Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC106

RELEASE ABATEMENT MEASURE (RAM) TRANSMITTAL FORM

Pursuant to 310 CMR 40.0444 - 0446 (Subpart D)

Release Tracking Number: 3 - 13302

A. SITE LOCATION:

1. Site Name/Location Aid: RAYTHEON COMPANY
2. Street Address: 430 BOSTON POST RD
3. City/Town: WAYLAND 4. ZIP Code: 01778-0000
5. UTM Coordinates: a. UTM N: b. UTM E:
6. ☑ Check here if a Tier Classification Submittal has been provided to DEP for this disposal site.
   ☐ a. Tier IA ☑ b. Tier IB ☐ c. Tier IC ☐ d. Tier II
7. If a Tier I Permit has been issued, provide Permit Number: 133939 AND W045278

B. THIS FORM IS BEING USED TO: (check all that apply)

1. List Submittal Date of Initial RAM Plan (if previously submitted): 09/15/2011 (mm/dd/yyyy)
2. ☐ Submit an **Initial Release Abatement Measure (RAM) Plan**.
   ☐ a. Check here if the RAM is being conducted as part of the construction of a permanent structure. If checked, you must specify what type of permanent structure is to be erected in or in the immediate vicinity of the area where the RAM is to be conducted.
   b. Specify type of permanent structure: (check all that apply) ☐ i. School ☐ ii. Residential ☐ iii. Commercial ☐ iv. Industrial ☐ v. Other Specify:
3. ☐ Submit a **Modified RAM Plan** of a previously submitted RAM Plan.
4. ☑ Submit a **RAM Status Report**.
5. ☐ Submit a **Remedial Monitoring Report**. (This report can only be submitted through eDEP, concurrent with a RAM Status Report.)
   a. Type of Report: (check one) ☐ i. Initial Report ☐ ii. Interim Report ☐ iii. Final Report
   b. Number of Remedial Systems and/or Monitoring Programs:

   A separate BWSC106A, RAM Remedial Monitoring Report, must be filled out for each Remedial System and/or Monitoring Program addressed by this transmittal form.
6. ☐ Submit a **RAM Completion Statement**.
7. ☐ Submit a **Revised RAM Completion Statement**.
8. Provide Additional RTNs:
   ☐ a. Check here if this RAM Submittal covers additional Release Tracking Numbers (RTNs). RTNs that have been previously linked to a Primary Tier Classified RTN do not need to be listed here. This section is intended to allow a RAM to cover more than one unclassified RTN and not show permanent linkage to a Primary Tier Classified RTN.
   b. Provide the additional Release Tracking Number(s) covered by this RAM Submittal. ☐ - ☐ - ☐

(All sections of this transmittal form must be filled out unless otherwise noted above)

C. RELEASE OR THREAT OF RELEASE CONDITIONS THAT WARRANT RAM:

1. Identify Media Impacted and Receptors Affected: (check all that apply)

☐ a. Air ☐ b. Basement ☐ c. Critical Exposure Pathway ☑ d. Groundwater ☐ e. Residence

☐ f. Paved Surface ☐ g. Private Well ☐ h. Public Water Supply ☐ i. School ☐ j. Sediments

☑ k. Soil ☐ l. Storm Drain ☐ m. Surface Water ☐ n. Unknown ☐ o. Wetland ☐ p. Zone 2

☐ q. Others Specify:

2. Identify all sources of the Release or Threat of Release, if known: (check all that apply)

☐ a. Above-ground Storage Tank (AST) ☐ b. Boat/Vessel ☐ c. Drums ☐ d. Fuel Tank

☐ e. Pipe/Hose/Line ☐ f. Tanker Truck ☐ g. Transformer ☐ h. Under-ground Storage Tank (UST)

☐ i. Vehicle ☑ j. Others Specify: **INDUSTRY FACILITY PROCESSES**

3. Identify Oils and Hazardous Materials Released: (check all that apply)

☑ a. Oils ☑ b. Chlorinated Solvents ☐ c. Heavy Metals

☐ d. Others Specify:

D. DESCRIPTION OF RESPONSE ACTIONS: (check all that apply, for volumes list cumulative amounts)

☐ 1. Assessment and/or Monitoring Only
☐ 2. Temporary Covers or Caps
☐ 3. Deployment of Absorbent or Containment Materials
☐ 4. Temporary Water Supplies
☑ 5. Structure Venting System
☐ 6. Temporary Evacuation or Relocation of Residents
☐ 7. Product or NAPL Recovery
☐ 8. Fencing and Sign Posting
☐ 9. Groundwater Treatment Systems
☐ 10. Soil Vapor Extraction
☐ 11. Bioremediation
☐ 12. Air Sparging

D. DESCRIPTION OF RESPONSE ACTIONS (cont.): (check all that apply, for volumes list cumulative amounts)

☐ 13. Excavation of Contaminated Soils

☐ a. Re-use, Recycling or Treatment ☐ i. On Site Estimated volume in cubic yards

☐ ii. Off Site Estimated volume in cubic yards

iia. Receiving Facility: Town: State:

iib. Receiving Facility: Town: State:

iii. Describe:

☐ b. Store ☐ i. On Site Estimated volume in cubic yards

☐ ii. Off Site Estimated volume in cubic yards

iia. Receiving Facility: Town: State:

iib. Receiving Facility: Town: State:

☐ c. Landfill

☐ i. Cover Estimated volume in cubic yards

Receiving Facility: Town: State:

☐ ii. Disposal Estimated volume in cubic yards

Receiving Facility: Town: State:

☐ 14. Removal of Drums, Tanks or Containers

a. Describe Quantity and Amount:

b. Receiving Facility: Town: State:

c. Receiving Facility: Town: State:

☐ 15. Removal of Other Contaminated Media:

a. Specify Type and Volume:

b. Receiving Facility: Town: State:

c. Receiving Facility: Town: State:

☐ 16. Other Response Actions:

Describe:

☐ 17. Use of Innovative Technologies:

Describe:

E. LSP SIGNATURE AND STAMP :

I attest under the pains and penalties of perjury that I have personally examined and am familiar with this transmittal form, including any and all documents accompanying this submittal. In my professional opinion and judgment based upon application of (i) the standard of care in 309 CMR 4.02(1), (ii) the applicable provisions of 309 CMR 4.02(2) and (3), and 309 CMR 4.03(2), and (iii) the provisions of 309 CMR 4.03(3), to the best of my knowledge, information and belief,

> *if Section B of this form indicates that a* ***Release Abatement Measure Plan*** *is being submitted*, the response action(s) that is (are) the subject of this submittal (i) has (have) been developed in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000 and (iii) comply(ies) with the identified provisions of all orders, permits, and approvals identified in this submittal;

> *if Section B of this form indicates that a* ***Release Abatement Measure Status Report*** *and/or* ***Remedial Monitoring Report*** *is being submitted*, the response action(s) that is (are) the subject of this submittal (i) is (are) being implemented in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000 and (iii) comply(ies) with the identified provisions of all orders, permits, and approvals identified in this submittal;

> *if Section B of this form indicates that a* ***Release Abatement Measure Completion Statement*** *is being submitted*, the response action(s) that is (are) the subject of this submittal (i) has (have) been developed and implemented in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000 and (iii) comply(ies) with the identified provisions of all orders, permits, and approvals identified in this submittal:

I am aware that significant penalties may result, including, but not limited to, possible fines and imprisonment, if I submit information which I know to be false, inaccurate or materially incomplete.

1. LSP #: **9092**

2. First Name: **JAMES B** 3. Last Name: **OBRIEN**

4. Telephone: **(781) 952-6000** 5. Ext.: 6. FAX:

7. Signature: **JAMES B OBRIEN**

8. Date: **1/28/2013**
(mm/dd/yyyy)

9. LSP Stamp:

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC106

Release Tracking Number
3 - 13302

RELEASE ABATEMENT MEASURE (RAM) TRANSMITTAL FORM

Pursuant to 310 CMR 40.0444 - 0446 (Subpart D)

F. PERSON UNDERTAKING RAM:

1. Check all that apply: ☐ a. change in contact name ☐ b. change of address ☐ c. change in the person undertaking response actions

2. Name of Organization: TWENTY WAYLAND LLC

3. Contact First Name: FRANK 4. Last Name: DOUGHERTY

5. Street: 10 MEMORIAL BLVD SUITE 901 6. Title:

7. City/Town: PROVIDENCE 8. State: RI 9. ZIP Code: 02903-0000

10. Telephone: (401) 273-8600 11. Ext.: 12. FAX:

G. RELATIONSHIP TO RELEASE OR THREAT OF RELEASE OF PERSON UNDERTAKING RAM:

☑ 1. RP or PRP ☐ a. Owner ☐ b. Operator ☐ c. Generator ☐ d. Transporter

☑ e. Other RP or PRP Specify: NON-SPECIFIED PRP

☐ 2. Fiduciary, Secured Lender or Municipality with Exempt Status (as defined by M.G.L. c. 21E, s. 2)

☐ 3. Agency or Public Utility on a Right of Way (as defined by M.G.L. c. 21E, s. 5(j))

☐ 4. Any Other Person Undertaking RAM Specify Relationship:

H. REQUIRED ATTACHMENT AND SUBMITTALS:

☐ 1. Check here if any Remediation Waste, generated as a result of this RAM, will be stored, treated, managed, recycled or reused at the site following submission of the RAM Completion Statement. You must submit a Phase IV Remedy Implementation Plan along with the appropriate transmittal form (BWSC108).

☐ 2. Check here if the Response Action(s) on which this opinion is based, if any, are (were) subject to any order(s), permit(s) and/or approval(s) issued by DEP or EPA. If the box is checked, you MUST attach a statement identifying the applicable provisions thereof.

☑ 3. Check here to certify that the Chief Municipal Officer and the Local Board of Health have been notified of the implementation of a Release Abatement Measure.

☐ 4. Check here if any non-updatable information provided on this form is incorrect, e.g. Release Address/Location Aid. Send corrections to the DEP Regional Office.

☐ 5. If a RAM Compliance Fee is required for this RAM, check here to certify that a RAM Compliance Fee was submitted to DEP, P. O. Box 4062, Boston, MA 02211.

☑ 6. Check here to certify that the LSP Opinion containing the material facts, data, and other information is attached.

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC106

RELEASE ABATEMENT MEASURE (RAM) TRANSMITTAL FORM

Release Tracking Number
3 - 13302

Pursuant to 310 CMR 40.0444 - 0446 (Subpart D)

I. CERTIFICATION OF PERSON UNDERTAKING RAM:

1. I, **FRANK DOUGHERTY** , attest under the pains and penalties of perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form, (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (iii) that I am fully authorized to make this attestation on behalf of the entity legally responsible for this submittal. I/the person or entity on whose behalf this submittal is made am/is aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

2. By: **FRANK DOUGHERTY** 3. Title:

Signature

4. For: **TWENTY WAYLAND LLC** 5. Date: **1/28/2013**

(Name of person or entity recorded in Section F) (mm/dd/yyyy)

☐ 6. Check here if the address of the person providing certification is different from address recorded in Section F.

7. Street:

8. City/Town: 9. State: 10. ZIP Code:

11. Telephone: 12. Ext.: 13. FAX:

YOU ARE SUBJECT TO AN ANNUAL COMPLIANCE ASSURANCE FEE OF UP TO $10,000 PER BILLABLE YEAR FOR THIS DISPOSAL SITE. YOU MUST LEGIBLY COMPLETE ALL RELEVANT SECTIONS OF THIS FORM OR DEP MAY RETURN THE DOCUMENT AS INCOMPLETE. IF YOU SUBMIT AN INCOMPLETE FORM, YOU MAY BE PENALIZED FOR MISSING A REQUIRED DEADLINE.

Date Stamp (DEP USE ONLY:)

Received by DEP on

1/28/2013 1:49:55 PM

Release Abatement Measure Status Report No. 3
Former Raytheon Facility
430 Boston Post Road
Wayland, Massachusetts
VERTEX Project No. 19163
Release Tracking Number (RTN): 3-13302

VERTEX®

Prepared By:

VERTEX Environmental Services, Inc.
One Congress Street, 10th Floor
Boston, MA 02114

January 25, 2013

Prepared For:

Twenty Wayland
10 Memorial Boulevard
Suite 901
Providence, RI 02903
Attention: Mr. Frank Dougherty

Submitted To:

Massachusetts Department of
Environmental Protection
Northeast Regional Office
205B Lowell Street
Wilmington, MA 01887
Attention: Bureau of Waste Site Cleanup

VERTEX®

Vertex –TCS, LLC
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Downtown Boston Office
One Congress Street, 10th Floor
Boston, MA 02114
www.vertexeng.com
p: 781.952.6000
f: 781.335.3543

January 25, 2013

Massachusetts Department of Environmental Protection
Northeast Regional Office
205B Lowell Street
Wilmington, MA 01887

RE: Release Abatement Measure Status Report No. 3
Former Raytheon Facility
430 Boston Post Road
Wayland, Massachusetts
VERTEX Project No. 19163
Release Tracking Number (RTN): 3-13302

VERTEX Environmental Services, Inc. (VERTEX) is pleased to submit this Release Abatement Measure (RAM) Status Report No. 3 for the release listed under the above referenced RTN (the "Subject Site"). This document has been prepared for Twenty Wayland in accordance with the provisions contained in Section 40.0445 of the Massachusetts Contingency Plan (MCP).

Please do not hesitate to contact us should you have any questions or require additional information.

Sincerely,

Vertex Environmental Services, Inc.

Jesse Freeman, EIT
Sr. Project Manager

James B. O'Brien, LSP #9092
President

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TABLES

FIGURES

APPENDICES

1.0 INTRODUCTION

At the request of Twenty Wayland, LLC (Twenty Wayland), Vertex Environmental Services Inc. (VERTEX) has prepared this Release Abatement Measure (RAM) Status Report No. 3 for the release listed by the Massachusetts Department of Environmental Protection (MADEP) under Release Tracking Number (RTN) 3-13302 located at 430 Boston Post Road, Wayland Massachusetts (the Subject Site). Refer to **FIGURE 1** for the general site locus. This RAM Status Report pertains to a portion of the property affected by the release listed under the above referenced RTN (the "RAM Area") and had been prepared pursuant to the provisions contained in Section 40.0445 of the Massachusetts Contingency Plan (MCP). Raytheon Company (Raytheon) is the responsible party for the site under RTN 3-13302.

The RAM activities are being performed in accordance with the provisions contained in a RAM Plan dated September 20, 2011 that was prepared by VERTEX pursuant to 310 CMR 40.0444, previously submitted to the MADEP and in conjunction with on-going construction activities at the above referenced property. The initial RAM Status Report was submitted to the MADEP on January 19, 2012. The last RAM Status Report was submitted to MassDEP on July 25, 2012. The monitoring period described in this RAM Status Report is from May 2, 2012 through December 31, 2012.

1.1 RESPONSIBLE PARTY FOR THE SITE AND LSP-OF-RECORD

The Responsible Party for the Site is as follows:

Raytheon Company
880 Technology Drive
Billerica, MA 01821
Contact: Mr. Louis J. Burkhardt
(978) 436 8238

The LSP-of-Record is as follows:

John C. Drobinski, LSP # 2196
Environmental Resources Management
399 Boylston Street
Boston, MA 02116

1.2 RESPONSIBLE PARTY FOR THE RAM PLAN AND RAM LSP

The responsible party for the implementation of the RAM Plan is as follows:

Twenty Wayland, LLC
c/o KGI Properties
10 Memorial Boulevard, Suite 901
Providence, Rhode Island 02903
Contact: Mr. Frank Dougherty
Tel: 401-273-8600

The LSP for the implementation of the RAM Plan is as follows:

James B. O'Brien, LSP #9092
Vertex Environmental Services, Inc.
400 Libbey Parkway
Weymouth, Massachusetts 02189
Tel: 781-952-6000

2.0 GENERAL SITE AND RELEASE INFORMATION

2.1 CURRENT SITE CONDITIONS AND PHYSICAL SETTING

The Subject Site is bounded by Boston Post Road (Route 20) and a Massachusetts Bay Transportation Authority (MBTA) easement to the south, Old Sudbury Road (Route 27) to the east, the Sudbury River and its associated wetlands to the west, and undeveloped land and wetlands to the north. The general site location is shown on **FIGURE 1**. The Subject Site was formerly operated as a research and design facility by Raytheon Company between 1955 and 1995 for electronic testing and chemical process research. In 1995, Raytheon ceased operations as the Subject Site and decommissioned the facility. The portion of the Subject Site that is proposed for redevelopment was occupied by three (3) vacant one and two-story buildings that reportedly did not have basements, and associated paved and landscaped areas. The Subject Site topography within the proposed RAM area is relatively flat, with elevations varying from approximately EL. 133 to EL. 135 as referenced to the National Geodetic Vertical Datum (NGVD) 1929. The limits of the RAM area are depicted on the enclosed **FIGURE 2**.

Since the Subject Site is located within an active construction site that has a chain link fence and a gate with a guard to limit access, current human receptors are limited to adult construction workers or other construction-related personnel, occasional visitors and potential trespassers.

The RAM activities that are the subject of the September 20, 2011 RAM Plan and this status report are associated with the construction activities being performed by Twenty Wayland. In addition to these RAM activities, additional response actions are being performed by the LSP-of-Record on behalf of Raytheon. A description of the compliance history for the site and the additional response actions being conducted by Raytheon is presented in Sections 2.2 through 2.4.

The September 2011 RAM Plan pertains to most of the former Raytheon property which includes the western portion of the property that contains wetlands or other undeveloped areas. However, current site development plans indicate that construction activities within the western portion of the former Raytheon property would be limited at this time to general regrading or

resurfacing in preparation to potential future development. As noted on **FIGURE 2**, there are no identified ecological receptors such as wetlands, surface water bodies or terrestrial habitats located within the eastern portion of the Subject Site.

The Great Meadows National Wildlife Refuge (GMNWR), which includes the Sudbury River (a Class B Surface Water) and adjacent wetlands, abuts the Subject Site to the north and west and is managed by the U.S. Fish and Wildlife Service for protection of fresh-water wetlands and other terrestrial habitats. Open space maintained by the Wayland Conservation Commission is located to the north and northwest of the Subject Site.

2.2 SUMMARY OF RELEASE INFORMATION

RTN 3-13302 was issued to Raytheon on January 2, 1996 in response to the discovery of petroleum impacts identified in a groundwater monitoring well that was located adjacent to a former 20,000-gallon No. 6 fuel oil underground storage tank (UST). This RTN is currently utilized as the primary RTN for MCP response actions related to Tier IB Permit No. 133939 issued to Raytheon as submitted by the LSP-of-Record.

The following RTNs were assigned to separate releases, but have been closed by linking to the primary RTN 3-13302 or by filing a Response Action Outcome (RAO) Statement. A portion of the Disposal Site listed under RTN 3-13302 is located within the limits of the proposed RAM (refer to **FIGURE 2**).

- **RTN 3-1783** was issued on January 15, 1987 in response to an EPA listing due to a "waste storage impoundment" identified in aerial photographs which were reported as correlated with wastewater treatment impoundments associated with the former Raytheon facility Sanitary Treatment Plant. This RTN was closed following the submission of a Class B-1 RAO to the MADEP on July 31, 1995.

- **RTN 3-13574** was issued March 28, 1996 as a result of the discovery of volatile organics (VOCs) contamination in tested groundwater samples at concentrations in excess of the

MCP Reportable Concentrations (RC) for groundwater category RCGW-1. This RTN was closed by the MADEP on November 28, 2000.

- **RTN 3-14042** was issued July 25, 1996 as a result of the discovery of polychlorinated biphenyls (PCBs) contamination in tested soil samples at levels in excess of the applicable RC. This RTN was closed by the MADEP on November 28, 2000.

- **RTN 3-19482** was issued May 9, 2000 in response to the discovery of PCBs and metals impacts to wetland. This RTN was closed by the MADEP on November 28, 2000.

- **RTN 3-22665** was issued March 12, 2003 in response to the discovery of chromium in groundwater at concentrations above the applicable RC. Subsequent investigation by others concluded that the chromium in groundwater was attributed to a naturally-occurring chemical oxidation due to in-situ remediation activities. This RTN was closed by the MADEP on December 10, 2003.

In 2002, Environmental Resource Management (ERM) submitted to MADEP a Phase IV Remedy Implementation Plan (RIP) for two distinct remedial actions at the Subject Site under RTN 3-13302. ERM proposed wetland remediation on the western portion of the property which is outside of the proposed RAM limits and in-situ groundwater remediation on the southern and eastern portions of the Subject Site, which are partially contained within the proposed RAM limits. In situ chemical oxidation of the groundwater was conducted by ERM during May through July 2004. The Disposal Site listed under RTN 3-13302 is currently in Phase V - Remedy Operation Status, and ERM continues to perform semi-annual groundwater quality monitoring on behalf of Raytheon.

2.3 RTN 3-22408 (LINKED TO RTN 3-13302)

The Disposal Site listed under RTN 3-22408 consists of three (3) distinct and separate affected areas for which MCP response actions are conducted under Tier 1B permit No. W045278. The

three distinct and separate areas are located outside the proposed RAM limits for RTN 3-13302. The Contaminants of Concern (COCs) listed under RTN 3-13302 include chlorinated VOCs, arsenic and methyl-tertiary-butyl-ether (MTBE). In 2007, ERM submitted a Partial Class B-1 RAO for the arsenic release in the western portion of the property which is located outside of proposed RAM limits. ERM attributed the detected levels of arsenic in groundwater to naturally-occurring arsenic in soil that was mobilized as a result of natural reducing conditions in the wetlands associated with the Sudbury River.

Subsequently, ERM submitted a Phase IV - Remedy Implementation Plan (RIP) for the remaining portions of RTN 3-22408. ERM proposed excavation and removal of soil impacted by CVOCs from the northern portion of the property, outside the limits of the RAM proposed herein. ERM also proposed the implementation of in-situ bioremediation of the groundwater within the area impacted chlorinated VOCs, which is also outside the limits of the proposed RAM. In July 2008, ERM submitted a Modified Phase IV RIP. On November 26, 2007 a partial RAO for the arsenic release, and a Downgradient Property Status Opinion for the methyl-tertiary-butyl-ether (MTBE) release were submitted to the MADEP. On June 9, 2009, RTN 3-22408 was linked to the parent RTN 3-13302 and MCP response actions are on-going under RTN 3-13302 as directed by the LSP-of-Record.

2.4 ACTIVITY AND USE LIMITATION (AUL)/ DEED RESTRICTION

Four (4) Notices of AUL and/or Deed Restrictions have been recorded for the Subject Site. A summary of the Notices of AUL/Deed Restrictions are presented below.

- Site-Wide AUL (Deed Restriction): On October 21, 1997, a Deed Restriction titled "form 1075 Notice of Activity and Use Limitation herein referred to as the "site-wide" AUL was recorded to restrict certain activities and uses at the Subject Site to mitigate potential human exposure and maintain the condition of No Significant Risk of harm to human health upon which the AUL is based. This "site-wide" AUL applies the entire property, including the area subject to this RAM Plan (the Subject Site). Activities and uses that are considered in the site wide AUL as consistent with a condition of No Significant Risk of harm to human

health include any commercial and/or industrial uses including such uses as offices, retail, wholesale, storage and warehouses or manufacturing.

In summary, the site-wide AUL restricts residential or other uses where children would be present at high frequency and potentially exposed at high intensity. Other restricted activities include the growing of fruit or vegetables for human consumption, excavation, below-grade construction, and below-grade utility maintenance unless determined by an LSP that such activities would not pose a substantial hazard or significant risk to human health, public safety, welfare, or the environment. The existing site-wide AUL will be revised to allow residential usage of the Subject Site.

The site-wide AUL contains provisions for the management of contaminated soil or groundwater during construction, if encountered. This RAM Plan contains provisions for the management of impacted soil and/or groundwater during the redevelopment of the Subject Site consistent with the requirements of the site-wide AUL.

UST Area AUL: A Notice of AUL was recorded on April 13, 1999 for approximately 0.8-acre portion of the Subject Site (refer to **FIGURE 2**). This Notice of AUL was recorded as part of a Class A-3 Response Action Outcome (RAO) Statement for the release of petroleum hydrocarbons associated with a former fuel oil UST and listed under RTN 3-13302. This Notice of AUL is generally consistent with the provisions contained in the Site-Wide Notice of AUL. This RAM Plan contains provisions for the management of impacted soil and/or groundwater, if encountered, during the redevelopment of the Subject Site consistent with the requirements of the Notice of AUL.

- Hamlen Property AUL: A Notice of AUL was filed on January 9, 2006 for an approximately 5.5-acre portion of the former Hamlen property to address a release of PCBs. Based on information regarding the proposed Subject Site redevelopment, this Notice of AUL pertains to a release which occurred on a portion of the property that is located outside of proposed RAM limits to the west. Thus, this Notice of AUL is not considered relevant to the RAM.

- Twenty Wayland AUL: A Notice of AUL was filed on December 21, 2011 for approximately 35.5 acres of the Subject Site. This Notice of AUL describes the activities permitted and not permitted in the approximately 35.5 acres of the subject site during the implementation of the RAM Plan and the subsequent construction activities which are not subject to the RAM Plan. Specifically the Notice of AUL allows for the commercial/industrial use of the Subject Site, and residential use in a portion of the Subject Site. In addition, the Notice of AUL contains provisions for the management, notification to the LSP-of-Records of impacted media encountered during the implementation of the RAM Plan. A copy of the December 21, 2011 Notice of AUL is attached in **APPENDIX A.**

3.0 STATUS OF MCP RESPONSE ACTIONS

RAM activities commenced on October 31, 2011. A summary of RAM activities that occurred between October 31 and December 21, 2011 is presented in the January 19, 2012 RAM Status Report No. 1 and a summary of RAM activities that occurred between December 21, 2011 and May 2, 2012 is presented in the January 19, 2012 RAM Status Report No. 2. RAM activities performed at the Subject Site during this monitoring period include the following:

- Oversight of excavation and grading;
- Visual inspection of soils;
- Field screening of soils; and
- Dust monitoring.

3.1 RAM PLAN PROVISIONS

The RAM Plan provided procedures for management of impacted soil and/or groundwater (if encountered) consistent with the requirements of the existing Site-Wide Notice of AUL, as they pertain to the RAM area. The provisions included the following:

- Implementation of a program of environmental monitoring;
- Notification procedures to be implemented upon discovery of conditions or contamination that require such notification;
- Conduct MCP response actions under a supervision of an LSP;
- Implementation of a Soil Management Plan (SMP) including procedures for handling, storage, transportation and off-site disposal of impacted soil and/or groundwater, if encountered, and;
- Implementation of a Health and safety Plan (HASP) in accordance with applicable state and federal regulations.

The RAM plan contains provisions for the management of impacted soil if such soil is encountered during the proposed construction activities. In addition, in accordance with the existing Site-Wide Notice of AUL, temporary construction dewatering requirements were also addressed in the RAM Plan.

Federal permits are not anticipated to be required for the RAM activities. The RAM activities will be performed in coordination with Raytheon and their environmental consultant ERM under the two existing Tier IB permits for the site (No. 133939 and No. W045278). As Raytheon, through the LSP-of-Record, will continue and maintain the overall applicability of the RAM Plan to the existing Tier IB Permit, Twenty Wayland LLC will not need to be named on the Tier IB permit to implement the RAM Activities.

The RAM Plan was prepared for the management of impacted soil and/or groundwater during the redevelopment of the Subject Site consistent with the requirements of the site-wide AUL. Therefore, in coordination with Raytheon and the LSP-of-Record, residual impacts not removed as part of the construction activities will be managed in accordance with the site-wide AUL and/or under the direction of the LSP-of-Record.

3.2 NOTICE OF AUL

The RAM Plan was prepared by VERTEX and reviewed by the LSP-of-Record. As part of that review, the provisions identified in the December 21, 2011 Notice of AUL were considered when preparing the RAM Plan. Therefore RAM activities were and will be performed in accordance with the December 21, 2011 Notice of AUL and with the provisions identified in Section 3.1 above.

3.3 RAM ACTIVITIES

The following is a summary of RAM Activities conducted during this monitoring period. Historical RAM Activities are summarized in previous RAM Status reports.

3.3.1 Soil Excavation

Due to the intermittent schedule of earthwork construction activities, VERTEX was only present on site on days when informed by site personnel that earthwork activities would be taking place at the Subject Site. During this monitoring period, VERTEX oversaw the construction

excavation and grading RAM activities on the dates presented in **TABLE 5**. These activities included the following:

- Construction and excavation of storm water basins;
- Grading of Subject Site soils;
- Removal of existing subsurface utilities;
- Installation of subsurface water, sewer and drainage utilities; and
- Oversight of other earthwork activities.

Activities conducted outside of the RAM area are not subject to the RAM Plan.

As part of the RAM activities VERTEX visually inspected the soil excavation and collected and screened soil samples from the areas where work was being conducted using a mini-Rae photoionizaiton detector equipped with a 10.6 eV lamp. Soil inspection and screening frequency is based upon the size of the excavation area and the presence of odors, sheen, and discoloration, if present. The total organic vapor (TOV) concentration measured from *in situ* soils during this monitoring period were less than the RAM Plan action level of 10 part per million (PPM). A summary of the photoionization measurements are included in the attached table (**TABLE 1**) and soil screening locations are identified on **FIGURE 2.** Photographs of the RAM Activities are included in **APPENDIX B**.

The following describe the soil excavation and earthwork related to the RAM conducted during this monitoring period.

- On May 2, 2012, the excavation of soil was performed for the installation of a grease trap and electrical box. The excavation started near the Stop and Shop building foundation. During excavation activities field screening of the soils were collected and screened with a PID. The highest PID reading was 0.2 ppm in GT-0502G at 7 feet below ground (BGS) surface. The grease trap excavation extended to approximately 8 feet BGS. The excavation for the electrical box was extended to approximately 9 feet BGS. No soil samples were collected for laboratory analysis. Soil that was excavated for the installation of the grease trap and electrical box was temporary stockpiled. The soil was not impacted and was returned to the excavations as backfill.

- On June 4-7, 2012, a sewer line was installed on the site. The soil was excavated and temporary stockpiled during the sewer line installation. The soil was field screened with a PID and inspected for potential impacts. Soil excavated during the sewer line installation was returned to the excavation as backfill

- On December 4 - 6, 2012 VERTEX provided oversight for the excavation and removal of one 36" outfall pipe. Dust monitoring and soil was field screened with a PID and inspected for potential impacts. No potential impacts were identified. Soil excavated during the outfall piping work was returned to the excavation as backfill

3.3.2 Removal of Stockpiles and Bills of Lading

During this RAM monitoring period, soil was not transported off-site. Impacted soil stockpiles awaiting off-site disposal as part of the RAM Activities are not currently present at the site. In accordance with the provisions of the MCP, soil historically shipped off-site was transported and disposed under Bill-of-Lading. BOL and the attestation of Attestation of Completion of Shipment to a Receiving Facility for soil transported and disposed from Basin 1A, Basin 6, Basin-7, (DISP-0124), and the hydraulic piston (1213E) have been submitted MassDEP. For reference, a summary of historic stockpile information and associated BOLs is included in **TABLE 4**. A copy of the completed BOLs, are included in **APPENDIX C**.

3.3.3 Venting System

As part of the construction activities, sub-slab depressurization system (SSDS) piping was installed below buildings 1C, 2C, 2D, 2E, 2F, 2G, 3A and the Stop and Shop Building. The SSDS piping is being installed as a voluntary precautionary measure as requested by the LSP of Record and is not required as a vapor mitigation measure. As part of the SSDS system installation, VERTEX has provided design specification to Twenty Wayland and has performed visual inspections of the SSDS piping installations. Copies of the VERTEX visual inspection letters that included the design specification plans for the SSDS system are included in **APPENDIX D.**

3.3.4 Dust Monitoring

Dust monitoring was conducted using Dust Trak, dust monitors, which automatically record dust monitoring data, and calculates an average daily dust concentration. Typically two dust monitors are used to monitor dust while work is being conducted and are typically located at areas in the vicinity of the work being conducted within the perimeter of the site. The dust monitors are placed at an upwind and downwind location. Dust monitoring locations are selected based upon the apparent wind direction, and based upon the work being conducted. To evaluate "real time" dust levels at the site, VERTEX recorded approximately hourly dust monitoring results from both the upwind and downwind monitoring. A summary of hourly dust monitoring data is presented **TABLE 5** which includes the average daily dust concentration and the daily maximum and daily minimum dust concentrations measured by the dust monitors. The dust monitoring action level is 0.15 milligrams per cubic meter (mg/m^3) was not exceeded during this monitoring period.

4.0 FUTURE MCP RESPONSE ACTIONS AND SCHEDULE

Response actions under the MCP are currently on-going and will continue at the Subject Site in order to address the above referenced release in accordance with relevant provisions contained in the MCP. It is the intent of the RP for the site (Raytheon) to perform the MCP response actions in accordance with relevant provisions contained in 310 CMR 40.0000. VERTEX has concluded that additional activities are not required to meet the RAM Plan Objectives for those areas where soil impacts were encountered because of the following:

- residual impacts and response actions not associated with the construction activities (i.e., groundwater impacts and soil impacts in areas where construction activities are not performed) are being managed by Raytheon and the LSP-of-Record in accordance with a Phase V program and the site wide AUL and the December 21, 2011 Notice of AUL;

- the LSP-of-Record is notified of impacts encountered during the implementation of the RAM Plan; and

- potentially impacted soil is excavated when encountered as part of the construction activities.

5.0 LSP OPINION

It is the opinion of the LSP that the RAM is being conducted in conformance with the RAM Plan and in accordance with the provisions contained in 310 CMR 40.0000.

6.0 QUALIFICATION

Our professional services have been performed, our findings obtained, and our recommendations prepared in accordance with customary principles and practices in the fields of environmental science and engineering. This warranty is in lieu of all other warranties either expressed or implied. VERTEX is not responsible for the independent conclusions, opinions or recommendations made by others based on the field exploration and laboratory test data presented in this report.

It must be recognized that environmental investigations are inherently limited in the sense that conclusions are drawn and recommendations developed from information obtained from limited research and site investigation. All site subsurface conditions were not field investigated as part of this study and may differ from the conditions implied by the limited subsurface investigation. Additionally, the passage of time may result in a change in the environmental characteristics at this site and surrounding properties. This report does not warrant against future operations or conditions, nor does this report warrant against operations or conditions present of a type or at a location not investigated.

Our professional opinion and the conclusions contained herein are based solely on the scope of work conducted as described in this RAM Status Report. The reference to various MCP risk-based cleanup standards contained in this report is not intended to demonstrate the presence or absence of significant risk of harm, as defined in the MCP, but rather to provide a qualitative assessment of the results of the chemical analyses performed on soil and groundwater samples obtained from the Subject Site.

Tables

Table 1
Summary of Soil Screening
430 Boston Post Road
Wayland, Massachusetts

Date	Location	Sample Identification	Depth	Northing	Easting	Measurement	Comments
10/31/2011	Temp Basin 2A	TB-2A-A	8	---	---	0.1	Initial excavation screeining.
11/1/2011	Temp Basin 2A	TB-2A-B	4	9416.20	20204.08	0.0	Brown C-F Sand
11/1/2011	Temp Basin 2A	TB-2A-B	8	9416.20	20204.08	0.0	Brown C-F Sand
11/1/2011	Temp Basin 2A	TB-2A-B	10	9416.20	20204.08	0.0	Brown C-F Sand, Approximate water table depth.
11/1/2011	Temp Basin 2A	TB-2A-B	15	9416.20	20204.08	0.3	Peat layer
11/2/2011	Temp Basin 2A	TB-2A-C-5	5	--	--	0.0	Brown F-C Sand
11/2/2011	Temp Basin 2A	TB-2A-F-1	1	--	--	0.0	Brown F-C Sand
11/2/2011	Temp Basin 2A	TB-2A-D-4	4	--	--	0.0	Brown F-C Sand
11/2/2011	Temp Basin 2A	TB-2A-D-7	7	--	--	0.0	Peat layer
11/2/2011	Temp Basin 2A	TB-2A-E-3	3	--	--	0.0	Brown F-C Sand
11/2/2011	Temp Basin 2A	TB-2A-E-8	8	--	--	0.0	Brown Silt w/ gravel
11/2/2011	Temp Basin 2A	TB-2A-G-4	4	--	--	0.0	Brown F-C Sand
11/2/2011	Temp Basin 2A	TB-2A-G-7	7	--	--	0.0	Brown & gray F-C Sand
11/2/2011	Temp Basin 2A	TB-2A-H-5	5	--	--	0.0	Brown F-C Sand
11/3/2011	Temp Basin 2A	TB-2A-113A	7	4693056	304827	0.4	Brown & gray F-C Sand
11/3/2011	Temp Basin 2A	TB-2A-113B	2	4693059	304834	0.0	Brown F-C Sand
11/3/2011	Temp Basin 2A	TB-2A-113C	7	4693086	304835	0.0	Brown & gray F-C Sand
11/3/2011	Temp Basin 2A	TB-2A-113D	4	4693053	304832	0.0	Brown F-C Sand
11/3/2011	Temp Basin 2A	TB-2A-113E	4	4693053	304845	0.0	Brown F-C Sand
11/7/2011	Temp Basin 2A	TB-2A-117A	1	4693085	304833	0.4	Loam/topsoil
11/7/2011	Temp Basin 2A	TB-2A-117B	1	4693075	304791	0.7	Loam/topsoil
11/7/2011	Temp Basin 2A	TB-2A-117C	1	4693081	303810	0.1	Loam/topsoil
11/7/2011	Temp Basin 2A	TB-2A-117D	1	4693064	304773	0.3	Loam/topsoil
11/8/2011	Southern Lot	CB-118A	6	4692925	304944	0.0	Brown F-C Sand, little Gravel
11/8/2011	Southern Lot	CB-118B	4	4692927	304944	0.0	Brown F-C Sand, little Gravel
11/8/2011	Southern Lot	CB-118C	6	4692931	304943	0.0	Brown F-C Sand, little Gravel
11/8/2011	Southern Lot	CB-118D	4	4692935	304942	0.0	Brown F-C Sand, little Gravel
11/8/2011	Southern Lot	CB-118E	6	4692943	304940	0.0	Brown F-C Sand, little Gravel
11/8/2011	Southern Lot	CB-118F	4	4692947	303939	0.0	Brown F-C Sand, little Gravel
11/8/2011	Southern Lot	CB-118G	6	4692951	304939	0.0	Brown F-C Sand, little Gravel
11/8/2011	Southern Lot	EB-118A	4	4692937	304894	0.0	Brown F-C Sand, some organic material
11/8/2011	Southern Lot	EB-118B	2	4692936	304917	0.0	Brown F-C Sand, some organic material
11/8/2011	Southern Lot	EB-118C	2	4692929	304879	0.0	Brown F-C Sand, some organic material
11/8/2011	Southern Lot	EB-118D	2	4692927	304850	0.0	Brown F-C Sand, some organic material
11/8/2011	Southern Lot	EB-118E	2	4692917	304830	0.0	Brown F-C Sand, some organic material
11/9/2011	Temp Basin 3A	TB-3A-119A	2	4693132	304987	0.1	Blue-gray Sand, little Gravel
11/9/2011	Temp Basin 3A	TB-3A-119B	4	4693124	304971	0.0	Brown F-C Sand, little Gravel
11/9/2011	Temp Basin 3A	TB-3A-119C	4	4693112	304981	0.0	Brown F-C Sand, little Gravel
11/9/2011	Temp Basin 3A	TB-3A-119D	6	4693124	304973	0.0	Gray Silt and clay
11/9/2011	Temp Basin 3A	TB-3A-119E	3	4693125	304963	0.4	Black peat
11/9/2011	Temp Basin 3A	TB-3A-119F	8	4693123	304962	0.2	Gray Silt and clay
11/9/2011	Basin 2	TB-2-119A	2	4693081	304772	0.0	Brown F-C Sand, little Gravel
11/9/2011	Basin 2	TB-2-119B	3	4693033	304727	0.2	Brown F-C Sand, little Gravel
11/10/2011	Temp Basin 3A	TB-3A-1110A	5	4693111	304963	0.2	Brown F-C Sand, little Gravel
11/10/2011	Temp Basin 3A	TB-3A-1110B	5	4693105	304968	0.1	Black peat
11/10/2011	Temp Basin 3A	TB-3A-1110C	5	4693090	304965	0.8	Black peat
11/16/2011	Basin 3	B-3-1116A	3	4693168	304942	1.1	Black peat
11/16/2011	Basin 3	B-3-1116B	5	4693152	304943	0.1	Brown F-C Sand, little Gravel
11/16/2011	Basin 3	B-3-1116C	4	4693138	304941	0.2	Brown F-C Sand, little Gravel
11/17/2011	Basin 3	B-3-1117A	4	4693170	304984	0.0	Wet Brown F-C Sand
11/17/2011	Basin 3	B-3-1117B	5	4693153	304958	0.1	Gray Silt and clay
11/17/2011	Southern Lot	SL-1117A	2	4693005	304886	0.0	Black peat
11/17/2011	Southern Lot	SL-1117B	6	4693003	304897	0.1	Gray Silt and clay
11/17/2011	Southern Lot	SL-1117C	2	4693019	304900	0.0	Light Brown F-C Sand
11/17/2011	Southern Lot	SL-1117D	5	4693024	304910	0.0	Light Brown F-C Sand
11/17/2011	Southern Lot	SL-1117E	5	4693034	304902	0.0	Light Brown F-C Sand
11/17/2011	Southern Lot	SL-1117F	6	4693049	304907	0.0	Light Brown F-C Sand
11/17/2011	Southern Lot	SL-1117G	2	4693042	304932	0.0	Light Brown F-C Sand
11/18/2011	Southern Lot	SL-1118A	2	4693033	304917	0.0	Light Brown F-C Sand
11/18/2011	Southern Lot	SL-1118B	3	4693041	304918	0.0	Light Brown F-C Sand
11/18/2011	Southern Lot	SL-1118C	7	4693042	304922	0.0	Brown F-C Sand
11/18/2011	Southern Lot	SL-1118D	5	4693024	304911	0.0	Brown F-C Sand
11/18/2011	Southern Lot	SL-1118E	4	4693017	304898	0.0	Brown F-C Sand, little Gravel
11/18/2011	Southern Lot	SL-1118F	4	4693012	304888	0.0	Brown F-C Sand, little Gravel
11/18/2011	Southern Lot	SL-1118G	4	4693007	304876	0.1	Brown F-C Sand, little Gravel
11/18/2011	Southern Lot	SL-1118H	7	4693041	304920	0.0	Wet Brown F-C Sand and silt
11/21/2011	Southern Lot	SL-1121A	3	4693029	304917	0.0	Brown F-C Sand
11/21/2011	Southern Lot	SL-1121B	3	4693035	304924	0.1	Oxidized Light Brown F-C Sand
11/21/2011	Southern Lot	SL-1121C	4	4693033	304931	0.0	Oxidized Light Brown F-C Sand
11/21/2011	Southern Lot	SL-1121D	4	4693035	304949	0.1	Tan M-C Sand, stratified
11/21/2011	Southern Lot	SL-1121E	4	4693034	304953	0.0	Brown F-C Sand
11/21/2011	Southern Lot	SL-1121F	4	4693032	304904	0.3	Brown F-C Sand, little Gravel
11/21/2011	Southern Lot	SL-1121G	4	4693021	304893	0.1	Brown F-C Sand, little Gravel
11/21/2011	Southern Lot	SL-1121H	4	4693017	304884	0.1	Dark Brown Peat
11/21/2011	Southern Lot	SL-1121I	4	4693011	304872	0.0	Dark Brown Peat
11/21/2011	Southern Lot	SL-1121J	5	4692998	304855	0.1	Tan Silt, some Clay
11/22/2011	Southern Lot	SL-1122A	7	4693032	304954	0.0	Gray Silt and clay
11/22/2011	Southern Lot	SL-1122B	6	4693028	304936	0.0	Dark Brown Sand and Gravel
11/22/2011	Basin 2	B-2-1122A	3	4693044	304746	0.0	Black peat
11/28/2011	Basin 2	B-2-1128A	2.5	4693079	304723	0.0	Light Brown F-C Sand
11/28/2011	Southern Lot	SL-1128A	6	4693022	304923	0.1	Brown F-C Sand, light oxidation
11/28/2011	Basin 2	B-2-1128B	2	4693081	304740	0.2	Black peat
11/28/2011	Southern Lot	SL-1128B	6	4693015	304912	0.0	Tan Silt and fine Sand
11/28/2011	Southern Lot	SL-1128C	6	4693009	304900	0.1	Tan F-C Sand, some Silt
11/28/2011	Basin 2	B-2-1128C	2	4693042	304734	0.0	Light tan Sand
11/28/2011	Basin 2	B-2-1128D	3	4693064	304721	0.0	Light Brown F-C Sand, some Gravel
11/28/2011	Basin 2	B-2-1128E	2.5	4693071	304728	0.1	Brown F-C Sand, some Gravel
11/28/2011	Basin 2	B-2-1128F	3	4693072	304743	0.0	Gray Sand, some Gravel
11/28/2011	Basin 2	B-2-1128G	4	4693067	304729	0.0	Black peat and Brown-oxidized F-C Sand
11/28/2011	Southern Lot	SL-1128D	6.5	4693039	304945	0.0	Brown M-C Sand
11/28/2011	Basin 2	B-2-1128H	3	4693060	304739	0.0	Brown F-C Sand, some Gravel
11/28/2011	Basin 2	B-2-1128I	3	4693056	304724	0.0	Brown F-C Sand, some Gravel
11/29/2011	Residential Area	Res-1129A	0.5	4693067	304930	0.0	Brown F-C Sand, trace oxidized material
11/29/2011	Residential Area	Res-1129B	0.5	4693066	304925	0.0	Brown F-C Sand, trace oxidized material
11/29/2011	Basin 2	B-2-1129A	4	4693078	304741	0.2	Blue-gray Sand, little Gravel
11/29/2011	Southern Lot	SL-1129A	4	4692938	304889	0.1	Light brown oxidized F-C Sand, some Gravel
11/29/2011	Southern Lot	SL-1129B	4	4692922	304891	0.0	Light brown oxidized F-C Sand, some Gravel
11/29/2011	Southern Lot	SL-1129C	4	4692899	304888	0.1	Light brown oxidized F-C Sand, some Gravel
11/29/2011	Southern Lot	SL-1129D	4	4692878	304888	0.0	Light brown oxidized F-C Sand, some Gravel
11/29/2011	Basin 2	B-2-1129B	5	4693062	304739	0.2	Black peat
11/29/2011	Basin 2	B-2-1129C	4	4693054	304729	0.0	Tan F-C Sand, some Gravel
11/29/2011	Basin 2	B-2-1129D	5	4693038	304728	0.0	Blue-gray Sand, little Gravel

Notes:
1. Data presented in milligrams per cubic meter (mg/m^3) of total dust.

Table 1
Summary of Soil Screening
430 Boston Post Road
Wayland, Massachusetts

Date	Location	Sample Identification	Depth	Northing	Easting	Measurement	Comments
11/30/2011	Southern Lot	SL-1130A	5	4692989	304850	0.0	Brown Sand and Silt
11/30/2011	Basin 2	B-2-1130A	6	4693056	304729	0.1	Brown-Gray Silt and Clay
11/30/2011	Southern Lot	SL-1130B	5	4692986	304843	0.0	Brown Sand and Silt
11/30/2011	Basin 2	B-2-1130B	6	4693060	304718	0.8	Gray Sand and Silt
11/30/2011	Southern Lot	SL-1130C	6	4692977	304835	0.4	Tan Silt and Clay
11/30/2011	Southern Lot	SL-1130D	5	4692968	304826	2.1	Brown Sand and Gravel
11/30/2011	Southern Lot	SL-1130E	5	4692966	304824	0.4	Brown Silt and Clay
11/30/2011	Basin 2	B-2-1130C	6	4693086	304725	0.3	Brown and Blue Clay and Silt
11/30/2011	Southern Lot	SL-1130F	4	4692997	304800	0.9	Brown Sand and Gravel
11/30/2011	Southern Lot	SL-1130G	4	4693001	304886	0.7	Brown Sand and Gravel
11/30/2011	Southern Lot	SL-1130H	5	4692998	304873	0.3	Dark Brown Peat
11/30/2011	Southern Lot	SL-1130I	4	4692991	304863	0.3	Brown Sand and Gravel
11/30/2011	Basin 2	B-2-1130D	6	4693061	304728	0.8	Tan Sand and Silt
11/30/2011	Southern Lot	SL-1130J	4	4692982	304852	0.2	Brown Sand
11/30/2011	Southern Lot	SL-1130K	4	4692972	304860	0.9	Brown Sand
11/30/2011	Basin 2	B-2-1130E	7	4693072	304752	0.5	Blue/gray Silt and sand
11/30/2011	Southern Lot	SL-1130L	7	4692996	304890	0.1	Oxidized Tan Silt
12/1/2011	Southern Lot	SL-1201A	7	4692996	304887	0.0	Oxidized tan Silt and Clay
12/1/2011	Basin 2	B-2-1201A	6	4693070	304756	0.1	Blue-gray Sand, little Gravel
12/1/2011	Basin 2	B-2-1201B	6	4693068	304758	0.1	Blue-gray Sand, little Gravel
12/1/2011	Basin 2	B-2-1201C	3	4693075	304766	0.0	Black peat
12/1/2011	Basin 2	B-2-1201D	2	4693099	304765	0.1	Oxidized brown Sand
12/2/2011	Raytheon Building Pad	RP-1202A	0	4692949	305173	0.0	Brown F-C Sand, some Gravel
12/2/2011	Residential Area	Res-1202A	6	4693062	304932	0.1	Brown F-C Sand, some Gravel
12/2/2011	Residential Area	Res-1202B	7	4693061	304920	0.0	Brown F-C Sand, some Gravel
12/2/2011	Raytheon Building Pad	RP-1202B	1	4692936	305164	0.0	Brown F-C Sand, some Gravel
12/2/2011	Raytheon Building Pad	RP-1202C	0.5	4692932	305168	0.1	Brown F-C Sand, some Gravel
12/2/2011	Raytheon Building Pad	RP-1202D	0.5	4692932	305134	0.0	Brown F-C Sand, some Gravel
12/2/2011	Raytheon Building Pad	RP-1202E	0	4692927	305119	0.0	Brown F-C Sand, some Gravel
12/2/2011	Raytheon Building Pad	RP-1202F	0.5	4692923	305110	0.0	Brown F-C Sand, some Gravel
12/2/2011	Raytheon Building Pad	RP-1202G	1	4692930	305097	0.0	Brown F-C Sand, some Gravel
12/2/2011	Raytheon Building Pad	RP-1202H	0.5	4692927	305091	0.0	Brown F-C Sand, some Gravel
12/2/2011	Raytheon Building Pad	RP-1202I	0.5	4692924	305074	0.0	Dark Brown Peat
12/2/2011	Raytheon Building Pad	RP-1202J	0	4692917	305071	0.0	Oxidized brown Sand
12/2/2011	Raytheon Building Pad	RP-1202K	0.5	4692914	305056	0.0	Oxidized brown Sand
12/2/2011	Raytheon Building Pad	RP-1202L	0	4692926	305054	0.0	Brown F-C Sand, some Gravel
12/2/2011	Raytheon Building Pad	RP-1202M	2	4692921	305049	0.0	Brown F-C Sand, some Gravel
12/2/2011	Raytheon Building Pad	RP-1202O	1	4692937	305153	0.0	Brown F-C Sand, some Gravel
12/2/2011	Raytheon Building Pad	RP-1202P	2	4692949	305141	0.0	Brown F-C Sand, some Gravel
12/2/2011	Raytheon Building Pad	RP-1202Q	2	4692914	305020	0.0	Brown F-C Sand, some Gravel
12/5/2011	Raytheon Building Pad	RP-1205A	0.5	4692943	305111	0.0	Brown F-C Sand, some Gravel
12/5/2011	Raytheon Building Pad	RP-1205B	0	4692940	305097	0.0	Brown F-C Sand, some Gravel
12/5/2011	Raytheon Building Pad	RP-1205C	3	4692937	305090	0.0	Brown F-C Sand, some Gravel
12/5/2011	Raytheon Building Pad	RP-1205D	0	4692952	305088	0.0	Brown F-C Sand, some Gravel
12/5/2011	Raytheon Building Pad	RP-1205E	1	4692932	305061	0.1	Brown Peat
12/5/2011	Raytheon Building Pad	RP-1205F	0.5	4692934	305052	0.0	Brown F-C Sand, some Gravel
12/5/2011	Raytheon Building Pad	RP-1205G	3	4692959	305174	0.0	Brown F-C Sand, some Gravel
12/5/2011	Raytheon Building Pad	RP-1205H	3	4692933	305176	0.0	Brown F-C Sand, some Gravel
12/5/2011	Raytheon Building Pad	RP-1205I	3	4692925	305137	0.0	Brown F-C Sand, some Gravel
12/5/2011	Raytheon Building Pad	RP-1205J	0.5	4692942	305048	0.0	Brown F-C Sand, some Gravel
12/5/2011	Raytheon Building Pad	RP-1205K	0	4692946	305044	0.1	Brown F-C Sand, some Gravel
12/5/2011	Raytheon Building Pad	RP-1205	3	4692929	305075	0.0	Brown F-C Sand, some Gravel
12/5/2011	Raytheon Building Pad	RP-1205M	4	4692942	305064	0.9	Brown F-C Sand, some Gravel
12/5/2011	Raytheon Building Pad	RP-1205O	7	4692942	305064	0.1	Brown F-C Sand, some Gravel
12/5/2011	Raytheon Building Pad	RP-1205P	3	4692918	305049	0.1	Brown F-C Sand, some Gravel
12/5/2011	Raytheon Building Pad	RP-1205Q	0.5	4692931	305009	0.1	Brown F-C Sand, some Gravel
12/5/2011	Raytheon Building Pad	RP-1205R	4	4692911	305017	0.2	Brown F-C Sand, some Gravel
12/6/2011	Raytheon Building Pad	RP-1206A	0.5	4692964	305002	0.0	Brown F-C Sand, some Gravel
12/6/2011	Raytheon Building Pad	RP-1206B	4	4692917	305008	0.1	Brown F-C Sand, some Gravel
12/6/2011	Raytheon Building Pad	RP-1206C	0.5	4692983	304995	0.0	Brown F-C oxidized Sand, some Gravel
12/6/2011	Raytheon Building Pad	RP-1206D	1	4692988	305007	0.1	Gray Gravel, some Sand
12/6/2011	Raytheon Building Pad	RP-1206E	0.5	4692982	305027	0.0	Brown F-C Sand, some Gravel

Notes:
1. Data presented in milligrams per cubic meter (mg/m^3) of total dust.

Table 1
Summary of Soil Screening
430 Boston Post Road
Wayland, Massachusetts

Date	Location	Sample Identification	Depth	Northing	Easting	Measurement	Comments
12/6/2011	Raytheon Building Pad	RP-1206F	1	4692986	304990	0.0	Brown F-C oxidized Sand, some Gravel
12/6/2011	Raytheon Building Pad	RP-1206G	1	4692994	305042	0.0	Brown F-C oxidized Sand, some Gravel
12/6/2011	Raytheon Building Pad	RP-1206H	0	4692990	305053	0.1	Brown F-C Sand, some Gravel
12/6/2011	Raytheon Building Pad	RP-1206I	0.5	4692979	305071	0.0	Brown F-C Sand, some Gravel
12/6/2011	Raytheon Building Pad	RP-1206J	0	4692961	305094	0.1	Brown F-C Sand, some Gravel
12/7/2011	Insulating Oil USTs	SMP-A	3	---	---	0.3	Brown F-C Sand, little Gravel, moist
12/7/2011	Insulating Oil USTs	Sidewall A 3000 A 5'	5	---	---	0.0	Brown F-C Sand, little Gravel, moist
12/7/2011	Insulating Oil USTs	Sidewall B 3000 B 6'	6	---	---	0.0	Brown F-C Sand, little Gravel, moist
12/7/2011	DISP 20K	No. 6 Fuel Oil Stockpile	---			0.0	Brown F-C Sand and concrete, damp
12/7/2011	Raytheon Building Pad	RP-1207A	3	4692944	305171	0.0	Brown F-C Sand, some Gravel
12/7/2011	Raytheon Building Pad	RP-1207B	3	4692941	205156	0.0	Brown-orange F-C Sand, some Gravel
12/7/2011	Raytheon Building Pad	RP-1207C	0.5	4692964	305154	0.1	Brown-yellow F-C Sand, some Gravel
12/7/2011	Raytheon Building Pad	RP-1207D	4	4692938	305134	0.0	Brown F-C Sand, some Gravel
12/7/2011	Raytheon Building Pad	RP-1207E	4	4692936	305104	0.0	Brown F-C Sand, some Gravel
12/7/2011	Raytheon Building Pad	RP-1207F	4	4692934	305090	0.1	Brown F-C Sand, some Gravel
12/7/2011	Raytheon Building Pad	RP-1207G	4	4692925	305072	0.0	Brown F-C Sand, some Gravel
12/7/2011	Raytheon Building Pad	RP-1207H	2	4692952	305072	0.4	Coal ash and sand
12/7/2011	Raytheon Building Pad	RP-1207I	3	4692956	305102	0.1	Brown F-C Sand, some Gravel
12/7/2011	Raytheon Building Pad	RP-1207J	3	4692956	305125	0.0	Brown F-C Sand, some Gravel
12/8/2011	Raytheon Building Pad	RP-1208A	2	---	---	0.0	light brown C-F SAND, little gravel
12/8/2011	Raytheon Building Pad	RP-1208B	2	---	---	0.0	light brown C-F SAND, little gravel
12/8/2011	Raytheon Building Pad	RP-1208C	2	---	---	0.0	light brown C-F SAND, little gravel
12/8/2011	Raytheon Building Pad	RP-1208D	2	---	---	0.0	light gray/beige C-F SAND
12/8/2011	Raytheon Building Pad	RP-1208E	2	---	---	0.0	light brown C-F SAND, little gravel
12/8/2011	Raytheon Building Pad	RP-1208F	2	---	---	0.0	light gray/beige C-F SAND
12/8/2011	Raytheon Building Pad	RP-1208G	2	---	---	0.0	light gray/beige C-F SAND
12/8/2011	Raytheon Building Pad	RPT-1208A	4	---	---	0.0	light brown C-F SAND, little gravel
12/8/2011	Raytheon Building Pad	RPT-1208B	4	---	---	0.0	light gray/beige C-F SAND
12/8/2011	Raytheon Building Pad	RPT-1208C	2	---	---	0.0	light brown C-F SAND, little gravel
12/8/2011	Raytheon Building Pad	RPT-1208D	5	---	---	0.0	light gray/beige C-F SAND
12/8/2011	Raytheon Building Pad	RPT-1208E	4	---	---	0.0	light gray/beige C-F SAND
12/8/2011	Southern Lot	RU-1208A	6	---	---	0.0	light brown C-F SAND, little gravel
12/8/2011	Southern Lot	RU-1208B	8	---	---	0.0	light brown C-F SAND, little gravel
12/8/2011	Southern Lot	RU-1208C	12	---	---	0.0	light gray/light blue silty SAND with gravel
12/8/2011	Southern Lot	RU-1208D	12	---	---	0.0	light gray/light blue silty SAND with gravel
12/8/2011	Southern Lot	RU-1208E	6	---	---	0.0	light brown C-F SAND, little gravel
12/8/2011	Southern Lot	RU-1208F	12	---	---	0.0	light gray/light blue silty SAND with gravel
12/8/2011	Insulating Oil USTs	SW-C-3kB-5	5	4692966	305111	0.0	Brown F-C Sand, little Gravel
12/8/2011	Insulating Oil USTs	SW-D-3kB-5	5	4692963	305107	0.1	Brown F-C Sand, little Gravel
12/8/2011	Insulating Oil USTs	SW-E-3kA-5	5	4692963	305099	0.1	Brown F-C Sand, little Gravel
12/8/2011	Insulating Oil USTs	SW-F-3kA-5	5	4692966	305094	0.0	Brown F-C Sand, little Gravel
12/8/2011	Insulating Oil USTs	BT-3kA-7	7	---	---	0.1	Brown F-C Sand, little Gravel, wet
12/8/2011	Insulating Oil USTs	BT-3kB-7	7	---	---	0.2	Brown F-C Sand, little Gravel, wet
12/8/2011	Insulating Oil UST Contents	Disp-3k	---	---	---	0.1	Concrete
12/8/2011	No. 6 Fuel Oil UST	SW-A-20k-11	11	4692031	305083	0.5	Dark brown F-C Sand, little Gravel
12/8/2011	No. 6 Fuel Oil UST	SW-B-20k-10	10	4693031	305089	0.4	Dark brown F-C Sand, little Gravel
12/8/2011	No. 6 Fuel Oil UST	SW-C-20k-9	9	4693028	305098	0.3	Brown F-C Sand, little Gravel
12/8/2011	No. 6 Fuel Oil UST	SW-D-20k-11	11	4693020	305090	0.1	Dark brown F-C Sand, little Gravel
12/8/2011	No. 6 Fuel Oil UST	SW-E-20k-10	10	4693020	305085	0.2	Brown F-C Sand, little Gravel
12/8/2011	No. 6 Fuel Oil UST	SW-F-20k-9	9	4693025	305079	0.2	Dark brown F-C Sand, little Gravel
12/8/2011	No. 6 Fuel Oil UST	BT-G-20k-13	13	---	---	2.2	Dark brown F-C Sand, trace Gravel
12/8/2011	No. 6 Fuel Oil UST	BT-H-20k-14	14	---	---	22.8	Black F-C Sand, trace Gravel, odor
12/8/2011	No. 6 Fuel Oil UST Contents	Disp-20k (ext)	---	---	---	13.2	Black and Brown F-C Sand, trace Gravel, odor
12/9/2011	Southern Lot	SL-1209A	8	4693013	304741	0.1	Oxidized and blue-gray Silt and Clay

Notes:
1. Data presented in milligrams per cubic meter (mg/m^3) of total dust.

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Summary of Soil Screening
430 Boston Post Road
Wayland, Massachusetts

Date	Location	Sample Identification	Depth	Northing	Easting	Measurement	Comments
12/9/2011	Raytheon Building Pad	RP-1209A	4	4692958	305169	0.0	Brown F-C Sand, little Gravel
12/9/2011	Raytheon Building Pad	RP-1209B	4	4692980	305153	0.0	Tan F-M Sand
12/9/2011	Raytheon Building Pad	RP-1209C	4	4692996	305159	0.0	Tan F-M Sand
12/9/2011	Southern Lot	SL-1209B	10	4693018	305809	0.1	Blue-gray Silt and Clay
12/9/2011	Raytheon Building Pad	RP-1209D	3	4692978	305134	0.0	Tan F-M Sand
12/9/2011	Southern Lot	SL-1209C	11	4693023	304809	0.2	Black Peat
12/12/2011	Southern Lot	SL-1212A	10	4693012	304513	0.2	Dark Brown Peat
12/12/2011	Raytheon Building Pad	RP-1212A	3	4693005	305130	0.1	Brown F-C Sand
12/12/2011	Raytheon Building Pad	RP-1212B	4	4692980	305162	0.0	Tan F-C Sand, trace Gravel
12/12/2011	Raytheon Building Pad	RP-1212C	2	4692928	305016	0.0	Brown F-C Sand, some Gravel
12/12/2011	Southern Lot	SL-1212B	8	4693032	304829	0.0	Brown F-C Sand, some Gravel
12/12/2011	Raytheon Building Pad	RP-1212D	5	4692907	305029	0.0	Brown F-C Sand, some Gravel
12/12/2011	Basin-4	Basin-4	---	---	---	0.1	Brown F-C Sand, some Gravel
12/12/2011	Basin-4A	Basin-4A	---	4692919	305031	0.1	Concrete and solid debris
12/13/2011	Sewer Utility	RS-1213A	8	4693034	304863	0.1	Brown F-C Sand, some Gravel
12/13/2011	Raytheon Building Pad	RP-1213A	7	4692976	305008	0.0	Brown F-C Sand, some Gravel
12/13/2011	Raytheon Building Pad	RP-1213B	8	4692931	305017	0.0	Brown F-C Sand, some Gravel
12/13/2011	Raytheon Building Pad	RP-1213C	15	4692925	305025	0.1	Brown-Black Silt, little Sand
12/13/2011	Sewer Utility	RS-1213B	6	4693028	304870	0.0	Brown F-C Sand, some Gravel
12/13/2011	Raytheon Building Pad	RP-1213D	6	4692950	304996	0.0	Brown F-C Sand, some Gravel
12/13/2011	Inside of Hydralilc Lift*	RP-1213E	18	4692966	304994	10.3	*Black-Gray F-C Sand, moderate oil-like odor inside hydraulic lift pipe
12/14/2011	Raytheon Building Pad	RP-1214A	8	4692927	305019	4.5	Black C gravel
12/14/2011	Sewer Utility	RS-1214A	12	4693044	304882	0.0	Brown F-C Sand, little Gravel
12/14/2011	Sewer Utility	RS-1214B	12	4693048	304890	0.0	Brown F-C Sand, little Gravel
12/15/2011	Sewer Utility	RS-1215A	8	4693022	304993	0.0	Black Peat and Blue Clay
12/15/2011	Raytheon Building Pad	RP-1215A	6	4693001	305023	0.0	Brown F-C Sand, some Gravel
12/15/2011	Raytheon Building Pad	RP-1215B	3	4693000	305029	0.1	Black F-C Sand
12/16/2011	Raytheon Building Pad	RP-1216A	2	4693000	305048	0.1	Brown F- C Sand, little Gravel
12/16/2011	Raytheon Building Pad	RP-1216B	4	4692943	304994	0.0	Brown F- C Sand, little Gravel
12/16/2011	Raytheon Building Pad	RP-1216C	5	4693003	305098	0.1	Brown F-C Sand, some Gravel
12/19/2011	Sewer Utility	RS-1219A	8	4693105	304947	0.0	Brown F-C Sand, little Gravel
12/19/2011	Raytheon Building Pad	RP-1219A	1	4693029	305052	0.1	Topsoil
12/19/2011	Raytheon Building Pad	RP-1219B	1	4693049	305065	0.1	Topsoil
12/19/2011	Raytheon Building Pad	RP-1219C	1	4693069	305054	0.0	Topsoil
12/19/2011	Raytheon Building Pad	RP-1219D	1	4693072	305048	0.1	Topsoil
12/19/2011	Raytheon Building Pad	RP-1219E	1	4693113	305063	0.0	Topsoil
12/20/2011	Sewer Utility	RS-1220A	5	4693119	304966	0.1	Dark Brown Peat
12/20/2011	Raytheon Building Pad	RP-1220A	1	4692921	305160	0.0	Topsoil
12/20/2011	Raytheon Building Pad	RP-1220B	1	4692910	305117	0.0	Topsoil
12/20/2011	Raytheon Building Pad	RP-1220C	1	4692894	305080	0.0	Topsoil
12/20/2011	Sewer Utility	RS-1220B	5	4693122	304990	0.0	Brown F- C Sand, little Gravel
12/20/2011	Raytheon Building Pad	RP-1220D	1	4692974	305176	1.2	Asphalt
12/21/2011	Raytheon Building Pad	RP-1221A	6	4693010	305205	0.0	Tan F-C Sand, trace Gravel
12/21/2011	Raytheon Building Pad	RP-1221B	6	4692986	305196	0.0	Brown F-C Sand, little Gravel
12/21/2011	Raytheon Building Pad	RP-1221C	6	4692960	305200	0.1	Brown F-C Sand, little Gravel
12/21/2011	Raytheon Building Pad	RP-1221D	0	4692979	305185	0.0	Brown F-C Sand, little Gravel
12/21/2011	Raytheon Building Pad	RP-1221E	0	4693024	30178	0.0	Brown F-C Sand, little Gravel
12/21/2011	Raytheon Building Pad	RP-1221F	1	4692984	305156	0.2	Gray F-C Sand and Gravel
12/22/2011	Raytheon Building Pad	RP-1222A	0	4693023	305135	0.1	Brown F-C Sand, little Gravel
12/22/2011	Raytheon Building Pad	RP-1222B	0.5	4693049	305151	0.0	Brown F-C Sand, little Gravel
12/22/2011	Raytheon Building Pad	RP-1222C	0.5	4693020	305025	0.0	Gravel, some F-C Sand
12/22/2011	Raytheon Building Pad	RP-1222D	0	4693040	305143	0.0	Brown F-C Sand, little Gravel
12/22/2011	Raytheon Building Pad	RP-1222E	0	4693043	305142	0.0	Brown F-C Sand, little Gravel
12/22/2011	Raytheon Building Pad	RP-1222F	0.5	4693024	305127	0.1	Black F-C Sand, trace Gravel
12/22/2011	Raytheon Building Pad	RP-1222G	3.5	4693022	305128	0.0	Brown F- C Sand, little Gravel
12/22/2011	Raytheon Building Pad	RP-1222H	0	4693036	305121	0.3	Black and Brown F-C Sand, little Gravel
12/22/2011	Raytheon Building Pad	RP-1222I	2	4693033	305113	1.8	Black and Brown F-C Sand, little Gravel

Notes:
1. Data presented in milligrams per cubic meter (mg/m^3) of total dust.

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Summary of Soil Screening
430 Boston Post Road
Wayland, Massachusetts

Date	Location	Sample Identification	Depth	Northing	Easting	Measurement	Comments
12/22/2011	Raytheon Building Pad	RP-1222J	6	4693024	305103	0.8	Black and Brown F-C Sand, little Gravel
12/22/2011	Raytheon Building Pad	RP-1222K	4	4693024	305110	0.3	Black and Brown F-C Sand, little Gravel
12/22/2011	Raytheon Building Pad	RP-1222L	7	4693032	305110	0.4	Black and Brown F-C Sand, little Gravel
12/23/2011	Raytheon Building Pad	RP-1223A	0	4693039	305102	0.1	Brown F-C Sand, some Gravel
12/23/2011	Raytheon Building Pad	RP-1223B	0	4693041	305091	0.0	Brown F-C Sand, some Gravel
12/23/2011	Raytheon Building Pad	RP-1223C	0.5	4693015	305117	0.2	Dark Brown F-C Sand, some Gravel
12/23/2011	Raytheon Building Pad	RP-1223D	0	4693112	305071	0.0	Brown F-C Sand, some Gravel
12/23/2011	Raytheon Building Pad	RP-1223E	0	4693032	305033	0.0	Brown F-C Sand, some Gravel
12/23/2011	Raytheon Building Pad	RP-1223F	0	4693110	305078	0.0	Tan F-C Sand, some Gravel
12/23/2011	Raytheon Building Pad	RP-1223G	0	4693056	305121	0.0	Tan F-C Sand, some Gravel
12/23/2011	Raytheon Building Pad	RP-1223H	0.5	4693116	305096	0.1	Tan F-C Sand, some Gravel
12/23/2011	Raytheon Building Pad	RP-1223I	0	4693072	305129	0.0	Brown F-C Sand, some Gravel
12/23/2011	Raytheon Building Pad	RP-1223J	0	4693117	305107	0.0	Brown F-C Sand, some Gravel
12/23/2011	Raytheon Building Pad	RP-1223K	0	4693045	305044	0.0	Tan F-C Sand, some Gravel
12/27/2011	Raytheon Building Pad	RP-1227A	0	4693038	305146	0.1	Brown F-C Sand, some Gravel
12/27/2011	Raytheon Building Pad	RP-1227B	3	4693039	305064	0.0	Brown F-C Sand, some Gravel
12/27/2011	Raytheon Building Pad	RP-1227C	0.5	4693045	305105	0.0	Brown F-C Sand, some Gravel
12/27/2011	Raytheon Building Pad	RP-1227D	3	4692914	305038	0.1	Brown F-C Sand, some Gravel
12/27/2011	Raytheon Building Pad	RP-1227E	4	4692939	305018	0.0	Brown F-C Sand, some Gravel
12/27/2011	Raytheon Building Pad	RP-1227F	4	4693064	305139	0.0	Brown F-C Sand, some Gravel
12/27/2011	Raytheon Building Pad	RP-1227G	0	4693083	305153	0.1	Brown F-C Sand, some Gravel
12/27/2011	Raytheon Building Pad	RP-1227H	1	4693111	305090	0.0	Brown F-C Sand, some Gravel
12/27/2011	Raytheon Building Pad	RP-1227I	0.5	4693118	305080	0.0	Brown F-C Sand, some Gravel
12/27/2011	Raytheon Building Pad	RP-1227J	0	4693120	305076	0.1	Brown and Orange F-C Sand, some Gravel
12/28/2011	Raytheon Building Pad	RP-1228A	3	4693067	305098	0.0	Tan F-M Sand
12/28/2011	Raytheon Building Pad	RP-1228B	8	4693035	305081	0.0	Brown and Black F-C Sand
12/28/2011	Raytheon Building Pad	RP-1228C	8	4693028	305060	0.0	Dark Brown Clay, little Sand
12/28/2011	Raytheon Building Pad	RP-1228D	1	4693014	305117	0.1	Dark Brown F-C Sand
12/28/2011	Raytheon Building Pad	RP-1228E	5	4693049	305078	0.0	Tan F-M Sand
12/28/2011	Raytheon Building Pad	RP-1228F	5	4693047	305032	0.0	Brown F-C Sand, some Gravel
12/28/2011	Raytheon Building Pad	RP-1228G	4	4693052	305061	0.0	Brown F-C Sand, some Gravel
12/29/2011	Raytheon Building Pad	RP-1229A	4	4693048	305084	0.0	Dark Brown F-C Sand, some Gravel, trace Clay
12/29/2011	Raytheon Building Pad	RP-1229B*	14	4693033	305078	38.5	*Black F-C Sand, some Gravel; composed of segregated material
12/29/2011	Raytheon Building Pad	B-1 SW N 6	6	4693001	305131	0.0	Brown F-C Sand, little Gravel
12/29/2011	Raytheon Building Pad	B-1 SW W 6	6	4692995	305126	0.0	Brown F-C Sand, little Gravel
12/29/2011	Raytheon Building Pad	B-1 SW S 6	6	4692985	305130	0.0	Brown F-C Sand, little Gravel
12/29/2011	Raytheon Building Pad	B-1 SW E 6	6	4692989	305137	0.0	Brown F-C Sand, little Gravel
12/29/2011	Raytheon Building Pad	B-1 BT 12	12	4692992	305132	0.0	Brown F-C Sand, little Gravel
12/29/2011	Raytheon Building Pad	RP-1229C	2	4693122	305084	0.0	Tan F-C Sand, little Gravel
12/29/2011	Raytheon Building Pad	RP-1229D	2	4693102	305065	0.0	Brown F-C Sand, little Gravel
12/30/2011	Raytheon Building Pad	RP-1230A	1	4693091	305068	0.0	Dark brown F-C Sand, trace Gravel
12/30/2011	Raytheon Building Pad	RP-1230B	5	4693106	305075	0.1	Tan Silt and Clay
12/30/2011	Raytheon Building Pad	B-5 SW N 3	3	4693106	305082	0.0	Brown F-C Sand, little Gravel
12/30/2011	Raytheon Building Pad	B-5 SW S 3	3	4693106	305078	0.0	Brown F-C Sand, little Gravel
12/30/2011	Raytheon Building Pad	B-5 SW W 3	3	4693104	305081	0.0	Brown F-C Sand, little Gravel
12/30/2011	Raytheon Building Pad	B-5 BT 6	6	4693107	305082	0.2	Tan-gray F-C Sand
12/30/2011	Raytheon Building Pad	Basin-5*	---	---	---	0.0	*Dark Brown F-C Sand, little concrete
12/30/2011	Raytheon Building Pad	Basin-1A*	---	---	---	50.8	*Black F-C Sand, little Gravel and concrete

Notes:
1. Data presented in milligrams per cubic meter (mg/m^3) of total dust.

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Summary of Soil Screening
430 Boston Post Road
Wayland, Massachusetts

Date	Location	Sample Identification	Depth	Latitude	Longitude	Measurement	Comments
1/4/2012	Drainage Line	DL-0104A	6	42.36507	71.37067	0.0	Brown F-C Sand, little Gravel
1/4/2012	Drainage Line	DL-0104B	6	42.36494	71.37046	0.0	Brown F-C Sand, little Gravel
1/4/2012	Drainage Line	DL-0104C	6	42.36491	71.37031	0.0	Brown F-C Sand, little Gravel
1/4/2012	Drainage Line	DL-0104D	7	42.36482	71.37055	0.0	Brown F-C Sand, little Gravel
1/4/2012	Drainage Line	DL-0104E	6	42.36477	71.37046	0.0	Brown F-C Sand, little Gravel
1/5/2012	Basin-1A	B-1A SW N 6	6	42.36502	71.36635	0.0	Brown F-C Sand, little Gravel
1/5/2012	Basin-1A	B-1A SW W 6	6	42.36497	71.36642	0.0	Brown F-C Sand, little Gravel
1/5/2012	Basin-1A	B-1A SW S 6	6	42.36489	71.36628	0.0	Brown F-C Sand, little Gravel, trace oxidied material
1/5/2012	Basin-1A	B-1A SW E 6	6	42.36493	71.36618	0.0	Brown F-C Sand, little Gravel
1/5/2012	Basin-1A	B-1A BT 12	12	42.36495	71.36633	0.0	Brown F-C Sand, little Gravel
1/5/2012	Drainage Line	DL-0105A	4	42.36449	71.37026	0.1	Brown Clay and Silt
1/5/2012	Drainage Line	DL-0105B	6	42.36427	71.37017	0.0	Brown F-C Sand, little Gravel
1/5/2012	Drainage Line	DL-0105C	6	42.36427	71.37033	0.0	Brown F-C Sand, trace Gravel
1/6/2012	Raytheon Building Pad	RP-0106A	0	42.36549	71.36739	0.0	Brown F-C Sand, little Gravel
1/6/2012	Drainage Line	DL-0106A	8	42.36423	71.36997	0.1	Blue Silt and Clay
1/6/2012	Raytheon Building Pad	RP-0106B	0	42.36462	71.36749	0.0	Brown F-C Sand, trace Gravel
1/6/2012	Raytheon Building Pad	RP-0106C	3	42.36445	71.36757	0.0	Brown F-C Sand, little Gravel
1/6/2012	Raytheon Building Pad	RP-0106D	3	42.36456	71.36755	0.0	Brown F-C Sand, little Gravel
1/6/2012	Drainage Line	DL-0106B	6	42.36404	71.36975	0.0	Brown F-C Sand, little Gravel
1/9/2012	Raytheon Building Pad	RP-0109A	2	42.36484	71.36687	0.0	Brown F-C Sand, little Gravel, trace Cobble
1/9/2012	Drainage Line	DL-0109A	7	42.36400	71.36962	0.0	Brown F-C Sand, little Gravel
1/9/2012	Drainage Line	DL-0109B	5	42.36396	71.36943	0.0	Brown F-C Sand, little Gravel
1/9/2012	Drainage Line	DL-0109C	5	42.36396	71.36931	0.0	Brown F-C Sand, little Gravel
1/9/2012	Drainage Line	DL-0109D	4	42.36397	71.36903	0.0	Tan F-C Sand, trace Gravel
1/9/2012	Drainage Line	DL-0109E	6	42.36396	71.36864	0.0	Brown F-C Sand
1/9/2012	Raytheon Building Pad	RP-0109B	1	42.36451	71.36729	0.2	Brown F-C Sand, trace Gravel, little Coal
1/10/2012	Drainage Line	DL-0110A	6	42.36419	71.36803	0.0	Brown F-C Sand, trace asphalt
1/10/2012	Raytheon Building Pad	RP-0110A	3	42.36462	71.36650	0.0	Dark brown F-C Sand, trace Gravel
1/10/2012	Drainage Line	DL-0110B	8	42.36387	71.36932	0.0	Dark brown F-C Sand, trace Gravel
1/10/2012	Drainage Line	DL-0110C	7	42.36374	71.36945	0.0	Brown F-C Sand, trace Gravel
1/10/2012	Drainage Line	DL-0110D	6	42.36447	71.37003	0.0	Brown F-C Sand, some Gravel
1/10/2012	Drainage Line	DL-0110E	6	42.36460	71.36988	0.0	Light Brown Clay and Silt
1/11/2012	Drainage Line	DL-0111A	7	42.36445	71.36987	0.0	Light Brown Clay and Silt
1/11/2012	Drainage Line	DL-0111B	7	42.36428	71.37029	0.0	Light Brown F-M Sand
1/11/2012	Drainage Line	DL-0111C	6	42.36398	71.36806	0.0	Brown F-C Sand, some Gravel
1/11/2012	Drainage Line	DL-0111D	6	42.36414	71.37056	0.0	Brown F-C Sand, some Gravel
1/11/2012	Raytheon Building Pad	RP-0111A	8	42.36395	71.36753	0.0	Brown F-C Sand, some Gravel
1/12/2012	Drainage Line	DL-0112A	4	42.36424	71.36979	0.0	Brown F-C Sand, trace Gravel
1/12/2012	Drainage Line	DL-0112B	4	42.36405	71.37007	0.0	Dark Brown F-C Sand, some Gravel
1/12/2012	Drainage Line	DL-0112C	5	42.36405	71.37031	0.0	Brown F-C Sand, some Gravel
1/12/2012	Drainage Line	DL-0112D	3	42.36411	71.36934	0.0	Brown F-C Sand, some Gravel
1/13/2012	Drainage Line	DL-0113A	6	42.36405	71.37046	0.0	Brown and Tan F-C Sand, trace Gravel
1/13/2012	Raytheon Building Pad	RP-0113A	4	42.36454	71.36715	0.0	Brown F- C Sand, little Gravel
1/13/2012	Basin-6	B-6 SW N 3	3	42.36435	71.36806	0.0	Brown F- C Sand, little Gravel
1/13/2012	Basin-6	B-6 SW W 3	3	42.36432	71.36808	0.0	Brown F- C Sand, little Gravel
1/13/2012	Basin-6	B-6 SW S 3	3	42.36428	71.36805	0.0	Brown F- C Sand, little Gravel
1/13/2012	Basin-6	B-6 SW E 3	3	42.36432	71.36803	0.0	Brown F- C Sand, little Gravel
1/13/2012	Basin-6	B-6 BT 5	5	42.36432	71.36806	0.0	Brown Silt and Sand
1/16/2012	Raytheon Building Pad	RP-0116A	3	42.36450	71.36737	0.0	Brown F-C Sand, little Gravel
1/16/2012	Raytheon Building Pad	RP-0116B	6	42.36440	71.36760	0.0	Purple and Brown F-C Sand, little Gravel (sodium permanganate-stained)
1/16/2012	Raytheon Building Pad	RP-0116C	6	42.36439	71.36774	0.0	Brown F-C Sand, little Gravel
1/16/2012	Drainage Line	DL-0116A	3	42.36380	71.36964	0.0	Brown F-C Sand, little Gravel
1/16/2012	Raytheon Building Pad	RP-0116D	7	42.36455	71.36790	0.0	Brown F-C Sand, little Gravel
1/17/2012	Raytheon Building Pad	RP-0117A	3	42.36390	71.36841	0.0	Tan F- C Sand, trace Gravel
1/17/2012	Raytheon Building Pad	RP-0117B	5	42.36459	71.36724	0.1	Light Brown F-M Sand
1/17/2012	Raytheon Building Pad	RP-0117C	3	42.36444	71.36777	0.0	Light Brown F-M Sand
1/17/2012	Drainage Line	DL-0117A	6	42.36454	71.36971	0.2	Tan Clay and Silt
1/17/2012	Raytheon Building Pad	RP-0117D	3	42.36432	71.36849	0.0	Brown F-C Sand, trace Gravel
1/17/2012	Drainage Line	DL-0117B	3	42.36382	71.37054	0.0	Brown F-C Sand, trace Gravel
1/17/2012	Raytheon Building Pad	RP-0117E	3	42.36445	71.36857	0.0	Tan F-C Sand, some Gravel
1/17/2012	Drainage Line	DL-0117C	9	42.36451	71.36969	0.0	Brown F-C Sand, little Gravel, trace Cobble
1/18/2012	Drainage Line	DL-0118A	6	42.36485	71.37059	0.0	Brown F-C Sand, little Gravel
1/18/2012	Drainage Line	DL-0118B	5	42.36399	71.36738	0.0	Brown F-C Sand
1/18/2012	Drainage Line	DL-0118C	8	---	---	0.2	Brown F-C Sand, little Gravel
1/18/2012	Raytheon Building Pad	RP-0118A	6	42.36470	71.36786	0.0	Brown and Tan F-C Sand, trace Gravel
1/18/2012	Drainage Line	DL-0118D	5	42.36401	71.36689	0.1	Brown F-C Sand, little Gravel
1/18/2012	Drainage Line	DL-0118F	7	42.36467	71.36922	0.0	Brown F-C Sand, little Gravel
1/18/2012	Drainage Line	DL-0118G	7	42.36467	71.36942	0.1	Brown F-C Sand, little Gravel
1/18/2012	Raytheon Building Pad	RP-0118B	6	42.36466	71.36768	0.0	Brown and Yellow F-C Sand, some Gravel
1/18/2012	Drainage Line	DL-0118H	7	42.36403	71.36651	0.0	Brown F-C Sand, little Gravel
1/19/2012	Drainage Line	DL-0119A	4	42.36408	71.36913	0.0	Brown F-C Sand, trace Gravel
1/19/2012	Drainage Line	DL-0119B	5	42.36414	71.36970	0.0	Brown F-C Sand, little Gravel
1/19/2012	Drainage Line	DL-0119C	4	42.36431	71.36913	0.0	Brown F-C Sand, trace Gravel
1/19/2012	Drainage Line	DL-0119D	7	42.36399	71.36617	0.1	Brown and Tan F-C Sand
1/19/2012	Drainage Line	DL-0119E	10	42.36469	71.36909	0.0	Brown F-C Sand, trace Gravel
1/20/2012	Drainage Line	DL-0120A	6	42.36474	71.36903	0.0	Brown F-C Sand, little Gravel
1/20/2012	Drainage Line	DL-0120B	6	42.36401	71.36835	0.0	Brown F-C Sand, little Gravel
1/20/2012	Drainage Line	DL-0120C	5	42.36409	71.36823	0.0	Brown F-C Sand, little Gravel
1/20/2012	Drainage Line	DL-0120D	10	42.36469	71.36945	0.0	Brown F-C Sand, little Gravel, trace Cobble
1/23/2012	Drainage Line	DL-0123A	5	42.36426	71.36787	0.0	Brown F-C Sand, little Gravel

Notes:
1. Data presented in milligrams per cubic meter (mg/m^3) of total dust.

Table 1
Summary of Soil Screening
430 Boston Post Road
Wayland, Massachusetts

Date	Location	Sample Identification	Depth	Latitude	Longitude	Measurement	Comments
1/23/2012	Raytheon Building Pad	RP-0123A	4	42.36485	71.36747	0.0	Brown F-C Sand, little Gravel
1/23/2012	Drainage Line	Dl-0123B	6	42.36460	71.36872	0.0	Brown F-C Sand, little Gravel
1/23/2012	Drainage Line	DL-0123C	8	42.36478	71.36827	0.1	Brown F-C Sand, little Gravel
1/24/2012	Drainage Line	DL-0124A	8	42.36453	71.36845	0.0	Light Brown F-C Sand, some Gravel
1/24/2012	Drainage Line	DL-0124B	8	42.36491	71.36819	0.0	Light Brown F-C Sand, some Gravel
1/24/2012	Raytheon Building Pad	RP-0124A	2	42.36512	71.36692	9.4	Brown F-C Sand, trace Gravel
1/24/2012	Drainage Line	DL-0124C	5	42.36481	71.36770	0.1	Brown F-C Sand, trace Gravel
1/24/2012	Raytheon Building Pad	RP-0124B	6	42.36513	71.36694	0.1	Brown F-C Sand, trace Gravel
1/24/2012	Raytheon Building Pad	RP-0124C	5	42.36498	71.36688	0.1	Brown F-C Sand, some Gravel, trace Cobble
1/24/2012	Drainage Line	DL-0124D	5	42.36480	71.36764	0.0	Brown F-C Sand, trace Gravel
1/24/2012	Drainage Line	DL-0124E	6	42.36481	71.36759	0.0	Brown F-C Sand, trace Gravel
1/25/2012	Drainage Line	DL-0125A	10	42.36502	71.36704	0.1	Brown F-C Sand, some Gravel
1/25/2012	Drainage Line	DL-0125B	9	42.36502	71.36699	0.1	Brown F-C Sand, some Gravel
1/25/2012	Raytheon Building Pad	RP-0125A	7	42.36513	71.36681	0.2	Dark Brown F-C Sand, some Gravel, trace Cobble
1/26/2012	Raytheon Building Pad	RP-0126A	3	42.36508	71.36689	7.7	Brown F-C Sand, trace Gravel
1/26/2012	Drainage Line	DL-0126A	4	42.36485	71.36658	0.0	Tan and Brown F-C Sand, trace Gravel
1/26/2012	Raytheon Building Pad	RP-0126B	2	42.36502	71.36696	2.9	Brown F-C Sand, trace Gravel
1/26/2012	Drainage Line	DL-0126B	9	42.36478	71.36684	0.0	Dark Brown F-C Sand, trace Gravel
1/26/2012	Drainage Line	DL-0126C	3	42.36508	71.36694	0.9	Dark Brown F-C Sand, trace Gravel
1/26/2012	Drainage Line	DL-0126D	4	42.36509	71.36691	2.6	Dark Brown F-C Sand, some Gravel
1/26/2012	Drainage Line	DL-0126E	3	42.36510	71.36687	3.1	Dark Brown F-C Sand, some Gravel
1/26/2012	Drainage Line	DL-0126F	4	42.36511	71.36684	2.7	Dark Brown F-C Sand, trace Gravel
1/27/2012	Drainage Line	DL-0127A	2	42.36578	71.36985	0.3	Topsoil
1/27/2012	Drainage Line	DL-0127C	4	42.36495	71.36612	0.4	Brown F-C Sand, some Gravel
1/27/2012	Drainage Line	DL-0127D	4	42.36532	71.36691	0.0	Brown and Tan F-C Sand, trace Gravel
1/30/2012	Drainage Line	DL-0130A	4	42.36628	71.36791	0.1	Brown F-C Sand, little Gravel
1/30/2012	Drainage Line	DL-0130B	2	42.36520	71.36665	0.1	Brown F-C Sand and Silt, little Gravel
1/30/2012	Drainage Line	DL-0130C	5	42.36618	71.36890	0.0	Brown F-C Sand and Silt, little Clay, trace Gravel
1/30/2012	Drainage Line	DL-0130D	6	42.36610	71.36880	0.4	Dark Brown Peat
1/30/2012	Drainage Line	DL-0130E	5	42.36625	71.36781	0.0	Brown F-C Sand, little Cobble and Gravel
1/31/2012	Drainage Line	B-7 SW N 3	3	42.36544	71.36647	0.1	Brown F-C Sand, little Gravel
1/31/2012	Drainage Line	B-7 SW W 3	3	42.36541	71.36650	0.0	Brown F-C Sand, little Gravel
1/31/2012	Drainage Line	B-7 SW S 3	3	42.36538	71.36643	0.2	Brown F-C Sand, little Gravel
1/31/2012	Drainage Line	B-7 SW E 3	3	42.36542	71.36640	0.2	Brown F-C Sand, little Gravel
1/31/2012	Drainage Line	DL-0131A	5	42.36654	71.36721	0.1	Tan and Brown F-C Sand, some Gravel
1/31/2012	Drainage Line	DL-0131B	4	42.36657	71.36703	0.3	Black Peat
1/31/2012	Sewer Utility	SU-0131A	6	42.36408	71.36936	0.0	Light Brown F-C Sand, little Gravel
2/1/2012	Drainage Line	DL-0201A	6	42.36619	71.36586	0.0	Brown F-M Sand, some Silt
2/1/2012	Drainage Line	DL-0201B	5	42.36572	71.36572	0.2	Tan and Grey Silt, trace Clay
2/1/2012	Sewer Utility	SU-0201A	13	42.36430	71.36924	0.0	Tan and Yellow F-C Sand
2/1/2012	Drainage Line	DL-0201C	5	42.36550	71.36596	0.1	Brown F-C Sand, some Gravel
2/2/2012	Drainage Line	DL-0202A	5	42.36457	71.36791	0.0	Brown F-C Sand, little Gravel
2/2/2012	Drainage Line	DL-0202B	5	42.36459	71.36775	0.1	Tan F-M Sand
2/2/2012	Drainage Line	DL-0202C	5	42.36456	71.36758	0.1	Tan F-M Sand
2/2/2012	Sewer Utility	SU-0202A	13	42.36433	71.36936	0.0	Brown F-C Sand, little Gravel, trace Cobble
2/3/2012	Raytheon Building Pad	RP-0203A	4	42.36544	71.36599	0.1	Brown F-C Sand, some Gravel
2/3/2012	Drainage Line	DL-0203A	2	42.36673	71.36622	0.0	Brown F-C Sand, some Gravel
2/3/2012	Sewer Utility	SU-0203A	10	42.36461	71.36961	0.0	Brown F-C Sand, some Gravel, little Cobble
2/3/2012	Raytheon Building Pad	RP-0203B	2	42.36504	71.36653	0.1	Dark Brown F-C Sand, some Gravel, little Cobble
2/3/2012	Sewer Utility	SU-0203B	8	42.36481	71.36972	0.0	Brown and Grey F-C Sand and Silt
2/6/2012	Drainage Line	CB-63	7	42.36107	71.36720	0.0	Brown F-C Sand, some Gravel
2/6/2012	Raytheon Building Pad	SS-2612A	8	---	---	0.0	Brown F-C Sand, some Gravel
2/6/2012	Drainage Line	DL-2612A	10	42.36180	71.36193	0.1	Brown F-C Sand, some Gravel
2/6/2012	Raytheon Building Pad	RP-2612A	2	42.36091	71.36825	0.1	Brown F-C Sand, some Gravel
2/6/2012	Drainage Line	DL-2612B	4	42.36069	71.36976	1.5	Brown F-C Sand, some Gravel
2/6/2012	Drainage Line	DL-2612C	12	---	---	0.0	Brown F-C Sand, some Gravel
2/7/2012	Raytheon Building Pad	RP-0207A	0.5	42.36604	71.36645	0.1	Brown F-C Sand, little Gravel
2/7/2012	Sewer Utility	SU-0207A	11	42.36515	71.36968	0.0	Brown F-C Sand, some Gravel, trace Cobble
2/7/2012	Drainage Line	DL-0207A	5	42.36622	71.36636	0.1	Brown F-C Sand, little Gravel
2/7/2012	Drainage Line	DL-0207B	4	42.36591	71.36636	0.3	Tan and Grey F-C Sand, trace Silt
2/7/2012	Raytheon Building Pad	RP-0207B	1	42.36585	71.36647	0.1	Brown F-C Sand, little Gravel
2/8/2012	Drainage Line	DL-0208A	6	42.36591	71.36641	0.1	Tan and Grey F-C Sand
2/8/2012	Raytheon Building Pad	RP-0208A	4	42.36445	71.36805	0.3	Brown F-C Sand, some Gravel
2/8/2012	Drainage Line	DL-0208B	6	42.36594	71.36642	0.1	Brown F-C Sand, some Gravel
2/9/2012	Drainage Line	DL-0209A	4	42.36514	71.36544	0.1	Brown F-C Sand, little Gravel
2/9/2012	Drainage Line	DL-0209B	5	42.36517	71.36880	0.2	Brown F-C Sand, little Gravel
2/9/2012	Drainage Line	DL-0209C	5	42.36496	71.36883	0.0	Brown F-C Sand and Silt
2/9/2012	Drainage Line	DL-0209D	6	42.36604	71.36852	0.1	Blue Clay
2/10/2012	Infiltration Basin 1	IB-0210A	8	42.36328	71.37000	0.0	Tan F-C Sand, trace Gravel
2/10/2012	Infiltration Basin 1	IB-0210B	8	42.36356	71.37005	0.0	Tan F-C Sand, trace Gravel
2/10/2012	Southern Lot	SL-0210A	0.5	42.36409	71.36845	0.1	Brown and Tan F-C Sand, little Gravel
2/10/2012	Southern Lot	SL-0210B	0.5	42.36473	71.36850	0.2	Brown and Tan F-C Sand, little Gravel
2/13/2012	Raytheon Building Pad	RP-0213A	7	42.36523	71.36778	0.2	Brown F-C Sand, some Gravel, trace Cobble
2/13/2012	Southern Lot	SL-0213A	5	42.36522	71.36875	0.1	Orange and Brown F-C Sand, some Gravel
2/13/2012	Southern Lot	SL-0213B	3	42.36534	71.36829	0.2	Brown F-C Sand, some Gravel, trace Cobble
2/13/2012	Raytheon Building Pad	RP-0213B	4	42.36499	71.36786	0.1	Dark Brown F-C Sand, some Gravel
2/13/2012	Raytheon Building Pad	RP-0213C	2	42.36511	71.36783	0.1	Dark Brown F-C Sand, some Gravel
2/13/2012	Drainage Line	DL-0213A	4	42.36523	71.37096	0.4	Gray F-C Sand, little Silt, trace Gravel
2/14/2012	Southern Lot	SL-0214A	5	42.36478	71.36808	0.0	Brown F-C Sand, some Gravel, trace Cobble
2/14/2012	Southern Lot	SL-0214B	7	42.36527	71.36787	0.2	Brown F-C Sand, some Gravel, trace Cobble
2/14/2012	Water Utility	WU-0214A	4	42.36530	71.36564	0.1	Brown F-C Sand
2/15/2012	Southern Lot	SL-0215A	5	42.36505	71.36829	0.0	Dark Brown F-C Sand, some Gravel, little Cobble
2/15/2012	Raytheon Building Pad	RP-0215A	1	42.36522	71.36777	0.5	Dark Brown F-C Sand, some Gravel

Notes:
1. Data presented in milligrams per cubic meter (mg/m^3) of total dust.

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Summary of Soil Screening
430 Boston Post Road
Wayland, Massachusetts

Date	Location	Sample Identification	Depth	Latitude	Longitude	Measurement	Comments
2/16/2012	Water Utility	WU-0216A	6	42.36536	71.36673	0.1	Dark Brown F-C Sand, some Gravel, trace Cobble
2/16/2012	Water Utility	WU-0216B	7	42.36529	71.36681	0.1	Dark Brown F-C Sand, some Gravel, trace Cobble
2/16/2012	Water Utility	WU-0216C	7	42.36526	71.36684	0.2	Dark Brown F-C Sand, some Gravel, trace Cobble
2/16/2012	Water Utility	WU-0216D	7	42.36520	71.36697	3.4	Dark Brown F-C Sand, some Gravel, trace Cobble
2/16/2012	Water Utility	WU-0216E	6	42.36514	71.36692	2.6	Dark Brown F-C Sand, some Gravel, trace Cobble
2/16/2012	Water Utility	WU-0216F	5	42.36510	71.36687	0.8	Dark Brown F-C Sand, some Gravel, trace Cobble
2/16/2012	Water Utility	WU-0216G	3	42.36512	71.36699	9.3	Dark Brown F-C Sand, some Gravel, trace Cobble
2/16/2012	Water Utility	WU-0216H	4	42.36506	71.36694	1.8	Dark Brown F-C Sand, some Gravel, trace Cobble
2/20/2012	Southern Lot	SL-0220A	4	42.36498	71.36821	0.2	Light Brown and yellow F-C Sand, some Gravel
2/20/2012	Southern Lot	SL-0220B	4	42.36508	71.36850	0.0	Light Brown and yellow F-C Sand, some Gravel
2/21/2012	Raytheon Building Pad	RP-0221A	6	42.36550	71.36786	0.1	Brown and Yellow F-C Sand, some Gravel
2/21/2012	Water Utility	WU-0221A	8	42.36483	71.36858	0.2	Brown to Dark Brown F-C Sand, some Gravel
2/21/2012	Raytheon Building Pad	RP-0221B	5	42.36547	71.36772	0.0	Brown and Yellow F-C Sand, some Gravel
2/22/2012	Water Utility	WU-0222A	10	42.36475	71.36882	0.0	ght Brown and yellow F-C Sand, some Gravel, trace Cobl
2/22/2012	Water Utility	WU-0222B	11	42.36473	71.36918	0.1	ght Brown and yellow F-C Sand, some Gravel, trace Cobl
2/24/2012	Raytheon Building Pad	RP-0224A	4	42.36487	71.36676	0.0	Dark Brown F-C Sand, some Gravel
2/24/2012	Raytheon Building Pad	RP-0224B	4	42.36493	71.36664	0.0	Dark Brown F-C Sand, some Gravel
2/27/2012	Sewer Utility	SU-0227A	14	42.36395	71.36844	0.1	Brown F-C Sand and Gravel, some Cobble
2/27/2012	Raytheon Building Pad	RP-0227A	4	42.36448	42.36772	0.0	Brown F-C sand,some Gravel
2/28/2012	Raytheon Building Pad	RP-0228A	3	42.36535	71.36823	0.2	Brown F-C Sand, some Gravel
2/28/2012	Sewer Utility	SU-0228A	14	42.36399	71.36861	0.1	Tan and Yellow F-C Sand, some Gravel and Cobble
2/28/2012	Sewer Utility	SU-0228B	14	42.36396	71.36831	0.0	Tan and Yellow F-C Sand, some Gravel and Cobble
2/29/2012	Water Utility	WU-0229A	7	42.36403	71.37016	0.1	Brown M-C Sand, trace Gravel
3/2/2012	Water Utility	WU-0302A	4	42.36508	71.36686	0.2	Brown F-C Sand, some Gravel
3/2/2012	Sewer Utility	SU-0302A	12	42.36420	71.36779	0.1	Brown F-C Sand, some Gravel
3/2/2012	Water Utility	WU-0302B	7	42.36470	71.36664	0.1	Brown F-C Sand, some Gravel
3/5/2012	Raytheon Building Pad	RP-0305A	3	42.36415	71.36803	7.1	Brown F-C Sand, little Gravel
3/5/2012	Raytheon Building Pad	RP-0305B	3	42.36414	71.36798	1.5	Brown F-C Sand, little Gravel
3/5/2012	Raytheon Building Pad	RP-0305C	3	42.36414	71.36800	1.1	Brown F-C Sand, little Gravel
3/5/2012	Water Utility	WU-0305A	7	42.36420	71.36676	0.4	Brown and Tan F-C Sand, little Gravel
3/5/2012	Water Utility	WU-0305B	7	42.36422	71.36660	0.1	Brown and Tan F-C Sand, little Gravel
3/6/2012	Sewer Utility	SU-0306A	9	42.36382	71.36942	0.0	Brown F-C Sand, some Gravel
3/6/2012	Water Utility	WU-0306A	6	42.36409	71.36642	0.1	Brown F-C Sand, some Gravel
3/6/2012	Sewer Utility	SU-0306B	10	42.36390	71.36942	0.1	Brown F-C Sand, some Gravel
3/6/2012	Water Utility	WU-0306B	7	42.36405	71.36627	0.2	Brown F-C Sand, some Gravel, trace Silt
3/6/2012	Infiltration Chamber 2	IC-2-0306A	10	42.36355	71.37030	0.1	Brown F-C Sand, some Gravel
3/6/2012	Sewer Utility	SU-0306C	12	42.36402	71.36945	0.2	Brown F-C Sand, some Gravel
3/6/2012	Water Utility	WU-0306C	7	42.36408	71.36619	0.1	Brown F-C Sand, some Gravel
3/6/2012	Sewer Utility	SU-0306D	13	42.36426	71.36426	4.3	Brown F-C Sand, little Gravel
3/7/2012	Sewer Utility	SU-0307A	13	42.36433	71.36775	0.0	Brown F-C Sand, some Gravel
3/7/2012	Southern Lot	SL-0307A	6	42.36445	71.36937	0.0	Brown F-C Sand, little Gravel
3/9/2012	Sewer Utility	SU-0309A	9	42.36454	71.36715	0.1	Tan and yellow F-M Sand
3/12/2012	Sewer Utility	SU-0312A	4	42.36460	71.36694	1.8	Brown F-C Sand, little Gravel
3/12/2012	Sewer Utility	SU-0312B	7	42.36453	71.36687	0.0	Brown F-C Sand, little Gravel
3/12/2012	Sewer Utility	SU-0312C	2	42.36434	71.36680	0.1	Brown F-C Sand, little Gravel
3/12/2012	Sewer Utility	SU-0312D	4	42.36462	71.36681	0.7	Brown F-C Sand, little Gravel
3/14/2012	Water Utility	WU-0314A	5	42.36451	71.36830	0.0	Brown and Tan F-C Sand, little Gravel
3/19/2012	Water Utility	WU-0319A	3	42.35538	71.36673	0.0	Light Brown F-C Sand, trace Gravel and Silt
3/19/2012	Water Utility	WU-0319B	5	42.36549	71.36675	0.0	Light Brown F-C Sand, trace Gravel and Silt
3/20/2012	Sewer Utility	SU-0320A	7	42.36045	71.36895	0.1	Brown F-C Sand, some Gravel
3/20/2012	Water Utility	WU-0320A	6	42.36584	71.36654	0.0	Light Brown and Yellow F-M Sand
3/20/2012	Water Utility	WU-0320B	6	42.36578	71.36610	0.1	Light Brown and Yellow F-M Sand
3/21/2012	Sewer Utility	SU-0321A	8	42.36467	71.36645	0.0	Brown F-C Sand, little Gravel
3/21/2012	Water Utility	WU-0321A	8	42.36467	71.36714	0.0	Brown F-C Sand, little Gravel
3/22/2012	Sewer Utility	SU-0322A	8	42.36363	71.36895	0.0	Brown and Yellow F-C Sand, trace little Gravel
3/23/2012	Sewer Utility	SU-0323A	7	42.36388	71.36852	0.0	Tan F-C Sand, little Gravel
3/23/2012	Sewer Utility	SU-0323B	9	42.36401	71.36814	0.1	Tan F-C Sand, little Gravel
3/26/2012	Water Utility	WU-0326A	8	42.36349	71.36968	0.0	Tan M-C Sand, some Gravel
3/26/2012	Sewer Utility	SU-0326A	10	42.36442	71.36885	0.1	Brown F-C Sand, trace Gravel
3/28/2012	Sewer Utility	SU-0328A	9	42.36440	71.36883	0.0	Brown F-C Sand, trace Gravel
3/28/2012	Water Utility	WU-0328A	9	42.36527	71.36857	0.0	Brown F-C Sand, trace Gravel
3/29/2012	Water Utility	WU-0329A	6	42.36605	71.36637	0.0	Tan and Brown F-C Sand, little Gravel
3/29/2012	Water Utility	WU-0329B	7	42.36619	71.36632	0.1	Tan and Brown F-C Sand, little Gravel
3/29/2012	Water Utility	WU-0329C	6	42.36628	71.36608	0.0	Dark Orange F-M Sand, trace Gravel
4/2/2012	Sewer Utility	SU-0402A	11	42.36361	71.37013	0.0	Brown and Tan M-C Sand
4/2/2012	Sewer Utility	SU-0402B	6	42.36359	71.37065	0.0	Brown F-C Sand, some Gravel
4/3/2013	Pump Station	PS-0403A	4	42.36364	71.36907	0.0	Tan and Yellow F-C Sand, trace Gravel
4/3/2012	Sewer Utility	SU-0403A	7	42.36379	71.37073	0.0	Brown F-C Sand, some Gravel
4/3/2012	Pump Station	PS-0403B	10	42.36357	71.36943	0.2	Brown and Tan F-C Sand, some Gravel
4/4/2012	Sewer Utility	SU-0404A	5	42.36442	71.36729	0.1	Brown F-C Sand, little Gravel
4/4/2012	Sewer Utility	SU-0404B	9	42.36450	71.36794	0.0	Tan and Brown F-C Sand, little Gravel
4/4/2012	Sewer Utility	SU-0404C	9	42.36455	71.36797	0.0	Tan and Brown F-C Sand, little Gravel
4/10/2012	Sewer Utility	SU-0410A	12	42.36374	71.36954	0.1	Tan and Brown F-C Sand, little Gravel
4/13/2012	Bioretention Basin 1	B 1 0413A	4	42.36361	71.37109	0.0	Light Brown F-C Sand, trace Gravel
4/13/2012	Bioretention Basin 1	B 1 0413B	7	42.36359	71.37111	0.0	Light Brown F-C Sand, trace Gravel
4/13/2012	Bioretention Basin 1	B 1 0413C	5	42.36356	71.37113	0.1	Light Brown F-C Sand, trace Gravel
4/13/2012	Bioretention Basin 1	B 1 0413D	7	42.36360	71.37106	0.0	Light Brown F-C Sand, trace Gravel
4/13/2012	Bioretention Basin 1	B 1 0413E	7	42.36357	71.37105	0.2	Light Brown F-C Sand, trace Gravel
4/13/2012	Bioretention Basin 1	B 1 0413F	7	42.36357	71.37105	0.0	Light Brown F-C Sand, trace Gravel

Notes:
1. Data presented in milligrams per cubic meter (mg/m^3) of total dust.

Table 1
Summary of Soil Screening
430 Boston Post Road
Wayland, Massachusetts

Date	Location	Sample Identification	Depth	Latitude	Longitude	Measurement	Comments
4/16/2012	Bioretention Basin 1	B 1 0416A	5	42.36357	71.37090	0.1	Brown F-C Sand, little Gravel
4/16/2012	Bioretention Basin 1	B 1 0146B	7	42.36354	71.37090	0.1	Brown F-C Sand, little Gravel
4/16/2012	Bioretention Basin 1	B 1 0146C	7	42.36349	71.37092	0.1	Brown F-C Sand, little Gravel
5/2/2012	Grease Trap	GT-0502A	8	42.36395	71.37006	0.0	Brown F-C Sand, little Gravel
5/2/2012	Grease Trap	GT-0502B	8	42.36400	71.37009	0.0	Brown F-C Sand, little Gravel
5/2/2012	Grease Trap	GT-0502C	8	42.36402	71.37002	0.0	Brown F-C Sand, little Gravel
5/2/2012	Grease Trap	GT-0502D	8	42.36399	71.36998	0.0	Brown F-C Sand, little Gravel
5/2/2012	Grease Trap	GT-0502E	7	42.36400	71.36893	0.0	Brown F-C Sand, little Gravel
5/2/2012	Grease Trap	GT-0502F	7	42.36414	71.36892	0.0	Brown F-C Sand, little Gravel
5/2/2012	Grease Trap	GT-0502G	7	42.36418	71.36898	0.2	Brown F-C Sand, little Gravel
5/2/2012	Grease Trap	GT-0502H	7	42.36408	71.36808	0.1	Brown F-C Sand, little Gravel
5/2/2012	Grease Trap	GT-0502I	5	42.36412	71.36831	0.0	Brown F-C Sand, little Gravel
5/2/2012	Grease Trap	GT-0502J	7	42.36467	71.36968	0.0	Brown F-C Sand, little Gravel
5/2/2012	Grease Trap	GT-0502K	7	42.36418	71.36969	0.1	Brown F-C Sand, little Gravel
5/2/2012	Grease Trap	GT-0502L	4	42.36447	71.36819	0.0	Brown F-C Sand, little Gravel
5/2/2012	Grease Trap	GT-0502M	4	42.36454	71.36830	0.0	Brown F-C Sand, little Gravel
5/2/2012	Grease Trap	GT-0502N	6	42.36439	71.36795	0.0	Brown F-C Sand, little Gravel
5/2/2012	Grease Trap	GT-0502O	6	42.36442	71.36793	0.1	Brown F-C Sand, little Gravel
5/2/2012	Grease Trap	GT-0502P	6	42.36450	71.36792	0.0	Brown F-C Sand, little Gravel
5/2/2012	Grease Trap	GT-0502Q	6	42.36459	71.36810	0.0	Brown F-C Sand, little Gravel
5/2/2012	Electrical Box	EB-0502A	9	42.36361	71.37073	0.1	Brown F-C Sand, little Gravel
6/4/2012	Trench	S-1	5	42.36428	71.37129	0.0	Brown F-C Sand, little Gravel & Cobbles
6/4/2012	Trench	S-2	6	42.36427	71.37131	0.1	Brown F-C Sand, little Gravel & Cobbles
6/4/2012	Trench	S-3	5.5	42.36425	71.37118	0.0	Brown F-C Sand, little Gravel & Cobbles
6/4/2012	Trench	S-4	6	42.36420	71.37109	0.0	Brown F-C Sand, little Gravel & Cobbles
6/4/2012	Trench	S-5	5.5	42.36438	71.37128	0.0	Brown F-C Sand, little Gravel & Cobbles
6/5/2012	Trench	S-6	6	42.36438	71.37127	0.0	Brown F-C Sand, little Gravel & Cobbles
6/5/2012	Trench	S-7	7	42.36445	71.37.125	0.0	Brown F-C Sand, little Gravel & Cobbles
6/5/2012	Trench	S-8	7	42.36448	71.37120	0.1	Brown F-C Sand, little Gravel & Cobbles
6/5/2012	Trench	S-9	8	42.36455	71.37110	0.1	Brown F-C Sand, little Gravel & Cobbles
6/5/2012	Trench	S-10	8	42.36460	71.36106	0.0	Brown F-C Sand, little Gravel & Cobbles
6/6/2012	Trench	S-11	8	---	---	0.2	Brown F-C Sand, little Gravel & Cobbles
6/6/2012	Trench	S-12	8	---	---	0.0	Brown F-C Sand, little Gravel & Cobbles
6/6/2012	Trench	S-13	8	---	---	0.0	Brown F-C Sand, little Gravel & Cobbles
6/6/2012	Trench	S-14	8	---	---	0.0	Brown F-C Sand, little Gravel & Cobbles
6/6/2012	Trench	S-15	8	---	---	0.0	Brown F-C Sand, little Gravel & Cobbles
12/4/2012	Out Fall 36"	OF36-A	4.5	42.36500	71.37203	0.4	Brown F-C Sand, little Gravel
12/4/2012	Out Fall 36"	OF36-B	4.5	42.36500	71.37198	0.3	Brown F-C Sand, little Gravel
12/4/2012	Out Fall 36"	OF36-C	4.5	42.36495	71.37178	0.3	Brown F-C Sand, little Gravel
12/4/2012	Out Fall 36"	OF36-D	4.5	42.36507	71.37170	0.3	Brown F-C Sand, little Gravel
12/4/2012	Out Fall 36"	OF36-E	5.5	42.36499	71.37136	0.1	Brown F-C Sand, little Gravel
12/4/2012	Out Fall 36"	OF36-F	5.5	42.36500	71.37151	0.5	Brown F-C Sand, little Gravel
12/5/2012	Out Fall 36"	OF36-G	7	42.03652	71.37146	0.0	Brown F-C Sand, little Gravel
12/5/2012	Out Fall 36"	OF36-H	8	42.36507	71.37132	0.0	Brown F-C Sand, little Gravel
12/5/2012	Out Fall 36"	OF36-I	8	42.36502	71.37126	0.0	Brown F-C Sand, little Gravel
12/5/2012	Out Fall 36"	OF36-J	8	42.36504	71.37110	0.0	Brown F-C Sand, little Gravel
12/5/2012	Out Fall 36"	OF36-K	9	42.36532	71.37095	0.0	Brown F-C Sand, little Gravel
12/5/2012	Out Fall 36"	OF36-L	9	42.36516	71.37074	0.1	Brown F-C Sand, little Gravel
12/5/2012	Out Fall 36"	OF36-M	9	42.36511	71.37055	0.0	Brown F-C Sand, little Gravel
12/5/2012	Out Fall 36"	OF36-N	9	42.36508	71.37041	0.0	Brown F-C Sand, little Gravel
12/5/2012	Out Fall 36"	OF36-O	9	42.36531	71.37026	0.3	Brown F-C Sand, little Gravel
12/5/2012	Out Fall 36"	OF36-P	9	42.36526	71.37011	0.7	Brown F-C Sand, little Gravel
12/5/2012	Out Fall 36"	OF36-Q	9	42.36536	71.37004	0.6	Brown F-C Sand, little Gravel
12/6/2012	Out Fall 36"	OF36-R	9	42.36527	71.36979	0.0	Brown F-C Sand, little Gravel
12/6/2012	Out Fall 36"	OF36-S	9	42.36524	71.36976	0.0	Brown F-C Sand, little Gravel
12/6/2012	Out Fall 36"	OF36-T	9	42.36516	71.36952	0.1	Brown F-C Sand, little Gravel
12/6/2012	Out Fall 36"	OF36-U	9	42.36535	71.36932	0.0	Brown F-C Sand, little Gravel
12/6/2012	Out Fall 36"	OF36-V	9	42.36540	71.36906	0.1	Brown F-C Sand, little Gravel
12/6/2012	Out Fall 36"	OF36-W	9	42.36533	71.36909	0.0	Brown F-C Sand, little Gravel

Notes:

1. Location based upon plans and figures provided by site contractors.
2. Sample depth presented in feet below ground surface prior to excavation activities.
3. Measurement = total organic vapors presented in parts per million (ppm).
4. * = Sample of material located inside of a hydraulic lift pipe, collected ex-situ and is not representative of subsurface soil conditions.

Notes:

1. Data presented in milligrams per cubic meter (mg/m^3) of total dust.

Table 2
Summary of Soil Analytical Data - Post Excavation UST Removal
430 Boston Post Road
Wayland, Massachusetts

Parameter	20,000-gallon No. 6 Fuel Oil UST											'MCP - Method 1 Cleanup Standards								
	BT-G-20k-13	BT-H-20k-14	SW-A-20k-11	SW-B-20k-10	SW-C-20k-9	SW-D-20k-11	SW-E-20k-10	SW-F-20k-9	BT-20K PIPE-6	BT-20K PIPE-7	RP-0124A	S-1/GW-1	S-1/GW-2	S-1/GW-3	S-2/GW-1	S-2/GW-2	S-2/GW-3	S-3/GW-1	S-3/GW-2	S-3/GW-3
Sampling Date	12/8/2011 1:05:00 PM	12/8/2011 1:20:00 PM	12/8/2011 11:45:00 AM	12/8/2011 11:55:00 AM	12/8/2011 12:05:00 PM	12/8/2011 12:30:00 PM	12/8/2011 12:45:00 PM	12/8/2011 12:55:00 PM	12/23/2011 8:00:00 AM	12/23/2011 7:30:00 AM	1/24/2012 10:00:00 AM									
Sample Depth (feet below ground surface)	13	14	11	10	9	11	10	9	6	7	0- Feet									
MADEP-EPH-04-1.1 (mg/Kg dry)																				
C9-C18 ALIPHATICS	31	**5700**	14	ND (12)	ND (22)	ND (23)	ND (22)	ND (22)	16	ND (11)	35	1000	1000	1000	3000	3000	3000	5000	5000	5000
C19-C36 ALIPHATICS	53	**6000**	ND (13)	ND (12)	67	ND (23)	ND (22)	ND (22)	65	ND (11)	17	3000	3000	3000	5000	5000	5000	5000	5000	5000
C11-C22 AROMATICS	87	**10000**	32	16	58	55	59	40	82	28	57	1000	1000	1000	1000	3000	3000	1000	5000	5000
ACENAPHTHENE	ND (0.23)	**6.4**	ND (0.13)	ND (0.12)	ND (0.22)	ND (0.23)	ND (0.22)	ND (0.22)	0.15	ND (0.11)	ND (0.11)	4	1000	1000	4	3000	3000	4	5000	5000
ACENAPHTHYLENE	ND (0.23)	**9.3**	ND (0.13)	ND (0.12)	ND (0.22)	ND (0.23)	ND (0.22)	ND (0.22)	ND (0.11)	ND (0.11)	ND (0.11)	1	600	10	1	600	10	1	600	10
ANTHRACENE	0.28	2.2	ND (0.13)	ND (0.12)	ND (0.22)	ND (0.23)	0.42	ND (0.22)	0.22	0.17	0.14	1000	1000	1000	3000	3000	3000	5000	5000	5000
BENZO(A)ANTHRACENE	0.72	3.6	ND (0.13)	ND (0.12)	ND (0.22)	0.95	1.5	0.64	0.51	0.91	0.79	7	7	7	40	40	40	300	300	300
BENZO(A)PYRENE	0.63	**3.4**	ND (0.13)	ND (0.12)	ND (0.22)	0.80	0.94	0.57	0.41	0.83	0.85	2	2	2	4	4	4	30	30	30
BENZO(B)FLUORANTHENE	0.93	1.4	ND (0.13)	ND (0.12)	ND (0.22)	1.1	1.5	0.75	0.66	1.2	1.2	7	7	7	40	40	40	300	300	300
BENZO(G,H,I)PERYLENE	0.42	ND (1.1)	ND (0.13)	ND (0.12)	ND (0.22)	0.49	0.48	0.36	0.27	0.52	0.51	1000	1000	1000	3000	3000	3000	5000	5000	5000
BENZO(K)FLUORANTHENE	0.33	ND (1.1)	ND (0.13)	ND (0.12)	ND (0.22)	0.39	0.56	ND (0.22)	0.22	0.45	0.46	70	70	70	400	400	400	3000	3000	3000
CHRYSENE	0.80	ND (1.1)	ND (0.13)	ND (0.12)	ND (0.22)	0.92	1.4	0.63	0.64	0.91	0.75	70	70	70	400	400	400	3000	3000	3000
DIBENZ(A,H)ANTHRACENE	ND (0.23)	**ND (1.1) ***	ND (0.13)	ND (0.12)	ND (0.22)	ND (0.23)	ND (0.22)	ND (0.22)	ND (0.11)	0.15	0.15	0.7	0.7	0.7	4	4	4	30	30	30
FLUORANTHENE	1.6	9.6	ND (0.13)	ND (0.12)	ND (0.22)	1.7	2.9	1.2	1.2	2.5	2.0	1000	1000	1000	3000	3000	3000	5000	5000	5000
FLUORENE	0.24	ND (1.1)	ND (0.13)	ND (0.12)	ND (0.22)	ND (0.23)	ND (0.22)	ND (0.22)	0.15	ND (0.11)	0.11	1000	1000	1000	3000	3000	3000	5000	5000	5000
INDENO(1,2,3-CD)PYRENE	0.44	ND (1.1)	ND (0.13)	ND (0.12)	ND (0.22)	0.55	0.63	0.37	0.25	0.56	0.57	7	7	7	40	40	40	300	300	300
2-METHYLNAPHTHALENE	ND (0.23)	**17**	0.37	ND (0.12)	ND (0.22)	ND (0.23)	ND (0.22)	ND (0.22)	ND (0.11)	ND (0.11)	ND (0.11)	0.7	80	300	0.7	80	500	0.7	80	500
NAPHTHALENE	ND (0.23)	**15**	0.15	ND (0.12)	ND (0.22)	ND (0.23)	ND (0.22)	ND (0.22)	ND (0.11)	ND (0.11)	ND (0.11)	4	40	500	4	40	1000	4	40	3000
PHENANTHRENE	0.98	**12**	0.19	ND (0.12)	ND (0.22)	0.72	1.8	0.65	0.86	0.74	0.47	10	500	500	10	1000	1000	10	3000	3000
PYRENE	1.6	34	ND (0.13)	0.24	ND (0.22)	1.8	2.7	1.3	1.4	1.9	1.0	1000	1000	1000	3000	3000	3000	5000	5000	5000
MADEP-VPH-04-1.1 (mg/Kg dry)																				
C5-C8 ALIPHATICS	ND (11)	31	ND (21)	ND (15)	ND (12)	ND (14)	ND (8.4)	ND (9.6)	ND (16)	ND (15)	ND (15)	100	100	100	500	500	500	500	500	500
C9-C12 ALIPHATICS	ND (11)	96	ND (21)	ND (15)	ND (12)	ND (14)	ND (8.4)	ND (9.6)	ND (16)	ND (15)	ND (15)	1000	1000	1000	3000	3000	3000	5000	5000	5000
C9-C10 AROMATICS	ND (11)	**220**	ND (21)	ND (15)	ND (12)	ND (14)	ND (8.4)	ND (9.6)	ND (16)	ND (15)	ND (15)	100	100	100	300	500	500	300	500	500
BENZENE	ND (0.054)	0.17	ND (0.10)	ND (0.077)	ND (0.061)	ND (0.070)	ND (0.042)	ND (0.048)	ND (0.081)	ND (0.074)	ND (0.076)	2	30	30	2	200	200	2	700	900
ETHYLBENZENE	ND (0.054)	1.9	ND (0.10)	ND (0.077)	ND (0.061)	ND (0.070)	ND (0.042)	ND (0.048)	ND (0.081)	ND (0.074)	ND (0.076)	40	500	500	40	1000	1000	40	1000	3000
MTBE	ND (0.054)	ND (0.055)	ND (0.10)	ND (0.077)	ND (0.061)	ND (0.070)	ND (0.042)	ND (0.048)	ND (0.081)	ND (0.074)	ND (0.076)	0.1	100	100	0.1	100	500	0.1	100	500
NAPHTHALENE	ND (0.27)	**6.8**	ND (0.52)	ND (0.39)	ND (0.31)	ND (0.35)	ND (0.21)	ND (0.24)	ND (0.41)	ND (0.37)	ND (0.38)	4	40	500	4	40	1000	4	40	3000
TOLUENE	ND (0.054)	ND (0.055)	ND (0.10)	ND (0.077)	ND (0.061)	ND (0.070)	ND (0.042)	ND (0.048)	ND (0.081)	ND (0.074)	ND (0.076)	30	500	500	30	1000	1000	30	2000	3000
M/P-XYLENE	ND (0.11)	0.28	ND (0.21)	ND (0.15)	ND (0.12)	ND (0.14)	ND (0.084)	ND (0.096)	ND (0.16)	ND (0.15)	ND (0.15)	400	300	500	400	300	1000	400	300	3000
O-XYLENE	ND (0.054)	0.50	ND (0.10)	ND (0.077)	ND (0.061)	ND (0.070)	ND (0.042)	ND (0.048)	ND (0.081)	ND (0.074)	ND (0.076)	400	300	500	400	300	1000	400	300	3000
SM 2540G (% Wt)																				
% Solidsxxx	85.8	89.4	74.1	82.8	90.3	86.2	91.2	90.3	92.5	90.9	93.8	~	~	~	~	~	~	~	~	~
SW-846 6010C (mg/Kg dry) Metals Digestion																				
Arsenic	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	20	20	20	20	20	20	20	20	20
Barium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1000	1000	1000	3000	3000	3000	5000	5000	5000
Cadmium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2	2	2	30	30	30	30	30	30
Chromium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	30	30	30	200	200	200	200	200	200
LEAD	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	300	300	300	300	300	300	300	300	300
Selenium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	400	400	400	800	800	800	800	800	800
Silver	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	100	100	100	200	200	200	200	200	200
SW-846 7471B (mg/Kg dry) Metals Digestion																				
Mercury	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	20	20	20	30	30	30	30	30	30
SW-846 8082A (mg/Kg dry)																				
PCB 1016	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2	2	2	3	3	3	3	3	3
PCB 1221	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2	2	2	3	3	3	3	3	3
PCB 1232	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2	2	2	3	3	3	3	3	3
PCB 1242	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2	2	2	3	3	3	3	3	3
PCB 1248	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2	2	2	3	3	3	3	3	3
PCB 1254	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2	2	2	3	3	3	3	3	3
PCB 1260	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2	2	2	3	3	3	3	3	3
PCB 1262	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2	2	2	3	3	3	3	3	3
PCB 1268	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2	2	2	3	3	3	3	3	3

Table 2
Summary of Soil Analytical Data - Post Excavation UST Removal
430 Boston Post Road
Wayland, Massachusetts

Parameter	20,000-gallon No. 6 Fuel Oil UST											'MCP - Method 1 Cleanup Standards								
	BT-G-20k-13	BT-H-20k-14	SW-A-20k-11	SW-B-20k-10	SW-C-20k-9	SW-D-20k-11	SW-E-20k-10	SW-F-20k-9	BT-20K PIPE-6	BT-20K PIPE-7	RP-0124A	S-1/GW-1	S-1/GW-2	S-1/GW-3	S-2/GW-1	S-2/GW-2	S-2/GW-3	S-3/GW-1	S-3/GW-2	S-3/GW-3
Sampling Date	12/8/2011 1:05:00 PM	12/8/2011 1:20:00 PM	12/8/2011 11:45:00 AM	12/8/2011 11:55:00 AM	12/8/2011 12:05:00 PM	12/8/2011 12:30:00 PM	12/8/2011 12:45:00 PM	12/8/2011 12:55:00 PM	12/23/2011 8:00:00 AM	12/23/2011 7:30:00 AM	1/24/2012 10:00:00 AM									
Sample Depth (feet below ground surface)	13	14	11	10	9	11	10	9	6	7	0- Feet									
SW-846 8260C (mg/Kg dry)																				
ACETONE	ND (0.037)	ND (6.0)	ND (0.15)	0.78	0.28	ND (0.041)	ND (0.056)	ND (0.052)	ND (0.13)	ND (0.12)	ND (0.29)	6	50	400	6	50	400	6	50	400
TERT-AMYLMETHYL ETHER	ND (0.00037)	ND (0.060)	ND (0.0015)	ND (0.0011)	ND (0.0012)	ND (0.00041)	ND (0.00056)	ND (0.00052)	ND (0.0013)	ND (0.0012)	ND (0.0014)	~	~	~	~	~	~	~	~	~
BENZENE	ND (0.00074)	ND (0.12)	ND (0.0030)	ND (0.0023)	ND (0.0024)	ND (0.00082)	ND (0.0011)	ND (0.0010)	ND (0.0026)	ND (0.0025)	ND (0.0029)	2	30	30	2	200	200	2	700	900
BROMOBENZENE	ND (0.00074)	ND (0.12)	ND (0.0030)	ND (0.0023)	ND (0.0024)	ND (0.00082)	ND (0.0011)	ND (0.0010)	ND (0.0026)	ND (0.0025)	ND (0.0029)	~	~	~	~	~	~	~	~	~
BROMOCHLOROMETHANE	ND (0.00074)	ND (0.12)	ND (0.0030)	ND (0.0023)	ND (0.0024)	ND (0.00082)	ND (0.0011)	ND (0.0010)	ND (0.0026)	ND (0.0025)	ND (0.0029)	~	~	~	~	~	~	~	~	~
BROMODICHLOROMETHANE	ND (0.00074)	**ND (0.12) ***	ND (0.0030)	ND (0.0023)	ND (0.0024)	ND (0.00082)	ND (0.0011)	ND (0.0010)	ND (0.0026)	ND (0.0025)	ND (0.0029)	0.1	0.1	20	0.1	0.1	100	0.1	0.1	500
BROMOFORM	ND (0.00074)	**ND (0.12) ***	ND (0.0030)	ND (0.0023)	ND (0.0024)	ND (0.00082)	ND (0.0011)	ND (0.0010)	ND (0.0026)	ND (0.0025)	ND (0.0029)	0.1	1	200	0.1	1	800	0.1	1	800
BROMOMETHANE	ND (0.0037)	**ND (0.60) ***	ND (0.015)	ND (0.011)	ND (0.012)	ND (0.0041)	ND (0.0056)	ND (0.0052)	ND (0.013)	ND (0.012)	ND (0.014)	0.5	0.5	30	0.5	0.5	30	0.5	0.5	30
2-BUTANONE (MEK)	ND (0.015)	ND (2.4)	ND (0.060)	ND (0.046)	ND (0.047)	ND (0.016)	ND (0.022)	ND (0.021)	ND (0.053)	ND (0.049)	ND (0.058)	4	50	400	4	50	400	4	50	400
N-BUTYLBENZENE	0.0010	ND (0.12)	ND (0.0030)	ND (0.0023)	ND (0.0024)	ND (0.00082)	ND (0.0011)	ND (0.0010)	ND (0.0026)	ND (0.0025)	ND (0.0029)	~	~	~	~	~	~	~	~	~
SEC-BUTYLBENZENE	ND (0.00074)	0.21	ND (0.0030)	ND (0.0023)	ND (0.0024)	ND (0.00082)	ND (0.0011)	ND (0.0010)	ND (0.0026)	ND (0.0025)	ND (0.0029)	~	~	~	~	~	~	~	~	~
TERT-BUTYLBENZENE	ND (0.00074)	ND (0.12)	ND (0.0030)	ND (0.0023)	ND (0.0024)	ND (0.00082)	ND (0.0011)	ND (0.0010)	ND (0.0026)	ND (0.0025)	ND (0.0029)	~	~	~	~	~	~	~	~	~
TERT-BUTYLETHYL ETHER	ND (0.00037)	ND (0.060)	ND (0.0015)	ND (0.0011)	ND (0.0012)	ND (0.00041)	ND (0.00056)	ND (0.00052)	ND (0.0013)	ND (0.0012)	ND (0.0014)	~	~	~	~	~	~	~	~	~
CARBON DISULFIDE	ND (0.0022)	ND (1.2)	ND (0.0090)	ND (0.0068)	ND (0.0071)	ND (0.0025)	ND (0.0034)	ND (0.0031)	ND (0.0079)	ND (0.0074)	ND (0.14)	~	~	~	~	~	~	~	~	~
CARBON TETRACHLORIDE	ND (0.00074)	ND (0.12)	ND (0.0030)	ND (0.0023)	ND (0.0024)	ND (0.00082)	ND (0.0011)	ND (0.0010)	ND (0.0026)	ND (0.0025)	ND (0.0029)	10	5	10	10	5	60	10	5	400
CHLOROBENZENE	ND (0.00074)	ND (0.12)	ND (0.0030)	ND (0.0023)	ND (0.0024)	ND (0.00082)	ND (0.0011)	ND (0.0010)	ND (0.0026)	ND (0.0025)	ND (0.0029)	1	3	100	1	3	100	1	3	100
CHLORODIBROMOMETHANE	ND (0.00074)	**ND (0.060) ***	ND (0.0030)	ND (0.0023)	ND (0.0024)	ND (0.00082)	ND (0.0011)	ND (0.0010)	ND (0.0026)	ND (0.0025)	ND (0.0014)	0.005	0.03	20	0.005	0.03	100	0.005	0.03	500
CHLOROETHANE	ND (0.0037)	ND (0.24)	ND (0.015)	ND (0.011)	ND (0.012)	ND (0.0041)	ND (0.0056)	ND (0.0052)	ND (0.013)	ND (0.012)	ND (0.014)	~	~	~	~	~	~	~	~	~
CHLOROFORM	ND (0.0015)	ND (0.24)	ND (0.0060)	ND (0.0046)	ND (0.0047)	ND (0.0016)	ND (0.0022)	ND (0.0021)	ND (0.0053)	ND (0.0049)	ND (0.0058)	0.4	0.3	400	0.4	0.3	800	0.4	0.3	800
CHLOROMETHANE	ND (0.0037)	ND (0.24)	ND (0.015)	ND (0.011)	ND (0.012)	ND (0.0041)	ND (0.0056)	ND (0.0052)	ND (0.013)	ND (0.012)	ND (0.014)	~	~	~	~	~	~	~	~	~
2-CHLOROTOLUENE	ND (0.00074)	ND (0.12)	ND (0.0030)	ND (0.0023)	ND (0.0024)	ND (0.00082)	ND (0.0011)	ND (0.0010)	ND (0.0026)	ND (0.0025)	ND (0.0029)	~	~	~	~	~	~	~	~	~
4-CHLOROTOLUENE	ND (0.00074)	ND (0.12)	ND (0.0030)	ND (0.0023)	ND (0.0024)	ND (0.00082)	ND (0.0011)	ND (0.0010)	ND (0.0026)	ND (0.0025)	ND (0.0029)	~	~	~	~	~	~	~	~	~
1,2-DIBROMO-3-CHLOROPROPANE	ND (0.0015)	ND (0.48)	ND (0.0060)	ND (0.0046)	ND (0.0047)	ND (0.0016)	ND (0.0022)	ND (0.0021)	ND (0.0053)	ND (0.0049)	ND (0.0058)	~	~	~	~	~	~	~	~	~
EDB	ND (0.00037)	ND (0.060)	ND (0.0015)	ND (0.0011)	ND (0.0012)	ND (0.00041)	ND (0.00056)	ND (0.00052)	ND (0.0013)	ND (0.0012)	ND (0.0014)	~	~	~	~	~	~	~	~	~
DIBROMOMETHANE	ND (0.00074)	ND (0.12)	ND (0.0030)	ND (0.0023)	ND (0.0024)	ND (0.00082)	ND (0.0011)	ND (0.0010)	ND (0.0026)	ND (0.0025)	ND (0.0029)	~	~	~	~	~	~	~	~	~
1,2-DICHLOROBENZENE	ND (0.00074)	0.47	ND (0.0030)	ND (0.0023)	ND (0.0024)	ND (0.00082)	ND (0.0011)	ND (0.0010)	ND (0.0026)	ND (0.0025)	ND (0.0029)	9	30	300	9	30	300	9	30	300
1,3-DICHLOROBENZENE	ND (0.00074)	0.52	ND (0.0030)	ND (0.0023)	ND (0.0024)	ND (0.00082)	ND (0.0011)	ND (0.0010)	ND (0.0026)	ND (0.0025)	ND (0.0029)	1	40	100	1	40	500	1	40	500
1,4-DICHLOROBENZENE	ND (0.00074)	0.59	ND (0.0030)	ND (0.0023)	ND (0.0024)	ND (0.00082)	ND (0.0011)	ND (0.0010)	ND (0.0026)	ND (0.0025)	ND (0.0029)	0.7	4	50	0.7	4	300	0.7	4	2000
DICHLORODIFLUOROMETHANE	ND (0.0037)	ND (0.24)	ND (0.015)	ND (0.011)	ND (0.012)	ND (0.0041)	ND (0.0056)	ND (0.0052)	ND (0.013)	ND (0.012)	ND (0.014)	~	~	~	~	~	~	~	~	~
1,1-DICHLOROETHANE	ND (0.00074)	ND (0.12)	ND (0.0030)	ND (0.0023)	ND (0.0024)	ND (0.00082)	ND (0.0011)	ND (0.0010)	ND (0.0026)	ND (0.0025)	ND (0.0029)	0.4	5	500	0.4	5	1000	0.4	5	1000
1,2-DICHLOROETHANE	ND (0.00074)	**ND (0.12) ***	ND (0.0030)	ND (0.0023)	ND (0.0024)	ND (0.00082)	ND (0.0011)	ND (0.0010)	ND (0.0026)	ND (0.0025)	ND (0.0029)	0.1	0.1	10	0.1	0.1	90	0.1	0.1	300
1,1-DICHLOROETHYLENE	ND (0.0015)	ND (0.12)	ND (0.0060)	ND (0.0046)	ND (0.0047)	ND (0.0016)	ND (0.0022)	ND (0.0021)	ND (0.0053)	ND (0.0049)	ND (0.0058)	3	40	500	3	40	1000	3	40	3000
CIS-1,2-DICHLOROETHYLENE	ND (0.00074)	ND (0.12)	ND (0.0030)	ND (0.0023)	ND (0.0024)	ND (0.00082)	ND (0.0011)	ND (0.0010)	ND (0.0026)	ND (0.0025)	ND (0.0029)	0.3	0.4	100	0.3	0.4	500	0.3	0.4	500
TRANS-1,2-DICHLOROETHYLENE	ND (0.00074)	ND (0.12)	ND (0.0030)	ND (0.0023)	ND (0.0024)	ND (0.00082)	ND (0.0011)	ND (0.0010)	ND (0.0026)	ND (0.0025)	ND (0.0029)	1	1	500	1	1	1000	1	1	3000
1,2-DICHLOROPROPANE	ND (0.00074)	**ND (0.12) ***	ND (0.0030)	ND (0.0023)	ND (0.0024)	ND (0.00082)	ND (0.0011)	ND (0.0010)	ND (0.0026)	ND (0.0025)	ND (0.0029)	0.1	0.1	10	0.1	0.1	100	0.1	0.1	600
1,3-DICHLOROPROPANE	ND (0.00037)	ND (0.060)	ND (0.0015)	ND (0.0011)	ND (0.0012)	ND (0.00041)	ND (0.00056)	ND (0.00052)	ND (0.0013)	ND (0.0012)	ND (0.0014)	~	~	~	~	~	~	~	~	~
2,2-DICHLOROPROPANE	ND (0.00074)	**ND (0.12) ***	ND (0.0030)	ND (0.0023)	ND (0.0024)	ND (0.00082)	ND (0.0011)	ND (0.0010)	ND (0.0026)	ND (0.0025)	ND (0.0029)	~	~	~	~	~	~	~	~	~
1,1-DICHLOROPROPENE	ND (0.00074)	**ND (0.24) ***	ND (0.0030)	ND (0.0023)	ND (0.0024)	ND (0.00082)	ND (0.0011)	ND (0.0010)	ND (0.0026)	ND (0.0025)	ND (0.0029)	~	~	~	~	~	~	~	~	~
CIS-1,3-DICHLOROPROPENE	ND (0.00037)	**ND (0.060) ***	ND (0.0015)	ND (0.0011)	ND (0.0012)	ND (0.00041)	ND (0.00056)	ND (0.00052)	ND (0.0013)	ND (0.0012)	ND (0.0014)	0.01	0.4	9	0.01	0.4	70	0.01	0.4	100
TRANS-1,3-DICHLOROPROPENE	ND (0.00037)	**ND (0.060) ***	ND (0.0015)	ND (0.0011)	ND (0.0012)	ND (0.00041)	ND (0.00056)	ND (0.00052)	ND (0.0013)	ND (0.0012)	ND (0.0029)	0.01	0.4	9	0.01	0.4	70	0.01	0.4	100
DIETHYL ETHER	ND (0.0037)	ND (0.24)	ND (0.015)	ND (0.011)	ND (0.012)	ND (0.0041)	ND (0.0056)	ND (0.0052)	ND (0.013)	ND (0.012)	ND (0.014)	~	~	~	~	~	~	~	~	~
DIISOPROPYL ETHER	ND (0.00037)	ND (0.060)	ND (0.0015)	ND (0.0011)	ND (0.0012)	ND (0.00041)	ND (0.00056)	ND (0.00052)	ND (0.0013)	ND (0.0012)	ND (0.0014)	~	~	~	~	~	~	~	~	~
1,4-DIOXANE	ND (0.037)	**ND (6.0) ***	ND (0.15)	ND (0.11)	ND (0.12)	ND (0.041)	ND (0.056)	ND (0.052)	ND (0.13)	ND (0.12)	ND (0.14)	0.2	6	70	0.2	6	500	0.2	6	500
ETHYLBENZENE	0.0013	0.92	ND (0.0030)	ND (0.0023)	ND (0.0024)	ND (0.00082)	ND (0.0011)	ND (0.0010)	ND (0.0026)	ND (0.0025)	ND (0.0029)	40	500	500	40	1000	1000	40	1000	3000
HEXACHLOROBUTADIENE	ND (0.00074)	ND (0.12)	ND (0.0030)	ND (0.0023)	ND (0.0024)	ND (0.00082)	ND (0.0011)	ND (0.0010)	ND (0.0026)	ND (0.0025)	ND (0.0029)	6	6	6	6	90	90	90	100	100
2-HEXANONE	ND (0.0074)	ND (1.2)	ND (0.030)	ND (0.023)	ND (0.024)	ND (0.0082)	ND (0.011)	ND (0.010)	ND (0.026)	ND (0.025)	ND (0.029)	~	~	~	~	~	~	~	~	~
ISOPROPYLBENZENE	ND (0.00074)	0.27	ND (0.0030)	ND (0.0023)	ND (0.0024)	ND (0.00082)	ND (0.0011)	ND (0.0010)	ND (0.0026)	ND (0.0025)	ND (0.0029)	~	~	~	~	~	~	~	~	~
P-ISOPROPYLTOLUENE	ND (0.00074)	0.32	ND (0.0030)	ND (0.0023)	ND (0.0024)	ND (0.00082)	ND (0.0011)	ND (0.0010)	ND (0.0026)	ND (0.0025)	ND (0.0029)	~	~	~	~	~	~	~	~	~
MTBE	ND (0.0015)	**ND (0.12) ***	ND (0.0060)	ND (0.0046)	ND (0.0047)	ND (0.0016)	ND (0.0022)	ND (0.0021)	ND (0.0053)	ND (0.0049)	ND (0.0058)	0.1	100	100	0.1	100	500	0.1	100	500
METHYLENE CHLORIDE	ND (0.0037)	**ND (0.60) ***	0.017	ND (0.011)	0.013	ND (0.0041)	ND (0.0056)	ND (0.0052)	ND (0.013)	ND (0.012)	ND (0.014)	0.1	20	200	0.1	20	900	0.1	20	900
MIBK	ND (0.0074)	**ND (1.2) ***	ND (0.030)	ND (0.023)	ND (0.024)	ND (0.0082)	ND (0.011)	ND (0.010)	ND (0.026)	ND (0.025)	ND (0.029)	0.4	50	400	0.4	50	400	0.4	50	400
NAPHTHALENE	0.0069	2.7	ND (0.0060)	ND (0.0046)	ND (0.0047)	ND (0.0016)	ND (0.0022)	ND (0.0021)	ND (0.0053)	ND (0.0049)	ND (0.014)	4	40	500	4	40	1000	4	40	3000
N-PROPYLBENZENE	0.00085	0.58	ND (0.0030)	ND (0.0023)	ND (0.0024)	ND (0.00082)	ND (0.0011)	ND (0.0010)	ND (0.0026)	ND (0.0025)	ND (0.0029)	~	~	~	~	~	~	~	~	~
STYRENE	ND (0.00074)	ND (0.12)	ND (0.0030)	ND (0.0023)	ND (0.0024)	ND (0.00082)	ND (0.0011)	ND (0.0010)	ND (0.0026)	ND (0.0025)	ND (0.0029)	3	4	30	3	4	200	3	4	1000
1,1,1,2-TETRACHLOROETHANE	ND (0.00074)	**ND (0.12) ***	ND (0.0030)	ND (0.0023)	ND (0.0024)	ND (0.00082)	ND (0.0011)	ND (0.0010)	ND (0.0026)	ND (0.0025)	ND (0.0029)	0.1	0.1	7	0.1	0.1	100	0.1	0.1	300
1,1,2,2-TETRACHLOROETHANE	ND (0.00037)	**ND (0.060) ***	ND (0.0015)	ND (0.0011)	ND (0.0012)	ND (0.00041)	ND (0.00056)	ND (0.00052)	ND (0.0013)	ND (0.0012)	ND (0.0014)	0.005	0.02	0.8	0.005	0.02	10	0.005	0.02	40
TETRACHLOROETHYLENE	ND (0.00074)	ND (0.12)	ND (0.0030)	ND (0.0023)	ND (0.0024)	ND (0.00082)	ND (0.0011)	ND (0.0010)	ND (0.0026)	ND (0.0025)	ND (0.0029)	1	10	30	1	10	200	1	10	1000
TETRAHYDROFURAN	ND (0.0037)	ND (0.60)	ND (0.015)	ND (0.011)	ND (0.012)	ND (0.0041)	ND (0.0056)	ND (0.0052)	ND (0.013)	ND (0.012)	ND (0.014)	~	~	~	~	~	~	~	~	~
TOLUENE	ND (0.00074)	ND (0.12)	ND (0.0030)	ND (0.0023)	ND (0.0024)	ND (0.00082)	ND (0.0011)	ND (0.0010)	ND (0.0026)	ND (0.0025)	ND (0.0029)	30	500	500	30	1000	1000	30	2000	3000
1,2,3-TRICHLOROBENZENE	ND (0.00074)	ND (0.48)	ND (0.0030)	ND (0.0023)	ND (0.0024)	ND (0.00082)	ND (0.0011)	ND (0.0010)	ND (0.0026)	ND (0.0025)	ND (0.0058)	~	~	~	~	~	~	~	~	~
1,2,4-TRICHLOROBENZENE	ND (0.00074)	ND (0.12)	ND (0.0030)	ND (0.0023)	ND (0.0024)	ND (0.00082)	ND (0.0011)	ND (0.0010)	ND (0.0026)	ND (0.0025)	ND (0.0029)	2	70	500	2	70	900	2	70	900
1,1,1-TRICHLOROETHANE	ND (0.00074)	ND (0.12)	ND (0.0030)	ND (0.0023)	ND (0.0024)	ND (0.00082)	ND (0.0011)	ND (0.0010)	ND (0.0026)	ND (0.0025)	ND (0.0029)	30	500	500	30	600	1000	30	600	3000
1,1,2-TRICHLOROETHANE	ND (0.00074)	**ND (0.12) ***	ND (0.0030)	ND (0.0023)	ND (0.0024)	ND (0.00082)	ND (0.0011)	ND (0.0010)	ND (0.0026)	ND (0.0025)	ND (0.0029)	0.1	2	4	0.1	2	60	0.1	2	200
TRICHLOROETHYLENE	ND (0.00074)	ND (0.12)	ND (0.0030)	ND (0.0023)	ND (0.0024)	ND (0.00082)	ND (0.0011)	ND (0.0010)	ND (0.0026)	ND (0.0025)	ND (0.0029)	0.3	2	90	0.3	2	700	0.3	2	2000
TRICHLOROFLUOROMETHANE	ND (0.0037)	ND (0.24)	ND (0.015)	ND (0.011)	ND (0.012)	ND (0.0041)	ND (0.0056)	ND (0.0052)	ND (0.013)	ND (0.012)	ND (0.014)	~	~	~	~	~	~	~	~	~
1,2,3-TRICHLOROPROPANE	ND (0.00074)	ND (0.24)	ND (0.0030)	ND (0.0023)	ND (0.0024)	ND (0.00082)	ND (0.0011)	ND (0.0010)	ND (0.0026)	ND (0.0025)	ND (0.0029)	~	~	~	~	~	~	~	~	~
1,2,4-TRIMETHYLBENZENE	0.0047	0.61	ND (0.0030)	ND (0.0023)	ND (0.0024)	ND (0.00082)	ND (0.0011)	ND (0.0010)	ND (0.0026)	ND (0.0025)	ND (0.0029)	~	~	~	~	~	~	~	~	~
1,3,5-TRIMETHYLBENZENE	0.00091	ND (0.12)	ND (0.0030)	ND (0.0023)	ND (0.0024)	ND (0.00082)	ND (0.0011)	ND (0.0010)	ND (0.0026)	ND (0.0025)	ND (0.0029)	~	~	~	~	~	~	~	~	~
VINYL CHLORIDE	ND (0.0037)	ND (0.24)	ND (0.015)	ND (0.011)	ND (0.012)	ND (0.0041)	ND (0.0056)	ND (0.0052)	ND (0.013)	ND (0.012)	ND (0.014)	0.6	0.6	0.6	0.9	0.7	4	0.9	0.7	30
M/P-XYLENE	0.0017	0.24	ND (0.0060)	ND (0.0046)	ND (0.0047)	ND (0.0016)	ND (0.0022)	ND (0.0021)	ND (0.0053)	ND (0.0049)	ND (0.0058)	400	300	500	400	300	1000	400	300	3000
O-XYLENE	ND (0.00074)	ND (0.12)	ND (0.0030)	ND (0.0023)	ND (0.0024)	ND (0.00082)	ND (0.0011)	ND (0.0010)	ND (0.0026)	ND (0.0025)	ND (0.0029)	400	300	500	400	300	1000	400	300	3000

NOTES:
1. Analytical data presented in milligrams per kilogram (mg/Kg).
2. An asterisk (*) following a detection limit indicates that the minimum laboratory reporting limit exceeds one or more of the regulatory criteria.
3. ND = Not detected above the lab reporting limits shown in parenthesis.
4. NT = Not tested.
5. ~ = No Method 1 Standard available
6. Bolded values exceed the Method 1 Cleanup Standards.

Table 2
Summary of Soil Analytical Data - Post Excavation UST Removal
430 Boston Post Road
Wayland, Massachusetts

Parameter	3,000-gallon Insulating Oil USTs								'MCP - Method 1 Cleanup Standards								
	BT-3KA-7	BT-3KA-7	Sidewall A 3000A 5ft	Sidewall B 3000A 6ft	SW-C-3KB-5	SW-D-3KB-5	SW-E-3KA-5	SW-F-3KA-5	S-1/GW-1	S-1/GW-2	S-1/GW-3	S-2/GW-1	S-2/GW-2	S-2/GW-3	S-3/GW-1	S-3/GW-2	S-3/GW-3
Sampling Date	12/8/2011 10:00:00 AM	12/8/2011 10:15:00 AM	12/7/2011 10:00:00 AM	12/7/2011 1:00:00 PM	12/8/2011 9:00:00 AM	12/8/2011 9:15:00 AM	12/8/2011 9:35:00 AM	12/8/2011 9:45:00 AM									
Sample Depth (feet below ground surface)	7	7	5	6	5	5	5	5									
MADEP-EPH-04-1.1 (mg/Kg dry)																	
C9-C18 ALIPHATICS	ND (12)	ND (12)	ND (11)	ND (12)	ND (11)	ND (11)	ND (12)	ND (11)	1000	1000	1000	3000	3000	3000	5000	5000	5000
C19-C36 ALIPHATICS	ND (12)	ND (12)	ND (11)	14	ND (11)	ND (11)	ND (12)	12	3000	3000	3000	5000	5000	5000	5000	5000	5000
C11-C22 AROMATICS	ND (12)	ND (12)	39	16	ND (11)	ND (11)	ND (12)	ND (11)	1000	1000	1000	1000	3000	3000	1000	5000	5000
ACENAPHTHENE	ND (0.12)	ND (0.12)	ND (0.11)	ND (0.12)	ND (0.11)	ND (0.11)	ND (0.12)	ND (0.11)	4	1000	1000	4	3000	3000	4	5000	5000
ACENAPHTHYLENE	ND (0.12)	ND (0.12)	ND (0.11)	ND (0.12)	ND (0.11)	ND (0.11)	ND (0.12)	ND (0.11)	1	600	10	1	600	10	1	600	10
ANTHRACENE	ND (0.12)	ND (0.12)	0.35	ND (0.12)	ND (0.11)	ND (0.11)	ND (0.12)	ND (0.11)	1000	1000	1000	3000	3000	3000	5000	5000	5000
BENZO(A)ANTHRACENE	ND (0.12)	ND (0.12)	1.7	0.33	ND (0.11)	ND (0.11)	ND (0.12)	ND (0.11)	7	7	7	40	40	40	300	300	300
BENZO(A)PYRENE	ND (0.12)	ND (0.12)	1.2	0.28	ND (0.11)	ND (0.11)	ND (0.12)	ND (0.11)	2	2	2	4	4	4	30	30	30
BENZO(B)FLUORANTHENE	ND (0.12)	ND (0.12)	1.7	0.41	ND (0.11)	ND (0.11)	ND (0.12)	0.14	7	7	7	40	40	40	300	300	300
BENZO(G,H,I)PERYLENE	ND (0.12)	ND (0.12)	0.57	0.15	ND (0.11)	ND (0.11)	ND (0.12)	ND (0.11)	1000	1000	1000	3000	3000	3000	5000	5000	5000
BENZO(K)FLUORANTHENE	ND (0.12)	ND (0.12)	0.68	0.15	ND (0.11)	ND (0.11)	ND (0.12)	ND (0.11)	70	70	70	400	400	400	3000	3000	3000
CHRYSENE	ND (0.12)	ND (0.12)	1.7	0.31	ND (0.11)	ND (0.11)	ND (0.12)	ND (0.11)	70	70	70	400	400	400	3000	3000	3000
DIBENZ(A,H)ANTHRACENE	ND (0.12)	ND (0.12)	0.24	ND (0.12)	ND (0.11)	ND (0.11)	ND (0.12)	ND (0.11)	0.7	0.7	0.7	4	4	4	30	30	30
FLUORANTHENE	ND (0.12)	ND (0.12)	2.8	0.52	ND (0.11)	ND (0.11)	ND (0.12)	ND (0.11)	1000	1000	1000	3000	3000	3000	5000	5000	5000
FLUORENE	ND (0.12)	ND (0.12)	ND (0.11)	ND (0.12)	ND (0.11)	ND (0.11)	ND (0.12)	ND (0.11)	1000	1000	1000	3000	3000	3000	5000	5000	5000
INDENO(1,2,3-CD)PYRENE	ND (0.12)	ND (0.12)	0.63	0.19	ND (0.11)	ND (0.11)	ND (0.12)	ND (0.11)	7	7	7	40	40	40	300	300	300
2-METHYLNAPHTHALENE	ND (0.12)	ND (0.12)	ND (0.11)	ND (0.12)	ND (0.11)	ND (0.11)	ND (0.12)	ND (0.11)	0.7	80	300	0.7	80	500	0.7	80	500
NAPHTHALENE	ND (0.12)	ND (0.12)	ND (0.11)	ND (0.12)	ND (0.11)	ND (0.11)	ND (0.12)	ND (0.11)	4	40	500	4	40	1000	4	40	3000
PHENANTHRENE	ND (0.12)	ND (0.12)	0.89	0.25	ND (0.11)	ND (0.11)	ND (0.12)	ND (0.11)	10	500	500	10	1000	1000	10	3000	3000
PYRENE	ND (0.12)	ND (0.12)	3.0	0.55	ND (0.11)	ND (0.11)	ND (0.12)	0.12	1000	1000	1000	3000	3000	3000	5000	5000	5000
MADEP-VPH-04-1.1 (mg/Kg dry)																	
C5-C8 ALIPHATICS	ND (12)	ND (11)	ND (19)	ND (20)	ND (11)	ND (8.0)	ND (12)	ND (11)	100	100	100	500	500	500	500	500	500
C9-C12 ALIPHATICS	ND (12)	ND (11)	ND (19)	ND (20)	ND (11)	ND (8.0)	ND (12)	ND (11)	1000	1000	1000	3000	3000	3000	5000	5000	5000
C9-C10 AROMATICS	ND (12)	ND (11)	ND (19)	ND (20)	ND (11)	ND (8.0)	ND (12)	ND (11)	100	100	100	300	500	500	300	500	500
BENZENE	ND (0.060)	ND (0.054)	ND (0.093)	ND (0.099)	ND (0.056)	ND (0.040)	ND (0.058)	ND (0.055)	2	30	30	2	200	200	2	700	900
ETHYLBENZENE	ND (0.060)	ND (0.054)	ND (0.093)	ND (0.099)	ND (0.056)	ND (0.040)	ND (0.058)	ND (0.055)	40	500	500	40	1000	1000	40	1000	3000
MTBE	ND (0.060)	ND (0.054)	ND (0.093)	ND (0.099)	ND (0.056)	ND (0.040)	ND (0.058)	ND (0.055)	0.1	100	100	0.1	100	500	0.1	100	500
NAPHTHALENE	ND (0.30)	ND (0.27)	ND (0.47)	ND (0.50)	ND (0.28)	ND (0.20)	ND (0.29)	ND (0.28)	4	40	500	4	40	1000	4	40	3000
TOLUENE	ND (0.060)	ND (0.054)	ND (0.093)	ND (0.099)	ND (0.056)	ND (0.040)	ND (0.058)	ND (0.055)	30	500	500	30	1000	1000	30	2000	3000
M/P-XYLENE	ND (0.12)	ND (0.11)	ND (0.19)	ND (0.20)	ND (0.11)	ND (0.080)	ND (0.12)	ND (0.11)	400	300	500	400	300	1000	400	300	3000
O-XYLENE	ND (0.060)	ND (0.054)	ND (0.093)	ND (0.099)	ND (0.056)	ND (0.040)	ND (0.058)	ND (0.055)	400	300	500	400	300	1000	400	300	3000
SM 2540G (% Wt)																	
% Solidsxxx	83.0	85.7	89.2	85.2	86.6	87.8	85.0	86.7	~	~	~	~	~	~	~	~	~
SW-846 6010C (mg/Kg dry) Metals Digestion																	
Arsenic	NT	NT	NT	NT	NT	NT	NT	NT	20	20	20	20	20	20	20	20	20
Barium	NT	NT	NT	NT	NT	NT	NT	NT	1000	1000	1000	3000	3000	3000	5000	5000	5000
Cadmium	NT	NT	NT	NT	NT	NT	NT	NT	2	2	2	30	30	30	30	30	30
Chromium	NT	NT	NT	NT	NT	NT	NT	NT	30	30	30	200	200	200	200	200	200
LEAD	NT	NT	NT	NT	NT	NT	NT	NT	300	300	300	300	300	300	300	300	300
Selenium	NT	NT	NT	NT	NT	NT	NT	NT	400	400	400	800	800	800	800	800	800
Silver	NT	NT	NT	NT	NT	NT	NT	NT	100	100	100	200	200	200	200	200	200
SW-846 7471B (mg/Kg dry) Metals Digestion																	
Mercury	NT	NT	NT	NT	NT	NT	NT	NT	20	20	20	30	30	30	30	30	30
SW-846 8082A (mg/Kg dry)																	
PCB 1016	ND (0.12)	ND (0.12)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.12)	ND (0.11)	2	2	2	3	3	3	3	3	3
PCB 1221	ND (0.12)	ND (0.12)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.12)	ND (0.11)	2	2	2	3	3	3	3	3	3
PCB 1232	ND (0.12)	ND (0.12)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.12)	ND (0.11)	2	2	2	3	3	3	3	3	3
PCB 1242	ND (0.12)	ND (0.12)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.12)	ND (0.11)	2	2	2	3	3	3	3	3	3
PCB 1248	ND (0.12)	ND (0.12)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.12)	ND (0.11)	2	2	2	3	3	3	3	3	3
PCB 1254	ND (0.12)	ND (0.12)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.12)	ND (0.11)	2	2	2	3	3	3	3	3	3
PCB 1260	ND (0.12)	ND (0.12)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.12)	ND (0.11)	2	2	2	3	3	3	3	3	3
PCB 1262	ND (0.12)	ND (0.12)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.12)	ND (0.11)	2	2	2	3	3	3	3	3	3
PCB 1268	ND (0.12)	ND (0.12)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.12)	ND (0.11)	2	2	2	3	3	3	3	3	3

Table 2
Summary of Soil Analytical Data - Post Excavation UST Removal
430 Boston Post Road
Wayland, Massachusetts

Parameter	3,000-gallon Insulating Oil USTs								'MCP - Method 1 Cleanup Standards								
	BT-3KA-7	BT-3KA-7	Sidewall A 3000A 5ft	Sidewall B 3000A 6ft	SW-C-3KB-5	SW-D-3KB-5	SW-E-3KA-5	SW-F-3KA-5	S-1/GW-1	S-1/GW-2	S-1/GW-3	S-2/GW-1	S-2/GW-2	S-2/GW-3	S-3/GW-1	S-3/GW-2	S-3/GW-3
Sampling Date	12/8/2011 10:00:00 AM	12/8/2011 10:15:00 AM	12/7/2011 10:00:00 AM	12/7/2011 1:00:00 PM	12/8/2011 9:00:00 AM	12/8/2011 9:15:00 AM	12/8/2011 9:35:00 AM	12/8/2011 9:45:00 AM									
Sample Depth (feet below ground surface)	7	7	5	6	5	5	5	5									
SW-846 8260C (mg/Kg dry)																	
ACETONE	ND (0.071)	ND (0.063)	ND (0.14)	ND (0.087)	ND (0.073)	ND (0.076)	ND (0.081)	ND (0.046)	6	50	400	6	50	400	6	50	400
TERT-AMYLMETHYL ETHER	ND (0.00071)	ND (0.00063)	ND (0.0014)	ND (0.00087)	ND (0.00073)	ND (0.00076)	ND (0.00081)	ND (0.00046)	~	~	~	~	~	~	~	~	~
BENZENE	ND (0.0014)	ND (0.0013)	ND (0.0027)	ND (0.0017)	ND (0.0015)	ND (0.0015)	ND (0.0016)	ND (0.00092)	2	30	30	2	200	200	2	700	900
BROMOBENZENE	ND (0.0014)	ND (0.0013)	ND (0.0027)	ND (0.0017)	ND (0.0015)	ND (0.0015)	ND (0.0016)	ND (0.00092)	~	~	~	~	~	~	~	~	~
BROMOCHLOROMETHANE	ND (0.0014)	ND (0.0013)	ND (0.0027)	ND (0.0017)	ND (0.0015)	ND (0.0015)	ND (0.0016)	ND (0.00092)	~	~	~	~	~	~	~	~	~
BROMODICHLOROMETHANE	ND (0.0014)	ND (0.0013)	ND (0.0027)	ND (0.0017)	ND (0.0015)	ND (0.0015)	ND (0.0016)	ND (0.00092)	0.1	0.1	20	0.1	0.1	100	0.1	0.1	500
BROMOFORM	ND (0.0014)	ND (0.0013)	ND (0.0027)	ND (0.0017)	ND (0.0015)	ND (0.0015)	ND (0.0016)	ND (0.00092)	0.1	1	200	0.1	1	800	0.1	1	800
BROMOMETHANE	ND (0.0071)	ND (0.0063)	ND (0.014)	ND (0.0087)	ND (0.0073)	ND (0.0076)	ND (0.0081)	ND (0.0046)	0.5	0.5	30	0.5	0.5	30	0.5	0.5	30
2-BUTANONE (MEK)	ND (0.028)	ND (0.025)	ND (0.055)	ND (0.035)	ND (0.029)	ND (0.030)	ND (0.033)	ND (0.018)	4	50	400	4	50	400	4	50	400
N-BUTYLBENZENE	ND (0.0014)	ND (0.0013)	ND (0.0027)	ND (0.0017)	ND (0.0015)	ND (0.0015)	ND (0.0016)	ND (0.00092)	~	~	~	~	~	~	~	~	~
SEC-BUTYLBENZENE	ND (0.0014)	ND (0.0013)	ND (0.0027)	ND (0.0017)	ND (0.0015)	ND (0.0015)	ND (0.0016)	ND (0.00092)	~	~	~	~	~	~	~	~	~
TERT-BUTYLBENZENE	ND (0.0014)	ND (0.0013)	ND (0.0027)	ND (0.0017)	ND (0.0015)	ND (0.0015)	ND (0.0016)	ND (0.00092)	~	~	~	~	~	~	~	~	~
TERT-BUTYLETHYL ETHER	ND (0.00071)	ND (0.00063)	ND (0.0014)	ND (0.00087)	ND (0.00073)	ND (0.00076)	ND (0.00081)	ND (0.00046)	~	~	~	~	~	~	~	~	~
CARBON DISULFIDE	ND (0.0042)	ND (0.0038)	ND (0.0082)	ND (0.0052)	ND (0.0044)	ND (0.0046)	ND (0.0049)	ND (0.0028)	~	~	~	~	~	~	~	~	~
CARBON TETRACHLORIDE	ND (0.0014)	ND (0.0013)	ND (0.0027)	ND (0.0017)	ND (0.0015)	ND (0.0015)	ND (0.0016)	ND (0.00092)	10	5	10	10	5	60	10	5	400
CHLOROBENZENE	ND (0.0014)	ND (0.0013)	ND (0.0027)	ND (0.0017)	ND (0.0015)	ND (0.0015)	ND (0.0016)	ND (0.00092)	1	3	100	1	3	100	1	3	100
CHLORODIBROMOMETHANE	ND (0.0014)	ND (0.0013)	ND (0.0027)	ND (0.0017)	ND (0.0015)	ND (0.0015)	ND (0.0016)	ND (0.00092)	0.005	0.03	20	0.005	0.03	100	0.005	0.03	500
CHLOROETHANE	ND (0.0071)	ND (0.0063)	ND (0.014)	ND (0.0087)	ND (0.0073)	ND (0.0076)	ND (0.0081)	ND (0.0046)	~	~	~	~	~	~	~	~	~
CHLOROFORM	ND (0.0028)	ND (0.0025)	ND (0.0055)	ND (0.0035)	ND (0.0029)	ND (0.0030)	ND (0.0033)	ND (0.0018)	0.4	0.3	400	0.4	0.3	800	0.4	0.3	800
CHLOROMETHANE	ND (0.0071)	ND (0.0063)	ND (0.014)	ND (0.0087)	ND (0.0073)	ND (0.0076)	ND (0.0081)	ND (0.0046)	~	~	~	~	~	~	~	~	~
2-CHLOROTOLUENE	ND (0.0014)	ND (0.0013)	ND (0.0027)	ND (0.0017)	ND (0.0015)	ND (0.0015)	ND (0.0016)	ND (0.00092)	~	~	~	~	~	~	~	~	~
4-CHLOROTOLUENE	ND (0.0014)	ND (0.0013)	ND (0.0027)	ND (0.0017)	ND (0.0015)	ND (0.0015)	ND (0.0016)	ND (0.00092)	~	~	~	~	~	~	~	~	~
1,2-DIBROMO-3-CHLOROPROPANE	ND (0.0028)	ND (0.0025)	ND (0.0055)	ND (0.0035)	ND (0.0029)	ND (0.0030)	ND (0.0033)	ND (0.0018)	~	~	~	~	~	~	~	~	~
EDB	ND (0.00071)	ND (0.00063)	ND (0.0014)	ND (0.00087)	ND (0.00073)	ND (0.00076)	ND (0.00081)	ND (0.00046)	~	~	~	~	~	~	~	~	~
DIBROMOMETHANE	ND (0.0014)	ND (0.0013)	ND (0.0027)	ND (0.0017)	ND (0.0015)	ND (0.0015)	ND (0.0016)	ND (0.00092)	~	~	~	~	~	~	~	~	~
1,2-DICHLOROBENZENE	ND (0.0014)	ND (0.0013)	ND (0.0027)	ND (0.0017)	ND (0.0015)	ND (0.0015)	ND (0.0016)	ND (0.00092)	9	30	300	9	30	300	9	30	300
1,3-DICHLOROBENZENE	ND (0.0014)	ND (0.0013)	ND (0.0027)	ND (0.0017)	ND (0.0015)	ND (0.0015)	ND (0.0016)	ND (0.00092)	1	40	100	1	40	500	1	40	500
1,4-DICHLOROBENZENE	ND (0.0014)	ND (0.0013)	ND (0.0027)	ND (0.0017)	ND (0.0015)	ND (0.0015)	ND (0.0016)	ND (0.00092)	0.7	4	50	0.7	4	300	0.7	4	2000
DICHLORODIFLUOROMETHANE	ND (0.0071)	ND (0.0063)	ND (0.014)	ND (0.0087)	ND (0.0073)	ND (0.0076)	ND (0.0081)	ND (0.0046)	~	~	~	~	~	~	~	~	~
1,1-DICHLOROETHANE	ND (0.0014)	ND (0.0013)	ND (0.0027)	ND (0.0017)	ND (0.0015)	ND (0.0015)	ND (0.0016)	ND (0.00092)	0.4	5	500	0.4	5	1000	0.4	5	1000
1,2-DICHLOROETHANE	ND (0.0014)	ND (0.0013)	ND (0.0027)	ND (0.0017)	ND (0.0015)	ND (0.0015)	ND (0.0016)	ND (0.00092)	0.1	0.1	10	0.1	0.1	90	0.1	0.1	300
1,1-DICHLOROETHYLENE	ND (0.0028)	ND (0.0025)	ND (0.0055)	ND (0.0035)	ND (0.0029)	ND (0.0030)	ND (0.0033)	ND (0.0018)	3	40	500	3	40	1000	3	40	3000
CIS-1,2-DICHLOROETHYLENE	ND (0.0014)	ND (0.0013)	ND (0.0027)	ND (0.0017)	ND (0.0015)	ND (0.0015)	ND (0.0016)	ND (0.00092)	0.3	0.4	100	0.3	0.4	500	0.3	0.4	500
TRANS-1,2-DICHLOROETHYLENE	ND (0.0014)	ND (0.0013)	ND (0.0027)	ND (0.0017)	ND (0.0015)	ND (0.0015)	ND (0.0016)	ND (0.00092)	1	1	500	1	1	1000	1	1	3000
1,2-DICHLOROPROPANE	ND (0.0014)	ND (0.0013)	ND (0.0027)	ND (0.0017)	ND (0.0015)	ND (0.0015)	ND (0.0016)	ND (0.00092)	0.1	0.1	10	0.1	0.1	100	0.1	0.1	600
1,3-DICHLOROPROPANE	ND (0.00071)	ND (0.00063)	ND (0.0014)	ND (0.00087)	ND (0.00073)	ND (0.00076)	ND (0.00081)	ND (0.00046)	~	~	~	~	~	~	~	~	~
2,2-DICHLOROPROPANE	ND (0.0014)	ND (0.0013)	ND (0.0027)	ND (0.0017)	ND (0.0015)	ND (0.0015)	ND (0.0016)	ND (0.00092)	~	~	~	~	~	~	~	~	~
1,1-DICHLOROPROPENE	ND (0.0014)	ND (0.0013)	ND (0.0027)	ND (0.0017)	ND (0.0015)	ND (0.0015)	ND (0.0016)	ND (0.00092)	~	~	~	~	~	~	~	~	~
CIS-1,3-DICHLOROPROPENE	ND (0.00071)	ND (0.00063)	ND (0.0014)	ND (0.00087)	ND (0.00073)	ND (0.00076)	ND (0.00081)	ND (0.00046)	0.01	0.4	9	0.01	0.4	70	0.01	0.4	100
TRANS-1,3-DICHLOROPROPENE	ND (0.00071)	ND (0.00063)	ND (0.0014)	ND (0.00087)	ND (0.00073)	ND (0.00076)	ND (0.00081)	ND (0.00046)	0.01	0.4	9	0.01	0.4	70	0.01	0.4	100
DIETHYL ETHER	ND (0.0071)	ND (0.0063)	ND (0.014)	ND (0.0087)	ND (0.0073)	ND (0.0076)	ND (0.0081)	ND (0.0046)	~	~	~	~	~	~	~	~	~
DIISOPROPYL ETHER	ND (0.00071)	ND (0.00063)	ND (0.0014)	ND (0.00087)	ND (0.00073)	ND (0.00076)	ND (0.00081)	ND (0.00046)	~	~	~	~	~	~	~	~	~
1,4-DIOXANE	ND (0.071)	ND (0.063)	ND (0.14)	ND (0.087)	ND (0.073)	ND (0.076)	ND (0.081)	ND (0.046)	0.2	6	70	0.2	6	500	0.2	6	500
ETHYLBENZENE	ND (0.0014)	ND (0.0013)	ND (0.0027)	ND (0.0017)	ND (0.0015)	ND (0.0015)	ND (0.0016)	ND (0.00092)	40	500	500	40	1000	1000	40	1000	3000
HEXACHLOROBUTADIENE	ND (0.0014)	ND (0.0013)	ND (0.0027)	ND (0.0017)	ND (0.0015)	ND (0.0015)	ND (0.0016)	ND (0.00092)	6	6	6	90	90	90	100	100	100
2-HEXANONE	ND (0.014)	ND (0.013)	ND (0.027)	ND (0.017)	ND (0.015)	ND (0.015)	ND (0.016)	ND (0.0092)	~	~	~	~	~	~	~	~	~
ISOPROPYLBENZENE	ND (0.0014)	ND (0.0013)	ND (0.0027)	ND (0.0017)	ND (0.0015)	ND (0.0015)	ND (0.0016)	ND (0.00092)	~	~	~	~	~	~	~	~	~
P-ISOPROPYLTOLUENE	ND (0.0014)	ND (0.0013)	ND (0.0027)	ND (0.0017)	ND (0.0015)	ND (0.0015)	ND (0.0016)	ND (0.00092)	~	~	~	~	~	~	~	~	~
MTBE	ND (0.0028)	ND (0.0025)	ND (0.0055)	ND (0.0035)	ND (0.0029)	ND (0.0030)	ND (0.0033)	ND (0.0018)	0.1	100	100	0.1	100	500	0.1	100	500
METHYLENE CHLORIDE	ND (0.0071)	ND (0.0063)	ND (0.014)	ND (0.0087)	ND (0.0073)	ND (0.0076)	ND (0.0081)	ND (0.0046)	0.1	20	200	0.1	20	900	0.1	20	900
MIBK	ND (0.014)	ND (0.013)	ND (0.027)	ND (0.017)	ND (0.015)	ND (0.015)	ND (0.016)	ND (0.0092)	0.4	50	400	0.4	50	400	0.4	50	400
NAPHTHALENE	ND (0.0028)	ND (0.0025)	ND (0.0055)	ND (0.0035)	ND (0.0029)	ND (0.0030)	ND (0.0033)	ND (0.0018)	4	40	500	4	40	1000	4	40	3000
N-PROPYLBENZENE	ND (0.0014)	ND (0.0013)	ND (0.0027)	ND (0.0017)	ND (0.0015)	ND (0.0015)	ND (0.0016)	ND (0.00092)	~	~	~	~	~	~	~	~	~
STYRENE	ND (0.0014)	ND (0.0013)	ND (0.0027)	ND (0.0017)	ND (0.0015)	ND (0.0015)	ND (0.0016)	ND (0.00092)	3	4	30	3	4	200	3	4	1000
1,1,1,2-TETRACHLOROETHANE	ND (0.0014)	ND (0.0013)	ND (0.0027)	ND (0.0017)	ND (0.0015)	ND (0.0015)	ND (0.0016)	ND (0.00092)	0.1	0.1	7	0.1	0.1	100	0.1	0.1	300
1,1,2,2-TETRACHLOROETHANE	ND (0.00071)	ND (0.00063)	ND (0.0014)	ND (0.00087)	ND (0.00073)	ND (0.00076)	ND (0.00081)	ND (0.00046)	0.005	0.02	0.8	0.005	0.02	10	0.005	0.02	40
TETRACHLOROETHYLENE	ND (0.0014)	ND (0.0013)	ND (0.0027)	ND (0.0017)	ND (0.0015)	ND (0.0015)	ND (0.0016)	ND (0.00092)	1	10	30	1	10	200	1	10	1000
TETRAHYDROFURAN	ND (0.0071)	ND (0.0063)	ND (0.014)	ND (0.0087)	ND (0.0073)	ND (0.0076)	ND (0.0081)	ND (0.0046)	~	~	~	~	~	~	~	~	~
TOLUENE	ND (0.0014)	ND (0.0013)	ND (0.0027)	ND (0.0017)	ND (0.0015)	ND (0.0015)	ND (0.0016)	ND (0.00092)	30	500	500	30	1000	1000	30	2000	3000
1,2,3-TRICHLOROBENZENE	ND (0.0014)	ND (0.0013)	ND (0.0027)	ND (0.0017)	ND (0.0015)	ND (0.0015)	ND (0.0016)	ND (0.00092)	~	~	~	~	~	~	~	~	~
1,2,4-TRICHLOROBENZENE	ND (0.0014)	ND (0.0013)	ND (0.0027)	ND (0.0017)	ND (0.0015)	ND (0.0015)	ND (0.0016)	ND (0.00092)	2	70	500	2	70	900	2	70	900
1,1,1-TRICHLOROETHANE	ND (0.0014)	ND (0.0013)	ND (0.0027)	ND (0.0017)	ND (0.0015)	ND (0.0015)	ND (0.0016)	ND (0.00092)	30	500	500	30	600	1000	30	600	3000
1,1,2-TRICHLOROETHANE	ND (0.0014)	ND (0.0013)	ND (0.0027)	ND (0.0017)	ND (0.0015)	ND (0.0015)	ND (0.0016)	ND (0.00092)	0.1	2	4	0.1	2	60	0.1	2	200
TRICHLOROETHYLENE	ND (0.0014)	ND (0.0013)	ND (0.0027)	ND (0.0017)	ND (0.0015)	ND (0.0015)	ND (0.0016)	ND (0.00092)	0.3	2	90	0.3	2	700	0.3	2	2000
TRICHLOROFLUOROMETHANE	ND (0.0071)	ND (0.0063)	ND (0.014)	ND (0.0087)	ND (0.0073)	ND (0.0076)	ND (0.0081)	ND (0.0046)	~	~	~	~	~	~	~	~	~
1,2,3-TRICHLOROPROPANE	ND (0.0014)	ND (0.0013)	ND (0.0027)	ND (0.0017)	ND (0.0015)	ND (0.0015)	ND (0.0016)	ND (0.00092)	~	~	~	~	~	~	~	~	~
1,2,4-TRIMETHYLBENZENE	ND (0.0014)	ND (0.0013)	ND (0.0027)	ND (0.0017)	ND (0.0015)	ND (0.0015)	ND (0.0016)	ND (0.00092)	~	~	~	~	~	~	~	~	~
1,3,5-TRIMETHYLBENZENE	ND (0.0014)	ND (0.0013)	ND (0.0027)	ND (0.0017)	ND (0.0015)	ND (0.0015)	ND (0.0016)	ND (0.00092)	~	~	~	~	~	~	~	~	~
VINYL CHLORIDE	ND (0.0071)	ND (0.0063)	ND (0.014)	ND (0.0087)	ND (0.0073)	ND (0.0076)	ND (0.0081)	ND (0.0046)	0.6	0.6	0.6	0.9	0.7	4	0.9	0.7	30
M/P-XYLENE	ND (0.0028)	ND (0.0025)	ND (0.0055)	ND (0.0035)	ND (0.0029)	ND (0.0030)	ND (0.0033)	ND (0.0018)	400	300	500	400	300	1000	400	300	3000
O-XYLENE	ND (0.0014)	ND (0.0013)	ND (0.0027)	ND (0.0017)	ND (0.0015)	ND (0.0015)	ND (0.0016)	ND (0.00092)	400	300	500	400	300	1000	400	300	3000

NOTES:
1. Analytical data presented in milligrams per kilo
2. An asterisk (*) following a detection limit indica
3. ND = Not detected above the lab reporting limit
4. NT = Not tested.
5. ~ = No Method 1 Standard available
6. Bolded values exceed the Method 1 Cleanup Sta

Table 2
Summary of Soil Analytical Data - Post Excavation UST Removal
430 Boston Post Road
Wayland, Massachusetts

Parameter	Basin-5				Basin-1	Basin-1A					'MCP - Method 1 Cleanup Standards								
	B5-BT-6	B5-SW-N-3	B5-SW-S-3	B5-SW-W-3	B-1-BOT-12	B-1A BT 12	B-1A SW-E-6	B-1A SW-N-6	B-1A SW-S-6	B-1A SW-W-6	S-1/GW-1	S-1/GW-2	S-1/GW-3	S-2/GW-1	S-2/GW-2	S-2/GW-3	S-3/GW-1	S-3/GW-2	S-3/GW-3
Sampling Date	12/30/2011 10:20:00 AM	12/30/2011 10:00:00 AM	12/30/2011 10:10:00 AM	12/30/2011 10:15:00 AM	12/30/2011 2:00:00 PM	1/5/2012 10:20:00 AM	1/5/2012 10:15:00 AM	1/5/2012 10:10:00 AM	1/5/2012 10:40:00 AM	1/5/2012 10:00:00 AM									
Sample Depth (feet below ground surface)	6	3	3	3	12	12	6	6	6	6									
MADEP-EPH-04-1.1 (mg/Kg dry)																			
C9-C18 ALIPHATICS	ND (11)	ND (11)	ND (10)	ND (10)	NT	NT	NT	NT	NT	NT	1000	1000	1000	3000	3000	3000	5000	5000	5000
C19-C36 ALIPHATICS	ND (11)	19	ND (10)	ND (10)	NT	NT	NT	NT	NT	NT	3000	3000	3000	5000	5000	5000	5000	5000	5000
C11-C22 AROMATICS	ND (11)	ND (11)	ND (10)	ND (10)	NT	NT	NT	NT	NT	NT	1000	1000	1000	1000	3000	3000	1000	5000	5000
ACENAPHTHENE	ND (0.11)	ND (0.11)	ND (0.10)	ND (0.10)	NT	NT	NT	NT	NT	NT	4	1000	1000	4	3000	3000	4	5000	5000
ACENAPHTHYLENE	ND (0.11)	ND (0.11)	ND (0.10)	ND (0.10)	NT	NT	NT	NT	NT	NT	1	600	10	1	600	10	1	600	10
ANTHRACENE	ND (0.11)	ND (0.11)	ND (0.10)	ND (0.10)	NT	NT	NT	NT	NT	NT	1000	1000	1000	3000	3000	3000	5000	5000	5000
BENZO(A)ANTHRACENE	ND (0.11)	ND (0.11)	ND (0.10)	ND (0.10)	NT	NT	NT	NT	NT	NT	7	7	7	40	40	40	300	300	300
BENZO(A)PYRENE	ND (0.11)	ND (0.11)	ND (0.10)	ND (0.10)	NT	NT	NT	NT	NT	NT	2	2	2	4	4	4	30	30	30
BENZO(B)FLUORANTHENE	ND (0.11)	ND (0.11)	ND (0.10)	ND (0.10)	NT	NT	NT	NT	NT	NT	7	7	7	40	40	40	300	300	300
BENZO(G,H,I)PERYLENE	ND (0.11)	ND (0.11)	ND (0.10)	ND (0.10)	NT	NT	NT	NT	NT	NT	1000	1000	1000	3000	3000	3000	5000	5000	5000
BENZO(K)FLUORANTHENE	ND (0.11)	ND (0.11)	ND (0.10)	ND (0.10)	NT	NT	NT	NT	NT	NT	70	70	70	400	400	400	3000	3000	3000
CHRYSENE	ND (0.11)	ND (0.11)	ND (0.10)	ND (0.10)	NT	NT	NT	NT	NT	NT	70	70	70	400	400	400	3000	3000	3000
DIBENZ(A,H)ANTHRACENE	ND (0.11)	ND (0.11)	ND (0.10)	ND (0.10)	NT	NT	NT	NT	NT	NT	0.7	0.7	0.7	4	4	4	30	30	30
FLUORANTHENE	ND (0.11)	ND (0.11)	ND (0.10)	ND (0.10)	NT	NT	NT	NT	NT	NT	1000	1000	1000	3000	3000	3000	5000	5000	5000
FLUORENE	ND (0.11)	ND (0.11)	ND (0.10)	ND (0.10)	NT	NT	NT	NT	NT	NT	1000	1000	1000	3000	3000	3000	5000	5000	5000
INDENO(1,2,3-CD)PYRENE	ND (0.11)	ND (0.11)	ND (0.10)	ND (0.10)	NT	NT	NT	NT	NT	NT	7	7	7	40	40	40	300	300	300
2-METHYLNAPHTHALENE	ND (0.11)	ND (0.11)	ND (0.10)	ND (0.10)	NT	NT	NT	NT	NT	NT	0.7	80	300	0.7	80	500	0.7	80	500
NAPHTHALENE	ND (0.11)	ND (0.11)	ND (0.10)	ND (0.10)	NT	NT	NT	NT	NT	NT	4	40	500	4	40	1000	4	40	3000
PHENANTHRENE	ND (0.11)	ND (0.11)	ND (0.10)	ND (0.10)	NT	NT	NT	NT	NT	NT	10	500	500	10	1000	1000	10	3000	3000
PYRENE	ND (0.11)	ND (0.11)	ND (0.10)	ND (0.10)	NT	NT	NT	NT	NT	NT	1000	1000	1000	3000	3000	3000	5000	5000	5000
MADEP-VPH-04-1.1 (mg/Kg dry)																			
C5-C8 ALIPHATICS	ND (18)	ND (15)	ND (15)	ND (14)	NT	NT	NT	NT	NT	NT	100	100	100	500	500	500	500	500	500
C9-C12 ALIPHATICS	ND (18)	ND (15)	ND (15)	ND (14)	NT	NT	NT	NT	NT	NT	1000	1000	1000	3000	3000	3000	5000	5000	5000
C9-C10 AROMATICS	ND (18)	ND (15)	ND (15)	ND (14)	NT	NT	NT	NT	NT	NT	100	100	100	300	500	500	300	500	500
BENZENE	ND (0.090)	ND (0.076)	ND (0.075)	ND (0.069)	NT	NT	NT	NT	NT	NT	2	30	30	2	200	200	2	700	900
ETHYLBENZENE	ND (0.090)	ND (0.076)	ND (0.075)	ND (0.069)	NT	NT	NT	NT	NT	NT	40	500	500	40	1000	1000	40	1000	3000
MTBE	ND (0.090)	ND (0.076)	ND (0.075)	ND (0.069)	NT	NT	NT	NT	NT	NT	0.1	100	100	0.1	100	500	0.1	100	500
NAPHTHALENE	ND (0.45)	ND (0.38)	ND (0.37)	ND (0.35)	NT	NT	NT	NT	NT	NT	4	40	500	4	40	1000	4	40	3000
TOLUENE	ND (0.090)	ND (0.076)	ND (0.075)	ND (0.069)	NT	NT	NT	NT	NT	NT	30	500	500	30	1000	1000	30	2000	3000
M/P-XYLENE	ND (0.18)	ND (0.15)	ND (0.15)	ND (0.14)	NT	NT	NT	NT	NT	NT	400	300	500	400	300	1000	400	300	3000
O-XYLENE	ND (0.090)	ND (0.076)	ND (0.075)	ND (0.069)	NT	NT	NT	NT	NT	NT	400	300	500	400	300	1000	400	300	3000
SM 2540G (% Wt)																			
% Solidsxxx	91.8	95.1	95.9	97.7	91.9	95.4	97.5	96.7	97.1	95.5	~	~	~	~	~	~	~	~	~
SW-846 6010C (mg/Kg dry) Metals Digestion																			
Arsenic	NT	NT	NT	NT	3.0	NT	NT	NT	NT	NT	20	20	20	20	20	20	20	20	20
Barium	NT	NT	NT	NT	27	NT	NT	NT	NT	NT	1000	1000	1000	3000	3000	3000	5000	5000	5000
Cadmium	NT	NT	NT	NT	ND (0.27)	NT	NT	NT	NT	NT	2	2	2	30	30	30	30	30	30
Chromium	NT	NT	NT	NT	8.8	NT	NT	NT	NT	NT	30	30	30	200	200	200	200	200	200
LEAD	NT	NT	NT	NT	3.6	NT	NT	NT	NT	NT	300	300	300	300	300	300	300	300	300
Selenium	NT	NT	NT	NT	ND (5.3)	NT	NT	NT	NT	NT	400	400	400	800	800	800	800	800	800
Silver	NT	NT	NT	NT	ND (0.53)	NT	NT	NT	NT	NT	100	100	100	200	200	200	200	200	200
SW-846 7471B (mg/Kg dry) Metals Digestion																			
Mercury	NT	NT	NT	NT	ND (0.027)	NT	NT	NT	NT	NT	20	20	20	30	30	30	30	30	30
SW-846 8082A (mg/Kg dry)	NT	NT	NT	NT															
PCB 1016	NT	NT	NT	NT	NT	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	2	2	2	3	3	3	3	3	3
PCB 1221	NT	NT	NT	NT	NT	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	2	2	2	3	3	3	3	3	3
PCB 1232	NT	NT	NT	NT	NT	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	2	2	2	3	3	3	3	3	3
PCB 1242	NT	NT	NT	NT	NT	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	2	2	2	3	3	3	3	3	3
PCB 1248	NT	NT	NT	NT	NT	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	2	2	2	3	3	3	3	3	3
PCB 1254	NT	NT	NT	NT	NT	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	2	2	2	3	3	3	3	3	3
PCB 1260	NT	NT	NT	NT	NT	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	2	2	2	3	3	3	3	3	3
PCB 1262	NT	NT	NT	NT	NT	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	2	2	2	3	3	3	3	3	3
PCB 1268	NT	NT	NT	NT	NT	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	ND (0.10)	2	2	2	3	3	3	3	3	3

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430 Boston Post Road
Wayland, Massachusetts

Parameter	Basin-5				Basin-1	Basin-1A					'MCP - Method 1 Cleanup Standards								
	B5-BT-6	B5-SW-N-3	B5-SW-S-3	B5-SW-W-3	B-1-BOT-12	B-1A BT 12	B-1A SW-E-6	B-1A SW-N-6	B-1A SW-S-6	B-1A SW-W-6	S-1/GW-1	S-1/GW-2	S-1/GW-3	S-2/GW-1	S-2/GW-2	S-2/GW-3	S-3/GW-1	S-3/GW-2	S-3/GW-3
Sampling Date	12/30/2011 10:20:00 AM	12/30/2011 10:00:00 AM	12/30/2011 10:10:00 AM	12/30/2011 10:15:00 AM	12/30/2011 2:00:00 PM	1/5/2012 10:20:00 AM	1/5/2012 10:15:00 AM	1/5/2012 10:10:00 AM	1/5/2012 10:40:00 AM	1/5/2012 10:00:00 AM									
Sample Depth (feet below ground surface)	6	3	3	3	12	12	6	6	6	6									
SW-846 8260C (mg/Kg dry)																			
ACETONE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	6	50	400	6	50	400	6	50	400
TERT-AMYLMETHYL ETHER	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	~	~	~	~	~	~	~	~	~
BENZENE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2	30	30	2	200	200	2	700	900
BROMOBENZENE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	~	~	~	~	~	~	~	~	~
BROMOCHLOROMETHANE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	~	~	~	~	~	~	~	~	~
BROMODICHLOROMETHANE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.1	0.1	20	0.1	0.1	100	0.1	0.1	500
BROMOFORM	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.1	1	200	0.1	1	800	0.1	1	800
BROMOMETHANE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.5	0.5	30	0.5	0.5	30	0.5	0.5	30
2-BUTANONE (MEK)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	4	50	400	4	50	400	4	50	400
N-BUTYLBENZENE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	~	~	~	~	~	~	~	~	~
SEC-BUTYLBENZENE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	~	~	~	~	~	~	~	~	~
TERT-BUTYLBENZENE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	~	~	~	~	~	~	~	~	~
TERT-BUTYLETHYL ETHER	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	~	~	~	~	~	~	~	~	~
CARBON DISULFIDE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	~	~	~	~	~	~	~	~	~
CARBON TETRACHLORIDE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	10	5	10	10	5	60	10	5	400
CHLOROBENZENE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1	3	100	1	3	100	1	3	100
CHLORODIBROMOMETHANE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.005	0.03	20	0.005	0.03	100	0.005	0.03	500
CHLOROETHANE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	~	~	~	~	~	~	~	~	~
CHLOROFORM	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.4	0.3	400	0.4	0.3	800	0.4	0.3	800
CHLOROMETHANE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	~	~	~	~	~	~	~	~	~
2-CHLOROTOLUENE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	~	~	~	~	~	~	~	~	~
4-CHLOROTOLUENE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	~	~	~	~	~	~	~	~	~
1,2-DIBROMO-3-CHLOROPROPANE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	~	~	~	~	~	~	~	~	~
EDB	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	~	~	~	~	~	~	~	~	~
DIBROMOMETHANE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	~	~	~	~	~	~	~	~	~
1,2-DICHLOROBENZENE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	9	30	300	9	30	300	9	30	300
1,3-DICHLOROBENZENE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1	40	100	1	40	500	1	40	500
1,4-DICHLOROBENZENE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.7	4	50	0.7	4	300	0.7	4	2000
DICHLORODIFLUOROMETHANE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	~	~	~	~	~	~	~	~	~
1,1-DICHLOROETHANE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.4	5	500	0.4	5	1000	0.4	5	1000
1,2-DICHLOROETHANE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.1	0.1	10	0.1	0.1	90	0.1	0.1	300
1,1-DICHLOROETHYLENE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	3	40	500	3	40	1000	3	40	3000
CIS-1,2-DICHLOROETHYLENE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.3	0.4	100	0.3	0.4	500	0.3	0.4	500
TRANS-1,2-DICHLOROETHYLENE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1	1	500	1	1	1000	1	1	3000
1,2-DICHLOROPROPANE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.1	0.1	10	0.1	0.1	100	0.1	0.1	600
1,3-DICHLOROPROPANE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	~	~	~	~	~	~	~	~	~
2,2-DICHLOROPROPANE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	~	~	~	~	~	~	~	~	~
1,1-DICHLOROPROPENE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	~	~	~	~	~	~	~	~	~
CIS-1,3-DICHLOROPROPENE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.01	0.4	9	0.01	0.4	70	0.01	0.4	100
TRANS-1,3-DICHLOROPROPENE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.01	0.4	9	0.01	0.4	70	0.01	0.4	100
DIETHYL ETHER	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	~	~	~	~	~	~	~	~	~
DIISOPROPYL ETHER	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	~	~	~	~	~	~	~	~	~
1,4-DIOXANE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.2	6	70	0.2	6	500	0.2	6	500
ETHYLBENZENE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	40	500	500	40	1000	1000	40	1000	3000
HEXACHLOROBUTADIENE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	6	6	6	90	90	90	100	100	100
2-HEXANONE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	~	~	~	~	~	~	~	~	~
ISOPROPYLBENZENE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	~	~	~	~	~	~	~	~	~
P-ISOPROPYLTOLUENE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	~	~	~	~	~	~	~	~	~
MTBE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.1	100	100	0.1	100	500	0.1	100	500
METHYLENE CHLORIDE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.1	20	200	0.1	20	900	0.1	20	900
MIBK	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.4	50	400	0.4	50	400	0.4	50	400
NAPHTHALENE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	4	40	500	4	40	1000	4	40	3000
N-PROPYLBENZENE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	~	~	~	~	~	~	~	~	~
STYRENE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	3	4	30	3	4	200	3	4	1000
1,1,1,2-TETRACHLOROETHANE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.1	0.1	7	0.1	0.1	100	0.1	0.1	300
1,1,2,2-TETRACHLOROETHANE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.005	0.02	0.8	0.005	0.02	10	0.005	0.02	40
TETRACHLOROETHYLENE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1	10	30	1	10	200	1	10	1000
TETRAHYDROFURAN	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	~	~	~	~	~	~	~	~	~
TOLUENE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	30	500	500	30	1000	1000	30	2000	3000
1,2,3-TRICHLOROBENZENE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	~	~	~	~	~	~	~	~	~
1,2,4-TRICHLOROBENZENE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2	70	500	2	70	900	2	70	900
1,1,1-TRICHLOROETHANE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	30	500	500	30	600	1000	30	600	3000
1,1,2-TRICHLOROETHANE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.1	2	4	0.1	2	60	0.1	2	200
TRICHLOROETHYLENE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.3	2	90	0.3	2	700	0.3	2	2000
TRICHLOROFLUOROMETHANE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	~	~	~	~	~	~	~	~	~
1,2,3-TRICHLOROPROPANE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	~	~	~	~	~	~	~	~	~
1,2,4-TRIMETHYLBENZENE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	~	~	~	~	~	~	~	~	~
1,3,5-TRIMETHYLBENZENE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	~	~	~	~	~	~	~	~	~
VINYL CHLORIDE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.6	0.6	0.6	0.9	0.7	4	0.9	0.7	30
M/P-XYLENE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	400	300	500	400	300	1000	400	300	3000
O-XYLENE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	400	300	500	400	300	1000	400	300	3000

NOTES:
1. Analytical data presented in milligrams per kilo
2. An asterisk (*) following a detection limit indicat
3. ND = Not detected above the lab reporting limit
4. NT = Not tested.
5. ~ = No Method 1 Standard available
6. Bolded values exceed the Method 1 Cleanup Sta

Table 2
Summary of Soil Analytical Data - Post Excavation UST Removal
430 Boston Post Road
Wayland, Massachusetts

Parameter	Basin-6					Basin-7				'MCP - Method 1 Cleanup Standards								
	B-6 BT 5	B-6 SW-E 3	B-6 SW-N 3	B-6 SW-S 3	B-6 SW-W 3	B-7 SW E 3	B-7 SW N 3	B-7 SW S 3	B-7 SW W 3	S-1/GW-1	S-1/GW-2	S-1/GW-3	S-2/GW-1	S-2/GW-2	S-2/GW-3	S-3/GW-1	S-3/GW-2	S-3/GW-3
Sampling Date	1/13/2012 1:00:00 PM	1/13/2012 12:55:00 PM	1/13/2012 12:20:00 PM	1/13/2012 12:50:00 PM	1/13/2012 12:40:00 PM	1/31/2012 8:40:00 AM	1/31/2012 8:50:00 AM	1/31/2012 8:45:00 AM	1/31/2012 8:55:00 AM									
Sample Depth (feet below ground surface)	5	3	3	3	3	3	3	3	3									
MADEP-EPH-04-1.1 (mg/Kg dry)																		
C9-C18 ALIPHATICS	13	95	ND (11)	ND (11)	ND (11)	ND (12)	ND (12)	ND (11)	18	1000	1000	1000	3000	3000	3000	5000	5000	5000
C19-C36 ALIPHATICS	780	**10000**	ND (11)	ND (11)	ND (11)	ND (12)	160	ND (11)	770	3000	3000	3000	5000	5000	5000	5000	5000	5000
C11-C22 AROMATICS	140	**1900**	ND (11)	ND (11)	ND (11)	ND (12)	62	ND (11)	120	1000	1000	1000	1000	3000	3000	1000	5000	5000
ACENAPHTHENE	ND (0.11)	0.34	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.12)	0.69	ND (0.11)	ND (0.11)	4	1000	1000	4	3000	3000	4	5000	5000
ACENAPHTHYLENE	ND (0.11)	0.89	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.12)	ND (0.12)	ND (0.11)	ND (0.11)	1	600	10	1	600	10	1	600	10
ANTHRACENE	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.12)	0.84	ND (0.11)	ND (0.11)	1000	1000	1000	3000	3000	3000	5000	5000	5000
BENZO(A)ANTHRACENE	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.12)	1.4	ND (0.11)	ND (0.11)	7	7	7	40	40	40	300	300	300
BENZO(A)PYRENE	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.12)	1.0	ND (0.11)	ND (0.11)	2	2	2	4	4	4	30	30	30
BENZO(B)FLUORANTHENE	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.12)	1.4	ND (0.11)	ND (0.11)	7	7	7	40	40	40	300	300	300
BENZO(G,H,I)PERYLENE	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.12)	0.55	ND (0.11)	ND (0.11)	1000	1000	1000	3000	3000	3000	5000	5000	5000
BENZO(K)FLUORANTHENE	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.12)	0.58	ND (0.11)	ND (0.11)	70	70	70	400	400	400	3000	3000	3000
CHRYSENE	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.12)	1.1	ND (0.11)	ND (0.11)	70	70	70	400	400	400	3000	3000	3000
DIBENZ(A,H)ANTHRACENE	ND (0.11)	0.22	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.12)	0.16	ND (0.11)	ND (0.11)	0.7	0.7	0.7	4	4	4	30	30	30
FLUORANTHENE	ND (0.11)	0.39	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.12)	3.3	ND (0.11)	0.41	1000	1000	1000	3000	3000	3000	5000	5000	5000
FLUORENE	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.12)	0.45	ND (0.11)	ND (0.11)	1000	1000	1000	3000	3000	3000	5000	5000	5000
INDENO(1,2,3-CD)PYRENE	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.12)	0.59	ND (0.11)	ND (0.11)	7	7	7	40	40	40	300	300	300
2-METHYLNAPHTHALENE	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.12)	ND (0.12)	ND (0.11)	ND (0.11)	0.7	80	300	0.7	80	500	0.7	80	500
NAPHTHALENE	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.12)	ND (0.12)	ND (0.11)	ND (0.11)	4	40	500	4	40	1000	4	40	3000
PHENANTHRENE	ND (0.11)	0.17	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.12)	3.5	ND (0.11)	0.37	10	500	500	10	1000	1000	10	3000	3000
PYRENE	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.12)	3.0	ND (0.11)	0.35	1000	1000	1000	3000	3000	3000	5000	5000	5000
MADEP-VPH-04-1.1 (mg/Kg dry)																		
C5-C8 ALIPHATICS	ND (19)	ND (18)	ND (13)	ND (16)	ND (18)	ND (17)	ND (19)	ND (15)	ND (16)	100	100	100	500	500	500	500	500	500
C9-C12 ALIPHATICS	ND (19)	ND (18)	ND (13)	ND (16)	ND (18)	ND (17)	ND (19)	ND (15)	ND (16)	1000	1000	1000	3000	3000	3000	5000	5000	5000
C9-C10 AROMATICS	ND (19)	ND (18)	ND (13)	ND (16)	ND (18)	ND (17)	ND (19)	ND (15)	ND (16)	100	100	100	300	500	500	300	500	500
BENZENE	ND (0.097)	ND (0.089)	ND (0.064)	ND (0.081)	ND (0.092)	ND (0.086)	ND (0.097)	ND (0.076)	ND (0.079)	2	30	30	2	200	200	2	700	900
ETHYLBENZENE	ND (0.097)	ND (0.089)	ND (0.064)	ND (0.081)	ND (0.092)	ND (0.086)	ND (0.097)	ND (0.076)	ND (0.079)	40	500	500	40	1000	1000	40	1000	3000
MTBE	ND (0.097)	ND (0.089)	ND (0.064)	ND (0.081)	ND (0.092)	ND (0.086)	ND (0.097)	ND (0.076)	ND (0.079)	0.1	100	100	0.1	100	500	0.1	100	500
NAPHTHALENE	ND (0.49)	ND (0.45)	ND (0.32)	ND (0.41)	ND (0.46)	ND (0.43)	ND (0.48)	ND (0.38)	ND (0.39)	4	40	500	4	40	1000	4	40	3000
TOLUENE	ND (0.097)	ND (0.089)	ND (0.064)	ND (0.081)	ND (0.092)	ND (0.086)	ND (0.097)	ND (0.076)	ND (0.079)	30	500	500	30	1000	1000	30	2000	3000
M/P-XYLENE	ND (0.19)	ND (0.18)	ND (0.13)	ND (0.16)	ND (0.18)	ND (0.17)	ND (0.19)	ND (0.15)	ND (0.16)	400	300	500	400	300	1000	400	300	3000
O-XYLENE	ND (0.097)	ND (0.089)	ND (0.064)	ND (0.081)	ND (0.092)	ND (0.086)	ND (0.097)	ND (0.076)	ND (0.079)	400	300	500	400	300	1000	400	300	3000
SM 2540G (% Wt)																		
% Solidsxxx	86.8	90.2	89.5	89.9	92.5	84.0	83.3	86.4	86.8	~	~	~	~	~	~	~	~	~
SW-846 6010C (mg/Kg dry) Metals Digestion																		
Arsenic	NT	NT	NT	NT	NT	NT	NT	NT	NT	20	20	20	20	20	20	20	20	20
Barium	NT	NT	NT	NT	NT	NT	NT	NT	NT	1000	1000	1000	3000	3000	3000	5000	5000	5000
Cadmium	NT	NT	NT	NT	NT	NT	NT	NT	NT	2	2	2	30	30	30	30	30	30
Chromium	NT	NT	NT	NT	NT	NT	NT	NT	NT	30	30	30	200	200	200	200	200	200
LEAD	NT	NT	NT	NT	NT	NT	NT	NT	NT	300	300	300	300	300	300	300	300	300
Selenium	NT	NT	NT	NT	NT	NT	NT	NT	NT	400	400	400	800	800	800	800	800	800
Silver	NT	NT	NT	NT	NT	NT	NT	NT	NT	100	100	100	200	200	200	200	200	200
SW-846 7471B (mg/Kg dry) Metals Digestion																		
Mercury	NT	NT	NT	NT	NT	NT	NT	NT	NT	20	20	20	30	30	30	30	30	30
SW-846 8082A (mg/Kg dry)																		
PCB 1016	NT	NT	NT	NT	NT	NT	NT	NT	NT	2	2	2	3	3	3	3	3	3
PCB 1221	NT	NT	NT	NT	NT	NT	NT	NT	NT	2	2	2	3	3	3	3	3	3
PCB 1232	NT	NT	NT	NT	NT	NT	NT	NT	NT	2	2	2	3	3	3	3	3	3
PCB 1242	NT	NT	NT	NT	NT	NT	NT	NT	NT	2	2	2	3	3	3	3	3	3
PCB 1248	NT	NT	NT	NT	NT	NT	NT	NT	NT	2	2	2	3	3	3	3	3	3
PCB 1254	NT	NT	NT	NT	NT	NT	NT	NT	NT	2	2	2	3	3	3	3	3	3
PCB 1260	NT	NT	NT	NT	NT	NT	NT	NT	NT	2	2	2	3	3	3	3	3	3
PCB 1262	NT	NT	NT	NT	NT	NT	NT	NT	NT	2	2	2	3	3	3	3	3	3
PCB 1268	NT	NT	NT	NT	NT	NT	NT	NT	NT	2	2	2	3	3	3	3	3	3

Table 2
Summary of Soil Analytical Data - Post Excavation UST Removal
430 Boston Post Road
Wayland, Massachusetts

Parameter	Basin-6					Basin-7				'MCP - Method 1 Cleanup Standards								
	B-6 BT 5	B-6 SW-E 3	B-6 SW-N 3	B-6 SW-S 3	B-6 SW-W 3	B-7 SW E 3	B-7 SW N 3	B-7 SW S 3	B-7 SW W 3	S-1/GW-1	S-1/GW-2	S-1/GW-3	S-2/GW-1	S-2/GW-2	S-2/GW-3	S-3/GW-1	S-3/GW-2	S-3/GW-3
Sampling Date	1/13/2012 1:00:00 PM	1/13/2012 12:55:00 PM	1/13/2012 12:20:00 PM	1/13/2012 12:50:00 PM	1/13/2012 12:40:00 PM	1/31/2012 8:40:00 AM	1/31/2012 8:50:00 AM	1/31/2012 8:45:00 AM	1/31/2012 8:55:00 AM									
Sample Depth (feet below ground surface)	5	3	3	3	3	3	3	3	3									
SW-846 8260C (mg/Kg dry)																		
ACETONE	NT	NT	NT	NT	NT	NT	NT	NT	NT	6	50	400	6	50	400	6	50	400
TERT-AMYLMETHYL ETHER	NT	NT	NT	NT	NT	NT	NT	NT	NT	~	~	~	~	~	~	~	~	~
BENZENE	NT	NT	NT	NT	NT	NT	NT	NT	NT	2	30	30	2	200	200	2	700	900
BROMOBENZENE	NT	NT	NT	NT	NT	NT	NT	NT	NT	~	~	~	~	~	~	~	~	~
BROMOCHLOROMETHANE	NT	NT	NT	NT	NT	NT	NT	NT	NT	~	~	~	~	~	~	~	~	~
BROMODICHLOROMETHANE	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.1	0.1	20	0.1	0.1	100	0.1	0.1	500
BROMOFORM	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.1	1	200	0.1	1	800	0.1	1	800
BROMOMETHANE	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.5	0.5	30	0.5	0.5	30	0.5	0.5	30
2-BUTANONE (MEK)	NT	NT	NT	NT	NT	NT	NT	NT	NT	4	50	400	4	50	400	4	50	400
N-BUTYLBENZENE	NT	NT	NT	NT	NT	NT	NT	NT	NT	~	~	~	~	~	~	~	~	~
SEC-BUTYLBENZENE	NT	NT	NT	NT	NT	NT	NT	NT	NT	~	~	~	~	~	~	~	~	~
TERT-BUTYLBENZENE	NT	NT	NT	NT	NT	NT	NT	NT	NT	~	~	~	~	~	~	~	~	~
TERT-BUTYLETHYL ETHER	NT	NT	NT	NT	NT	NT	NT	NT	NT	~	~	~	~	~	~	~	~	~
CARBON DISULFIDE	NT	NT	NT	NT	NT	NT	NT	NT	NT	~	~	~	~	~	~	~	~	~
CARBON TETRACHLORIDE	NT	NT	NT	NT	NT	NT	NT	NT	NT	10	5	10	10	5	60	10	5	400
CHLOROBENZENE	NT	NT	NT	NT	NT	NT	NT	NT	NT	1	3	100	1	3	100	1	3	100
CHLORODIBROMOMETHANE	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.005	0.03	20	0.005	0.03	100	0.005	0.03	500
CHLOROETHANE	NT	NT	NT	NT	NT	NT	NT	NT	NT	~	~	~	~	~	~	~	~	~
CHLOROFORM	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.4	0.3	400	0.4	0.3	800	0.4	0.3	800
CHLOROMETHANE	NT	NT	NT	NT	NT	NT	NT	NT	NT	~	~	~	~	~	~	~	~	~
2-CHLOROTOLUENE	NT	NT	NT	NT	NT	NT	NT	NT	NT	~	~	~	~	~	~	~	~	~
4-CHLOROTOLUENE	NT	NT	NT	NT	NT	NT	NT	NT	NT	~	~	~	~	~	~	~	~	~
1,2-DIBROMO-3-CHLOROPROPANE	NT	NT	NT	NT	NT	NT	NT	NT	NT	~	~	~	~	~	~	~	~	~
EDB	NT	NT	NT	NT	NT	NT	NT	NT	NT	~	~	~	~	~	~	~	~	~
DIBROMOMETHANE	NT	NT	NT	NT	NT	NT	NT	NT	NT	~	~	~	~	~	~	~	~	~
1,2-DICHLOROBENZENE	NT	NT	NT	NT	NT	NT	NT	NT	NT	9	30	300	9	30	300	9	30	300
1,3-DICHLOROBENZENE	NT	NT	NT	NT	NT	NT	NT	NT	NT	1	40	100	1	40	500	1	40	500
1,4-DICHLOROBENZENE	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.7	4	50	0.7	4	300	0.7	4	2000
DICHLORODIFLUOROMETHANE	NT	NT	NT	NT	NT	NT	NT	NT	NT	~	~	~	~	~	~	~	~	~
1,1-DICHLOROETHANE	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.4	5	500	0.4	5	1000	0.4	5	1000
1,2-DICHLOROETHANE	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.1	0.1	10	0.1	0.1	90	0.1	0.1	300
1,1-DICHLOROETHYLENE	NT	NT	NT	NT	NT	NT	NT	NT	NT	3	40	500	3	40	1000	3	40	3000
CIS-1,2-DICHLOROETHYLENE	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.3	0.4	100	0.3	0.4	500	0.3	0.4	500
TRANS-1,2-DICHLOROETHYLENE	NT	NT	NT	NT	NT	NT	NT	NT	NT	1	1	500	1	1	1000	1	1	3000
1,2-DICHLOROPROPANE	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.1	0.1	10	0.1	0.1	100	0.1	0.1	600
1,3-DICHLOROPROPANE	NT	NT	NT	NT	NT	NT	NT	NT	NT	~	~	~	~	~	~	~	~	~
2,2-DICHLOROPROPANE	NT	NT	NT	NT	NT	NT	NT	NT	NT	~	~	~	~	~	~	~	~	~
1,1-DICHLOROPROPENE	NT	NT	NT	NT	NT	NT	NT	NT	NT	~	~	~	~	~	~	~	~	~
CIS-1,3-DICHLOROPROPENE	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.01	0.4	9	0.01	0.4	70	0.01	0.4	100
TRANS-1,3-DICHLOROPROPENE	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.01	0.4	9	0.01	0.4	70	0.01	0.4	100
DIETHYL ETHER	NT	NT	NT	NT	NT	NT	NT	NT	NT	~	~	~	~	~	~	~	~	~
DIISOPROPYL ETHER	NT	NT	NT	NT	NT	NT	NT	NT	NT	~	~	~	~	~	~	~	~	~
1,4-DIOXANE	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.2	6	70	0.2	6	500	0.2	6	500
ETHYLBENZENE	NT	NT	NT	NT	NT	NT	NT	NT	NT	40	500	500	40	1000	1000	40	1000	3000
HEXACHLOROBUTADIENE	NT	NT	NT	NT	NT	NT	NT	NT	NT	6	6	6	90	90	90	100	100	100
2-HEXANONE	NT	NT	NT	NT	NT	NT	NT	NT	NT	~	~	~	~	~	~	~	~	~
ISOPROPYLBENZENE	NT	NT	NT	NT	NT	NT	NT	NT	NT	~	~	~	~	~	~	~	~	~
P-ISOPROPYLTOLUENE	NT	NT	NT	NT	NT	NT	NT	NT	NT	~	~	~	~	~	~	~	~	~
MTBE	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.1	100	100	0.1	100	500	0.1	100	500
METHYLENE CHLORIDE	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.1	20	200	0.1	20	900	0.1	20	900
MIBK	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.4	50	400	0.4	50	400	0.4	50	400
NAPHTHALENE	NT	NT	NT	NT	NT	NT	NT	NT	NT	4	40	500	4	40	1000	4	40	3000
N-PROPYLBENZENE	NT	NT	NT	NT	NT	NT	NT	NT	NT	~	~	~	~	~	~	~	~	~
STYRENE	NT	NT	NT	NT	NT	NT	NT	NT	NT	3	4	30	3	4	200	3	4	1000
1,1,1,2-TETRACHLOROETHANE	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.1	0.1	7	0.1	0.1	100	0.1	0.1	300
1,1,2,2-TETRACHLOROETHANE	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.005	0.02	0.8	0.005	0.02	10	0.005	0.02	40
TETRACHLOROETHYLENE	NT	NT	NT	NT	NT	NT	NT	NT	NT	1	10	30	1	10	200	1	10	1000
TETRAHYDROFURAN	NT	NT	NT	NT	NT	NT	NT	NT	NT	~	~	~	~	~	~	~	~	~
TOLUENE	NT	NT	NT	NT	NT	NT	NT	NT	NT	30	500	500	30	1000	1000	30	2000	3000
1,2,3-TRICHLOROBENZENE	NT	NT	NT	NT	NT	NT	NT	NT	NT	~	~	~	~	~	~	~	~	~
1,2,4-TRICHLOROBENZENE	NT	NT	NT	NT	NT	NT	NT	NT	NT	2	70	500	2	70	900	2	70	900
1,1,1-TRICHLOROETHANE	NT	NT	NT	NT	NT	NT	NT	NT	NT	30	500	500	30	600	1000	30	600	3000
1,1,2-TRICHLOROETHANE	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.1	2	4	0.1	2	60	0.1	2	200
TRICHLOROETHYLENE	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.3	2	90	0.3	2	700	0.3	2	2000
TRICHLOROFLUOROMETHANE	NT	NT	NT	NT	NT	NT	NT	NT	NT	~	~	~	~	~	~	~	~	~
1,2,3-TRICHLOROPROPANE	NT	NT	NT	NT	NT	NT	NT	NT	NT	~	~	~	~	~	~	~	~	~
1,2,4-TRIMETHYLBENZENE	NT	NT	NT	NT	NT	NT	NT	NT	NT	~	~	~	~	~	~	~	~	~
1,3,5-TRIMETHYLBENZENE	NT	NT	NT	NT	NT	NT	NT	NT	NT	~	~	~	~	~	~	~	~	~
VINYL CHLORIDE	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.6	0.6	0.6	0.9	0.7	4	0.9	0.7	30
M/P-XYLENE	NT	NT	NT	NT	NT	NT	NT	NT	NT	400	300	500	400	300	1000	400	300	3000
O-XYLENE	NT	NT	NT	NT	NT	NT	NT	NT	NT	400	300	500	400	300	1000	400	300	3000

NOTES:
1. Analytical data presented in milligrams per kilo
2. An asterisk (*) following a detection limit indicat
3. ND = Not detected above the lab reporting limit
4. NT = Not tested.
5. ~ = No Method 1 Standard available
6. Bolded values exceed the Method 1 Cleanup Sta

Table 3
Summary of Disposal Analytical Data
430 Boston Post Road
Wayland, Massachusetts

Parameter	SAMPLING LOCATION													
	Disp 20k	RP-1207H-2	DISP-3H	DISP-20K (EXT)	Basin-4	Basin-4A	RP-1212D	RP-1213E	20K Pipe	Basin-5	SF-Disp	Basin-1A	DISP-0124	Basin-7
Sampling Date	12/7/2011 2:15:00 PM	12/7/2011 1:00:00 PM	12/8/2011 11:20:00 AM	12/8/2011 1:40:00 PM	12/12/2011 11:30:00 AM	12/12/2011 11:45:00 AM	12/12/2011 1:00:00 PM	12/13/2011 12:45:00 PM	12/22/2011 2:30:00 PM	12/30/2011 10:30:00 AM	12/30/2011 12:45:00 PM	12/30/2011 1:00:00 PM	1/24/2012 10:25:00 AM	1/31/2012 8:35:00 AM
SM 2540G (% Wt)														
% Solidsxxx	89.7	91.3	91.9	85.9	94.7	82.6	94.5	82.7	97.8	92.4	88.3	82.9	94.6	84.9
SM18-20 2510B (µmhos/cm)														
Specific Conductance	150	7.8	890	44	14	390	10	26	3.9	25	8.8	8.3	12	330
SW-846 1010 (°F)														
Flashpoint	> 212 °F	> 212 °F	> 212 °F	> 212 °F	> 212 °F	> 212 °F	> 212 °F	> 212 °F	NT	> 212 °F	> 212 °F	> 212 °F	> 212 °F	> 212 °F
SW-846 6010C (mg/Kg dry) Metals Digestion														
Arsenic	ND (2.7)	3.2	5.1	ND (2.9)	3.0	7.0	3.3	ND (2.9)	ND (2.4)	ND (2.6)	ND (2.8)	ND (2.9)	2.8	5.9
Barium	6.4	NT	NT	NT	NT	NT	NT	NT	NT	18	40	80	31	100
Cadmium	ND (0.27)	ND (0.27)	ND (0.26)	ND (0.29)	ND (0.26)	ND (0.30)	ND (0.26)	1.3	ND (0.24)	ND (0.26)	ND (0.28)	1.1	ND (0.26)	0.29
Chromium	2.7	8.1	14	8.9	11	28	8.1	29	9.2	7.9	11	19	11	13
LEAD	1.8	6.1	1.7	17	5.6	29	4.3	11	5.9	5.4	14	23	6.7	25
Selenium	ND (5.5)	NT	NT	NT	NT	NT	NT	NT	NT	ND (5.3)	ND (5.6)	ND (5.8)	ND (5.1)	ND (5.7)
Silver	ND (0.55)	NT	NT	NT	NT	NT	NT	NT	NT	ND (0.53)	ND (0.56)	ND (0.58)	ND (0.51)	ND (0.57)
SW-846 7471B (mg/Kg dry) Metals Digestion														
Mercury	ND (0.027)	ND (0.027)	ND (0.027)	ND (0.029)	ND (0.026)	0.046	ND (0.026)	0.031	ND (0.026)	ND (0.027)	0.039	0.057	ND (0.026)	0.074
SW-846 8082A (mg/Kg dry)														
PCB 1016	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.12)	ND (0.10)	ND (0.12)	ND (0.10)	ND (0.12)	ND (0.10)	ND (0.11)	ND (0.11)	ND (0.12)	ND (0.10)	ND (0.12)
PCB 1221	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.12)	ND (0.10)	ND (0.12)	ND (0.10)	ND (0.12)	ND (0.10)	ND (0.11)	ND (0.11)	ND (0.12)	ND (0.10)	ND (0.12)
PCB 1232	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.12)	ND (0.10)	ND (0.12)	ND (0.10)	ND (0.12)	ND (0.10)	ND (0.11)	ND (0.11)	ND (0.12)	ND (0.10)	ND (0.12)
PCB 1242	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.12)	ND (0.10)	ND (0.12)	ND (0.10)	ND (0.12)	ND (0.10)	ND (0.11)	ND (0.11)	ND (0.12)	ND (0.10)	ND (0.12)
PCB 1248	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.12)	ND (0.10)	0.38	ND (0.10)	ND (0.12)	ND (0.10)	ND (0.11)	ND (0.11)	ND (0.12)	ND (0.10)	ND (0.12)
PCB 1254	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.12)	ND (0.10)	0.35	ND (0.10)	0.23	ND (0.10)	ND (0.11)	ND (0.11)	ND (0.12)	ND (0.10)	ND (0.12)
PCB 1260	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.12)	ND (0.10)	ND (0.12)	ND (0.10)	ND (0.12)	ND (0.10)	ND (0.11)	ND (0.11)	ND (0.12)	ND (0.10)	ND (0.12)
PCB 1262	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.12)	ND (0.10)	ND (0.12)	ND (0.10)	ND (0.12)	ND (0.10)	ND (0.11)	ND (0.11)	ND (0.12)	ND (0.10)	ND (0.12)
PCB 1268	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.12)	ND (0.10)	ND (0.12)	ND (0.10)	ND (0.12)	ND (0.10)	ND (0.11)	ND (0.11)	ND (0.12)	ND (0.10)	ND (0.12)
SW-846 8100 Modified (mg/Kg dry)														
TPH-DRO	ND (9.3)	740	ND (9.0)	8100	18	9700	19	**110000**	3100	**46000**	780	6200	90	4700
SW-846 8260C (mg/Kg dry)														
ACETONE	ND (0.13)	ND (0.058)	ND (0.099)	ND (5.8)	ND (0.052)	ND (0.11)	ND (0.11)	**ND (59) ***	**ND (13) ***	ND (0.16)	**ND (7.0) ***	**ND (9.4) ***	ND (0.24)	ND (0.15)
TERT-AMYLMETHYL ETHER	ND (0.0013)	ND (0.00058)	ND (0.00099)	ND (0.058)	ND (0.00052)	ND (0.0011)	ND (0.0011)	ND (0.59)	ND (0.065)	ND (0.0016)	ND (0.035)	ND (0.047)	ND (0.0012)	ND (0.0015)
BENZENE	ND (0.0026)	ND (0.0012)	ND (0.0020)	ND (0.12)	ND (0.0010)	ND (0.0022)	ND (0.0022)	ND (1.2)	ND (0.13)	ND (0.0032)	ND (0.070)	ND (0.094)	ND (0.0024)	ND (0.0030)
BROMOBENZENE	ND (0.0026)	ND (0.0012)	ND (0.0020)	ND (0.12)	ND (0.0010)	ND (0.0022)	ND (0.0022)	ND (1.2)	ND (0.13)	ND (0.0032)	ND (0.070)	ND (0.094)	ND (0.0024)	ND (0.0030)
BROMOCHLOROMETHANE	ND (0.0026)	ND (0.0012)	ND (0.0020)	ND (0.12)	ND (0.0010)	ND (0.0022)	ND (0.0022)	ND (1.2)	ND (0.13)	ND (0.0032)	ND (0.070)	ND (0.094)	ND (0.0024)	ND (0.0030)
BROMODICHLOROMETHANE	ND (0.0026)	ND (0.0012)	ND (0.0020)	**ND (0.12) ***	ND (0.0010)	ND (0.0022)	ND (0.0022)	**ND (1.2) ***	**ND (0.13) ***	ND (0.0032)	ND (0.070)	ND (0.094)	ND (0.0024)	ND (0.0030)
BROMOFORM	ND (0.0026)	ND (0.0012)	ND (0.0020)	**ND (0.12) ***	ND (0.0010)	ND (0.0022)	ND (0.0022)	**ND (1.2) ***	**ND (0.26) ***	ND (0.0032)	**ND (0.14) ***	**ND (0.19) ***	ND (0.0024)	ND (0.0030)
BROMOMETHANE	ND (0.013)	ND (0.0058)	ND (0.0099)	**ND (0.58) ***	ND (0.0052)	ND (0.011)	ND (0.011)	**ND (5.9) ***	ND (0.26)	ND (0.016)	ND (0.14)	ND (0.19)	ND (0.012)	ND (0.015)
2-BUTANONE (MEK)	ND (0.051)	ND (0.023)	ND (0.039)	ND (2.3)	ND (0.021)	ND (0.043)	ND (0.045)	**ND (24) ***	ND (2.6)	ND (0.064)	ND (1.4)	ND (1.9)	ND (0.049)	ND (0.060)
N-BUTYLBENZENE	ND (0.0026)	ND (0.0012)	ND (0.0020)	0.54	ND (0.0010)	ND (0.0022)	ND (0.0022)	ND (12)	ND (0.13)	ND (0.0032)	0.54	1.1	0.0043	ND (0.0030)
SEC-BUTYLBENZENE	ND (0.0026)	ND (0.0012)	ND (0.0020)	0.29	ND (0.0010)	ND (0.0022)	ND (0.0022)	ND (1.2)	ND (0.13)	ND (0.0032)	0.19	0.33	ND (0.0024)	ND (0.0030)
TERT-BUTYLBENZENE	ND (0.0026)	ND (0.0012)	ND (0.0020)	ND (0.12)	ND (0.0010)	ND (0.0022)	ND (0.0022)	ND (1.2)	ND (0.13)	ND (0.0032)	ND (0.070)	ND (0.094)	ND (0.0024)	ND (0.0030)
TERT-BUTYLETHYL ETHER	ND (0.0013)	ND (0.00058)	ND (0.00099)	ND (0.058)	ND (0.00052)	ND (0.0011)	ND (0.0011)	ND (0.59)	ND (0.065)	ND (0.0016)	ND (0.035)	ND (0.047)	ND (0.0012)	ND (0.0015)
CARBON DISULFIDE	ND (0.0077)	ND (0.0035)	ND (0.0059)	ND (1.2)	ND (0.0031)	ND (0.0065)	ND (0.0067)	ND (12)	ND (1.3)	ND (0.0095)	ND (0.70)	ND (0.94)	ND (0.12)	ND (0.0090)
CARBON TETRACHLORIDE	ND (0.0026)	ND (0.0012)	ND (0.0020)	ND (0.12)	ND (0.0010)	ND (0.0022)	ND (0.0022)	ND (1.2)	ND (0.13)	ND (0.0032)	ND (0.070)	ND (0.094)	ND (0.0024)	ND (0.0030)
CHLOROBENZENE	ND (0.0026)	ND (0.0012)	ND (0.0020)	0.18	ND (0.0010)	ND (0.0022)	ND (0.0022)	**ND (1.2) ***	ND (0.13)	ND (0.0032)	ND (0.070)	ND (0.094)	ND (0.0024)	ND (0.0030)
CHLORODIBROMOMETHANE	ND (0.0026)	ND (0.0012)	ND (0.0020)	**ND (0.058) ***	ND (0.00052)	ND (0.0011)	ND (0.0011)	**ND (0.59) ***	**ND (0.065) ***	ND (0.0016)	**ND (0.035) ***	**ND (0.047) ***	ND (0.0012)	ND (0.0015)
CHLOROETHANE	ND (0.013)	ND (0.0058)	ND (0.0099)	ND (0.23)	ND (0.0052)	ND (0.011)	ND (0.011)	ND (2.4)	ND (0.26)	ND (0.016)	ND (0.14)	ND (0.19)	ND (0.012)	ND (0.015)
CHLOROFORM	ND (0.0051)	ND (0.0023)	ND (0.0039)	ND (0.23)	ND (0.0021)	ND (0.0043)	ND (0.0045)	**ND (2.4) ***	ND (0.26)	ND (0.0064)	ND (0.14)	ND (0.19)	ND (0.0049)	ND (0.0060)
CHLOROMETHANE	ND (0.013)	ND (0.0058)	ND (0.0099)	ND (0.23)	ND (0.0052)	ND (0.011)	ND (0.011)	ND (2.4)	ND (0.26)	ND (0.016)	ND (0.14)	ND (0.19)	ND (0.012)	ND (0.015)
2-CHLOROTOLUENE	ND (0.0026)	ND (0.0012)	ND (0.0020)	ND (0.12)	ND (0.0010)	ND (0.0022)	ND (0.0022)	ND (12)	ND (0.13)	ND (0.0032)	ND (0.070)	ND (0.094)	ND (0.0024)	ND (0.0030)
4-CHLOROTOLUENE	ND (0.0026)	ND (0.0012)	ND (0.0020)	ND (0.12)	ND (0.0010)	ND (0.0022)	ND (0.0022)	ND (1.2)	ND (0.13)	ND (0.0032)	ND (0.070)	ND (0.094)	ND (0.0024)	ND (0.0030)
1,2-DIBROMO-3-CHLOROPROPANE	ND (0.0051)	ND (0.0023)	ND (0.0039)	ND (0.47)	ND (0.0010)	ND (0.0022)	ND (0.0022)	ND (4.8)	ND (1.3)	ND (0.0032)	ND (0.70)	ND (0.94)	ND (0.0049)	ND (0.0030)
EDB	ND (0.0013)	ND (0.00058)	ND (0.00099)	ND (0.058)	ND (0.00052)	ND (0.0011)	ND (0.0011)	ND (0.59)	ND (0.065)	ND (0.0016)	ND (0.035)	ND (0.047)	ND (0.0012)	ND (0.0015)
DIBROMOMETHANE	ND (0.0026)	ND (0.0012)	ND (0.0020)	ND (0.12)	ND (0.0010)	ND (0.0022)	ND (0.0022)	ND (1.2)	ND (0.13)	ND (0.0032)	ND (0.070)	ND (0.094)	ND (0.0024)	ND (0.0030)
1,2-DICHLOROBENZENE	ND (0.0026)	ND (0.0012)	ND (0.0020)	ND (0.12)	ND (0.0010)	ND (0.0022)	ND (0.0022)	ND (1.2)	ND (0.13)	ND (0.0032)	0.081	ND (0.094)	ND (0.0024)	ND (0.0030)
1,3-DICHLOROBENZENE	ND (0.0026)	ND (0.0012)	ND (0.0020)	0.15	ND (0.0010)	ND (0.0022)	ND (0.0022)	**ND (1.2) ***	ND (0.13)	ND (0.0032)	ND (0.070)	ND (0.094)	ND (0.0024)	ND (0.0030)
1,4-DICHLOROBENZENE	ND (0.0026)	ND (0.0012)	ND (0.0020)	0.17	ND (0.0010)	ND (0.0022)	ND (0.0022)	**ND (1.2) ***	ND (0.13)	ND (0.0032)	ND (0.070)	ND (0.094)	ND (0.0024)	ND (0.0030)
DICHLORODIFLUOROMETHANE	ND (0.013)	ND (0.0058)	ND (0.0099)	ND (0.23)	ND (0.0052)	ND (0.011)	ND (0.011)	ND (2.4)	ND (0.26)	ND (0.016)	ND (0.14)	ND (0.19)	ND (0.012)	ND (0.015)
1,1-DICHLOROETHANE	ND (0.0026)	ND (0.0012)	ND (0.0020)	ND (0.12)	ND (0.0010)	ND (0.0022)	ND (0.0022)	**ND (1.2) ***	ND (0.13)	ND (0.0032)	ND (0.070)	ND (0.094)	ND (0.0024)	ND (0.0030)
1,2-DICHLOROETHANE	ND (0.0026)	ND (0.0012)	ND (0.0020)	**ND (0.12) ***	ND (0.0010)	ND (0.0022)	ND (0.0022)	**ND (1.2) ***	**ND (0.13) ***	ND (0.0032)	ND (0.070)	ND (0.094)	ND (0.0024)	ND (0.0030)
1,1-DICHLOROETHYLENE	ND (0.0051)	ND (0.0023)	ND (0.0039)	ND (0.12)	ND (0.0021)	ND (0.0043)	ND (0.0045)	ND (2.4)	ND (0.13)	ND (0.0064)	ND (0.070)	ND (0.094)	ND (0.0049)	ND (0.0060)
CIS-1,2-DICHLOROETHYLENE	ND (0.0026)	ND (0.0012)	ND (0.0020)	ND (0.12)	ND (0.0010)	ND (0.0022)	ND (0.0022)	**ND (1.2) ***	ND (0.13)	ND (0.0032)	ND (0.070)	ND (0.094)	ND (0.0024)	ND (0.0030)
TRANS-1,2-DICHLOROETHYLENE	ND (0.0026)	ND (0.0012)	ND (0.0020)	ND (0.12)	ND (0.0010)	ND (0.0022)	ND (0.0022)	**ND (1.2) ***	ND (0.13)	ND (0.0032)	ND (0.070)	ND (0.094)	ND (0.0024)	ND (0.0030)
1,2-DICHLOROPROPANE	ND (0.0026)	ND (0.0012)	ND (0.0020)	**ND (0.12) ***	ND (0.0010)	ND (0.0022)	ND (0.0022)	**ND (1.2) ***	**ND (0.13) ***	ND (0.0032)	ND (0.070)	ND (0.094)	ND (0.0024)	ND (0.0030)
1,3-DICHLOROPROPANE	ND (0.0013)	ND (0.00058)	ND (0.00099)	ND (0.058)	ND (0.00052)	ND (0.0011)	ND (0.0011)	ND (0.59)	ND (0.065)	ND (0.0016)	ND (0.035)	ND (0.047)	ND (0.0012)	ND (0.0015)
2,2-DICHLOROPROPANE	ND (0.0026)	ND (0.0012)	ND (0.0020)	**ND (0.12) ***	ND (0.0010)	ND (0.0022)	ND (0.0022)	**ND (1.2) ***	**ND (0.13) ***	ND (0.0032)	ND (0.070)	ND (0.094)	ND (0.0024)	ND (0.0030)
1,1-DICHLOROPROPENE	ND (0.0026)	ND (0.0012)	ND (0.0020)	**ND (0.23) ***	ND (0.0010)	ND (0.0022)	ND (0.0022)	**ND (2.4) ***	**ND (0.26) ***	ND (0.0032)	**ND (0.14) ***	**ND (0.19) ***	ND (0.0024)	ND (0.0030)
CIS-1,3-DICHLOROPROPENE	ND (0.0013)	ND (0.00058)	ND (0.00099)	**ND (0.058) ***	ND (0.00052)	ND (0.0011)	ND (0.0011)	**ND (0.59) ***	**ND (0.065) ***	ND (0.0016)	**ND (0.035) ***	**ND (0.047) ***	ND (0.0012)	ND (0.0015)
TRANS-1,3-DICHLOROPROPENE	ND (0.0013)	ND (0.00058)	ND (0.00099)	**ND (0.058) ***	ND (0.00052)	ND (0.0011)	ND (0.0011)	**ND (0.59) ***	**ND (0.26) ***	ND (0.0016)	**ND (0.035) ***	**ND (0.047) ***	ND (0.0024)	ND (0.0015)
DIETHYL ETHER	ND (0.013)	ND (0.0058)	ND (0.0099)	ND (0.23)	ND (0.0052)	ND (0.011)	ND (0.011)	ND (2.4)	ND (0.26)	ND (0.016)	ND (0.14)	ND (0.19)	ND (0.012)	ND (0.015)
DIISOPROPYL ETHER	ND (0.0013)	ND (0.00058)	ND (0.00099)	ND (0.058)	ND (0.00052)	ND (0.0011)	ND (0.0011)	ND (0.59)	ND (0.065)	ND (0.0016)	ND (0.035)	ND (0.047)	ND (0.0012)	ND (0.0015)
1,4-DIOXANE	ND (0.13)	ND (0.058)	ND (0.099)	**ND (5.8) ***	ND (0.052)	ND (0.11)	ND (0.11)	**ND (59) ***	**ND (6.5) ***	ND (0.16)	**ND (3.5) ***	**ND (4.7) ***	ND (0.12)	ND (0.15)
ETHYLBENZENE	ND (0.0026)	ND (0.0012)	ND (0.0020)	0.67	ND (0.0010)	ND (0.0022)	ND (0.0022)	ND (1.2)	ND (0.13)	ND (0.0032)	0.23	0.53	ND (0.0024)	ND (0.0030)
HEXACHLOROBUTADIENE	ND (0.0026)	ND (0.0012)	ND (0.0020)	ND (0.12)	ND (0.0010)	ND (0.0022)	ND (0.0022)	ND (2.4)	ND (0.13)	ND (0.0032)	ND (0.070)	ND (0.094)	ND (0.0024)	ND (0.0030)
2-HEXANONE	ND (0.026)	ND (0.012)	ND (0.020)	ND (1.2)	ND (0.010)	ND (0.022)	ND (0.022)	ND (12)	ND (1.3)	ND (0.032)	ND (0.70)	ND (0.94)	ND (0.024)	ND (0.030)
ISOPROPYLBENZENE	ND (0.0026)	ND (0.0012)	ND (0.0020)	0.26	ND (0.0010)	ND (0.0022)	ND (0.0022)	ND (1.2)	ND (0.13)	ND (0.0032)	0.17	0.25	ND (0.0024)	ND (0.0030)
P-ISOPROPYLTOLUENE	ND (0.0026)	ND (0.0012)	ND (0.0020)	0.28	ND (0.0010)	ND (0.0022)	ND (0.0022)	ND (1.2)	ND (0.13)	ND (0.0032)	0.26	0.43	ND (0.0024)	ND (0.0030)
MTBE	ND (0.0051)	ND (0.0023)	ND (0.0039)	**ND (0.12) ***	ND (0.0021)	ND (0.0043)	ND (0.0045)	**ND (1.2) ***	**ND (0.13) ***	ND (0.0064)	ND (0.070)	ND (0.094)	ND (0.0049)	ND (0.0060)
METHYLENE CHLORIDE	ND (0.013)	ND (0.0058)	ND (0.0099)	**ND (0.58) ***	ND (0.0052)	ND (0.011)	ND (0.011)	**ND (5.9) ***	**ND (0.13) ***	ND (0.016)	**ND (0.70) ***	**ND (0.94) ***	ND (0.012)	ND (0.015)
MIBK	ND (0.026)	ND (0.012)	ND (0.020)	**ND (1.2) ***	ND (0.010)	ND (0.022)	ND (0.022)	**ND (12) ***	**ND (1.3) ***	ND (0.032)	**ND (0.70) ***	**ND (0.94) ***	ND (0.024)	ND (0.030)
NAPHTHALENE	ND (0.0051)	ND (0.0023)	ND (0.0039)	**6.3**	ND (0.0021)	0.010	ND (0.0045)	**ND (12) ***	ND (0.26)	ND (0.0064)	1.4	**15**	ND (0.012)	ND (0.0030)
N-PROPYLBENZENE	ND (0.0026)	ND (0.0012)	ND (0.0020)	0.57	ND (0.0010)	ND (0.0022)	ND (0.0022)	ND (1.2)	ND (0.13)	ND (0.0032)	0.34	0.61	ND (0.0024)	ND (0.0030)
STYRENE	ND (0.0026)	ND (0.0012)	ND (0.0020)	ND (0.12)	ND (0.0010)	ND (0.0022)	ND (0.0022)	ND (1.2)	ND (0.13)	ND (0.0032)	ND (0.070)	ND (0.094)	ND (0.0024)	ND (0.0030)
1,1,1,2-TETRACHLOROETHANE	ND (0.0026)	ND (0.0012)	ND (0.0020)	**ND (0.12) ***	ND (0.0010)	ND (0.0022)	ND (0.0022)	**ND (1.2) ***	**ND (0.13) ***	ND (0.0032)	ND (0.070)	ND (0.094)	ND (0.0024)	ND (0.0030)
1,1,2,2-TETRACHLOROETHANE	ND (0.0013)	ND (0.00058)	ND (0.00099)	**ND (0.058) ***	ND (0.00052)	ND (0.0011)	ND (0.0011)	**ND (0.59) ***	**ND (0.065) ***	ND (0.0016)	**ND (0.035) ***	**ND (0.047) ***	ND (0.0012)	ND (0.0030)
TETRACHLOROETHYLENE	ND (0.0026)	ND (0.0012)	ND (0.0020)	ND (0.12)	ND (0.0010)	ND (0.0022)	ND (0.0022)	**ND (1.2) ***	ND (0.13)	ND (0.0032)	ND (0.070)	**2.3**	ND (0.0024)	ND (0.015)
TETRAHYDROFURAN	ND (0.013)	ND (0.0058)	ND (0.0099)	ND (0.58)	ND (0.0052)	ND (0.011)	ND (0.011)	ND (4.8)	ND (0.52)	ND (0.016)	ND (0.28)	ND (0.38)	ND (0.012)	ND (0.0030)
TOLUENE	ND (0.0026)	ND (0.0012)	ND (0.0020)	ND (0.12)	ND (0.0010)	ND (0.0022)	ND (0.0022)	ND (1.2)	ND (0.13)	ND (0.0032)	ND (0.070)	0.67	ND (0.0024)	ND (0.0030)
1,2,3-TRICHLOROBENZENE	ND (0.0026)	ND (0.0012)	ND (0.0020)	ND (0.47)	ND (0.0010)	ND (0.0022)	ND (0.0022)	ND (5.9)	ND (0.52)	ND (0.0032)	ND (0.28)	ND (0.38)	ND (0.0049)	ND (0.0030)
1,2,4-TRICHLOROBENZENE	ND (0.0026)	ND (0.0012)	ND (0.0020)	ND (0.12)	ND (0.0010)	ND (0.0022)	ND (0.0022)	**ND (2.4) ***	ND (0.13)	ND (0.0032)	ND (0.070)	ND (0.094)	ND (0.0024)	ND (0.0030)
1,1,1-TRICHLOROETHANE	ND (0.0026)	ND (0.0012)	ND (0.0020)	ND (0.12)	ND (0.0010)	ND (0.0022)	ND (0.0022)	ND (1.2)	ND (0.13)	ND (0.0032)	ND (0.070)	ND (0.094)	ND (0.0024)	ND (0.0030)
1,1,2-TRICHLOROETHANE	ND (0.0026)	ND (0.0012)	ND (0.0020)	**ND (0.12) ***	ND (0.0010)	ND (0.0022)	ND (0.0022)	**ND (1.2) ***	**ND (0.13) ***	ND (0.0032)	ND (0.070)	ND (0.094)	ND (0.0024)	ND (0.0030)
TRICHLOROETHYLENE	ND (0.0026)	0.0015	ND (0.0020)	ND (0.12)	ND (0.0010)	ND (0.0022)	ND (0.0022)	**ND (1.2) ***	ND (0.13)	ND (0.0032)	ND (0.070)	0.27	ND (0.0024)	ND (0.015)
TRICHLOROFLUOROMETHANE	ND (0.013)	ND (0.0058)	ND (0.0099)	ND (0.23)	ND (0.0052)	ND (0.011)	ND (0.011)	ND (2.4)	7.2	ND (0.016)	ND (0.14)	ND (0.19)	ND (0.012)	ND (0.0030)
1,2,3-TRICHLOROPROPANE	ND (0.0026)	ND (0.0012)	ND (0.0020)	ND (0.23)	ND (0.0010)	ND (0.0022)	ND (0.0022)	ND (2.4)	ND (0.26)	ND (0.0032)	ND (0.14)	ND (0.19)	ND (0.0024)	0.0042
1,2,4-TRIMETHYLBENZENE	ND (0.0026)	ND (0.0012)	ND (0.0020)	0.32	ND (0.0010)	ND (0.0022)	ND (0.0022)	ND (1.2)	ND (0.13)	ND (0.0032)	1.8	3.4	0.017	ND (0.0030)
1,3,5-TRIMETHYLBENZENE	ND (0.0026)	ND (0.0012)	ND (0.0020)	ND (0.12)	ND (0.0010)	ND (0.0022)	ND (0.0022)	ND (1.2)	ND (0.13)	ND (0.0032)	0.32	1.2	0.0050	ND (0.015)
VINYL CHLORIDE	ND (0.013)	ND (0.0058)	ND (0.0099)	ND (0.23)	ND (0.0052)	ND (0.011)	ND (0.011)	**ND (2.4) ***	ND (0.26)	ND (0.016)	ND (0.14)	ND (0.19)	ND (0.012)	ND (0.0060)
M/P-XYLENE	ND (0.0051)	ND (0.0023)	ND (0.0039)	ND (0.23)	ND (0.0021)	ND (0.0043)	ND (0.0045)	ND (2.4)	ND (0.26)	ND (0.0064)	0.19	2.3	ND (0.0049)	ND (0.0030)
O-XYLENE	ND (0.0026)	ND (0.0012)	ND (0.0020)	ND (0.12)	ND (0.0010)	ND (0.0022)	ND (0.0022)	ND (1.2)	ND (0.13)	ND (0.0032)	ND (0.070)	1.4	0.0033	3.1

Table 3
Summary of Disposal Analytical Data
430 Boston Post Road
Wayland, Massachusetts

Parameter	SAMPLING LOCATION													
	Disp 20k	RP-1207H-2	DISP-3H	DISP-20K (EXT)	Basin-4	Basin-4A	RP-1212D	RP-1213E	20K Pipe	Basin-S	SF-Disp	Basin-1A	DISP-0124	Basin-7
SW-846 8270D (mg/Kg dry)														
ACENAPHTHENE	ND (0.19)	ND (0.37)	ND (0.18)	1.6	ND (0.18)	ND (1.6)	ND (0.18)	**ND (6.5) ***	ND (0.17)	ND (2.1)	ND (0.38)	**20**	ND (0.36)	**46**
ACENAPHTHYLENE	ND (0.19)	ND (0.37)	ND (0.18)	ND (0.79)	ND (0.18)	ND (1.6) *	ND (0.18)	**ND (6.5) ***	0.34	**ND (2.1) ***	ND (0.38)	ND (0.41)	ND (0.36)	**ND (4.0) ***
ACETOPHENONE	ND (0.38)	ND (0.74)	ND (0.37)	ND (1.6)	ND (0.36)	ND (3.3)	ND (0.36)	ND (13)	ND (0.35)	ND (4.2)	ND (0.77)	ND (0.81)	ND (0.71)	ND (8.0)
ANILINE	ND (0.38)	ND (0.74)	ND (0.37)	ND (1.6)	ND (0.36)	ND (3.3)	ND (0.36)	ND (13)	ND (0.35)	ND (4.2)	ND (0.77)	ND (0.81)	ND (0.71)	ND (8.0)
ANTHRACENE	ND (0.19)	ND (0.37)	ND (0.18)	1.7	ND (0.18)	ND (1.6)	ND (0.18)	ND (6.5)	ND (0.17)	ND (2.1)	ND (0.38)	24	ND (0.36)	60
BENZO(A)ANTHRACENE	ND (0.19)	ND (0.37)	ND (0.18)	3.5	ND (0.18)	ND (1.6)	ND (0.18)	ND (6.5)	0.91	ND (2.1)	0.42	**25**	ND (0.36)	**95**
BENZO(A)PYRENE	ND (0.19)	ND (0.37)	ND (0.18)	5.2	ND (0.18)	ND (1.6)	ND (0.18)	**ND (6.5) ***	1.3	**ND (2.1) ***	ND (0.38)	**21**	ND (0.36)	**76**
BENZO(B)FLUORANTHENE	ND (0.19)	ND (0.37)	ND (0.18)	2.6	ND (0.18)	ND (1.6)	ND (0.18)	ND (6.5)	1.4	ND (2.1)	0.41	**24**	ND (0.36)	**87**
BENZO(G,H,I)PERYLENE	ND (0.19)	ND (0.37)	ND (0.18)	ND (0.79)	ND (0.18)	ND (1.6)	ND (0.18)	ND (6.5)	0.82	ND (2.1)	ND (0.38)	15	ND (0.36)	44
BENZO(K)FLUORANTHENE	ND (0.19)	ND (0.37)	ND (0.18)	3.8	ND (0.18)	ND (1.6)	ND (0.18)	ND (6.5)	0.51	ND (2.1)	ND (0.38)	8.9	ND (0.36)	30
BIS(2-CHLOROETHOXY)METHANE	ND (0.38)	ND (0.74)	ND (0.37)	ND (1.6)	ND (0.36)	ND (3.3)	ND (0.36)	ND (13)	ND (0.35)	ND (4.2)	ND (0.77)	ND (0.81)	ND (0.71)	ND (8.0)
BIS(2-CHLOROETHYL)ETHER	ND (0.38)	ND (0.74) *	ND (0.37)	ND (1.6) *	ND (0.36)	ND (3.3) *	ND (0.36)	**ND (13) ***	ND (0.35)	**ND (4.2) ***	**ND (0.77) ***	**ND (0.81) ***	**ND (0.71) ***	**ND (8.0) ***
BIS(2-CHLOROISOPROPYL)ETHER	ND (0.38)	ND (0.74) *	ND (0.37)	ND (1.6) *	ND (0.36)	ND (3.3) *	ND (0.36)	**ND (13) ***	ND (0.35)	**ND (4.2) ***	**ND (0.77) ***	**ND (0.81) ***	**ND (0.71) ***	**ND (8.0) ***
BIS(2-ETHYLHEXYL)PHTHALATE	ND (0.38)	ND (0.74)	ND (0.37)	ND (1.6)	ND (0.36)	15	ND (0.36)	ND (13)	ND (0.35)	ND (4.2)	ND (0.77)	12	ND (0.71)	ND (8.0)
4-BROMOPHENYL PHENYL ETHER	ND (0.38)	ND (0.74)	ND (0.37)	ND (1.6)	ND (0.36)	ND (3.3)	ND (0.36)	ND (13)	ND (0.35)	ND (4.2)	ND (0.77)	ND (0.81)	ND (0.71)	ND (8.0)
BUTYLBENZYLPHTHALATE	ND (0.73)	ND (1.4)	ND (0.71)	ND (3.1)	ND (0.69)	12	ND (0.70)	ND (25)	ND (0.67)	ND (8.1)	ND (1.5)	ND (1.6)	ND (1.4)	ND (15)
4-CHLOROANILINE	ND (0.73)	ND (1.4) *	ND (0.71)	ND (3.1) *	ND (0.69)	ND (6.3) *	ND (0.70)	**ND (25) ***	ND (0.67)	**ND (8.1) ***	**ND (1.5) ***	**ND (1.6) ***	**ND (1.4) ***	**ND (15) ***
2-CHLORONAPHTHALENE	ND (0.38)	ND (0.74)	ND (0.37)	ND (1.6)	ND (0.36)	ND (3.3)	ND (0.36)	ND (13)	ND (0.35)	ND (4.2)	ND (0.77)	ND (0.81)	ND (0.71)	ND (8.0)
2-CHLOROPHENOL	ND (0.38)	ND (0.74) *	ND (0.37)	ND (1.6) *	ND (0.36)	ND (3.3) *	ND (0.36)	**ND (13) ***	ND (0.35)	**ND (4.2) ***	**ND (0.77) ***	**ND (0.81) ***	**ND (0.71) ***	**ND (8.0) ***
CHRYSENE	ND (0.19)	ND (0.37)	ND (0.18)	5.1	ND (0.18)	ND (1.6)	ND (0.18)	ND (6.5)	1.1	ND (2.1)	0.55	24	ND (0.36)	**91**
DIBENZ(A,H)ANTHRACENE	ND (0.19)	ND (0.37)	ND (0.18)	ND (0.79) *	ND (0.18)	ND (1.6) *	ND (0.18)	**ND (6.5) ***	0.26	**ND (2.1) ***	ND (0.38)	**2.5**	ND (0.36)	**14**
DIBENZOFURAN	ND (0.38)	ND (0.74)	ND (0.37)	ND (1.6)	ND (0.36)	ND (3.3)	ND (0.36)	ND (13)	ND (0.35)	ND (4.2)	ND (0.77)	15	ND (0.71)	25
DI-N-BUTYLPHTHALATE	ND (0.38)	ND (0.74)	ND (0.37)	ND (1.6)	ND (0.36)	ND (3.3)	ND (0.36)	ND (13)	ND (0.35)	ND (4.2)	ND (0.77)	ND (0.81)	ND (0.71)	ND (8.0)
1,2-DICHLOROBENZENE	ND (0.38)	ND (0.74)	ND (0.37)	ND (1.6)	ND (0.36)	ND (1.6)	ND (0.36)	**ND (13) ***	ND (0.35)	ND (4.2)	ND (0.77)	ND (0.81)	ND (0.71)	ND (8.0)
1,3-DICHLOROBENZENE	ND (0.38)	ND (0.74)	ND (0.37)	ND (1.6) *	ND (0.36)	ND (1.6) *	ND (0.36)	**ND (13) ***	ND (0.35)	**ND (4.2) ***	ND (0.77)	ND (0.81)	ND (0.71)	**ND (8.0) ***
1,4-DICHLOROBENZENE	ND (0.38)	ND (0.74) *	ND (0.37)	ND (1.6) *	ND (0.36)	ND (1.6) *	ND (0.36)	**ND (13) ***	ND (0.35)	**ND (4.2) ***	**ND (0.77) ***	**ND (0.81) ***	**ND (0.71) ***	**ND (8.0) ***
3,3'-DICHLOROBENZIDINE	ND (0.38)	ND (0.37)	ND (0.18)	ND (0.79)	ND (0.18)	ND (1.6) *	ND (0.18)	**ND (6.5) ***	ND (0.17)	**ND (2.1) ***	ND (0.38)	ND (0.41)	ND (0.36)	**ND (4.0) ***
2,4-DICHLOROPHENOL	ND (0.38)	ND (0.74) *	ND (0.37)	ND (1.6) *	ND (0.36)	ND (3.3) *	ND (0.36)	**ND (13) ***	ND (0.35)	**ND (4.2) ***	**ND (0.77) ***	**ND (0.81) ***	**ND (0.71) ***	**ND (8.0) ***
DIETHYLPHTHALATE	ND (0.38)	ND (0.74)	ND (0.37)	ND (1.6)	ND (0.36)	ND (3.3)	ND (0.36)	**ND (13) ***	ND (0.35)	ND (4.2)	ND (0.77)	ND (0.81)	ND (0.71)	ND (8.0)
2,4-DIMETHYLPHENOL	ND (0.38)	ND (0.74) *	ND (0.37)	ND (1.6) *	ND (0.36)	ND (3.3) *	ND (0.36)	**ND (13) ***	ND (0.35)	**ND (4.2) ***	**ND (0.77) ***	**ND (0.81) ***	**ND (0.71) ***	**ND (8.0) ***
DIMETHYLPHTHALATE	ND (0.73)	ND (1.4)	ND (0.71)	ND (3.1)	ND (0.69)	ND (6.3)	ND (0.70)	ND (25)	ND (0.67)	ND (8.1)	ND (1.5)	ND (1.6)	ND (1.4)	ND (15)
2,4-DINITROPHENOL	ND (0.73)	ND (1.4)	ND (0.71)	ND (3.1) *	ND (0.69)	ND (6.3) *	ND (0.70)	**ND (25) ***	ND (0.67)	**ND (8.1) ***	ND (1.5)	ND (1.6)	ND (1.4)	**ND (15) ***
2,4-DINITROTOLUENE	ND (0.38)	ND (0.74) *	ND (0.37)	ND (1.6) *	ND (0.36)	ND (3.3) *	ND (0.36)	**ND (13) ***	ND (0.35)	**ND (4.2) ***	**ND (0.77) ***	**ND (0.81) ***	**ND (0.71) ***	**ND (8.0) ***
2,6-DINITROTOLUENE	ND (0.38)	ND (0.74)	ND (0.37)	ND (1.6)	ND (0.36)	ND (3.3)	ND (0.36)	ND (13)	ND (0.35)	ND (4.2)	ND (0.77)	ND (0.81)	ND (0.71)	ND (8.0)
DI-N-OCTYLPHTHALATE	ND (0.73)	ND (1.4)	ND (0.71)	ND (3.1)	ND (0.69)	ND (6.3)	ND (0.70)	ND (25)	ND (0.67)	ND (8.1)	ND (1.5)	ND (1.6)	ND (1.4)	ND (15)
1,2-DIPHENYLHYDRAZINE (AZOBENZENE)	ND (0.38)	ND (0.74)	ND (0.37)	ND (1.6)	ND (0.36)	ND (1.6)	ND (0.36)	ND (13)	ND (0.35)	ND (4.2)	ND (0.77)	ND (0.81)	ND (0.71)	ND (8.0)
FLUORANTHENE	ND (0.19)	ND (0.37)	ND (0.18)	4.4	ND (0.18)	ND (1.6)	ND (0.18)	ND (6.5)	0.87	2.4	0.77	69	ND (0.36)	260
FLUORENE	ND (0.19)	ND (0.37)	ND (0.18)	2.5	ND (0.18)	ND (1.6)	ND (0.18)	ND (6.5)	ND (0.17)	ND (2.1)	0.52	18	ND (0.36)	32
HEXACHLOROBENZENE	ND (0.38)	ND (0.74) *	ND (0.37)	ND (1.6) *	ND (0.36)	ND (3.3) *	ND (0.36)	**ND (13) ***	ND (0.35)	**ND (4.2) ***	**ND (0.77) ***	**ND (0.81) ***	**ND (0.71) ***	**ND (8.0) ***
HEXACHLOROBUTADIENE	ND (0.38)	ND (0.74)	ND (0.37)	ND (1.6)	ND (0.36)	ND (3.3)	ND (0.36)	**ND (13) ***	ND (0.35)	ND (4.2)	ND (0.77)	ND (0.81)	ND (0.71)	**ND (8.0) ***
HEXACHLOROETHANE	ND (0.38)	ND (0.74) *	ND (0.37)	ND (1.6) *	ND (0.36)	ND (3.3) *	ND (0.36)	**ND (13) ***	ND (0.35)	**ND (4.2) ***	**ND (0.77) ***	**ND (0.81) ***	**ND (0.71) ***	**ND (8.0) ***
INDENO(1,2,3-CD)PYRENE	ND (0.19)	ND (0.37)	ND (0.18)	1.6	ND (0.18)	ND (1.6)	ND (0.18)	ND (6.5)	0.96	ND (2.1)	ND (0.38)	**17**	ND (0.36)	**60**
ISOPHORONE	ND (0.38)	ND (0.74)	ND (0.37)	ND (1.6)	ND (0.36)	ND (3.3)	ND (0.36)	ND (13)	ND (0.35)	ND (4.2)	ND (0.77)	ND (0.81)	ND (0.71)	ND (8.0)
2-METHYLNAPHTHALENE	ND (0.19)	ND (0.37)	ND (0.18)	4.2	ND (0.18)	ND (1.6) *	ND (0.18)	**ND (6.5) ***	ND (0.17)	**ND (2.1) ***	**4.0**	**8.1**	ND (0.36)	**12**
O-CRESOL	ND (0.38)	ND (0.74)	ND (0.37)	ND (1.6)	ND (0.36)	ND (3.3)	ND (0.36)	ND (13)	ND (0.35)	ND (4.2)	ND (0.77)	ND (0.81)	ND (0.71)	ND (8.0)
M/P-CRESOL	ND (0.38)	ND (0.74)	ND (0.37)	ND (1.6)	ND (0.36)	ND (3.3)	ND (0.36)	ND (13)	ND (0.35)	ND (4.2)	ND (0.77)	ND (0.81)	ND (0.71)	ND (8.0)
NAPHTHALENE	ND (0.19)	ND (0.37)	ND (0.18)	5.5	ND (0.18)	ND (1.6)	ND (0.18)	**ND (6.5) ***	ND (0.17)	ND (2.1)	1.0	**21**	ND (0.36)	**21**
NITROBENZENE	ND (0.38)	ND (0.74)	ND (0.37)	ND (1.6)	ND (0.36)	ND (3.3)	ND (0.36)	ND (13)	ND (0.35)	ND (4.2)	ND (0.77)	ND (0.81)	ND (0.71)	ND (8.0)
2-NITROPHENOL	ND (0.38)	ND (0.74)	ND (0.37)	ND (1.6)	ND (0.36)	ND (3.3)	ND (0.36)	ND (13)	ND (0.35)	ND (4.2)	ND (0.77)	ND (0.81)	ND (0.71)	ND (8.0)
4-NITROPHENOL	ND (0.73)	ND (1.4)	ND (0.71)	ND (3.1)	ND (0.69)	ND (6.3)	ND (0.70)	ND (25)	ND (0.67)	ND (8.1)	ND (1.5)	ND (1.6)	ND (1.4)	ND (15)
PENTACHLOROPHENOL	ND (0.38)	ND (0.74)	ND (0.37)	ND (1.6)	ND (0.36)	ND (3.3) *	ND (0.36)	**ND (13) ***	ND (0.35)	**ND (4.2) ***	ND (0.77)	ND (0.81)	ND (0.71)	**ND (8.0) ***
PHENANTHRENE	ND (0.19)	ND (0.37)	ND (0.18)	12	ND (0.18)	ND (1.6)	ND (0.18)	ND (6.5)	0.36	3.1	1.6	**83**	ND (0.36)	**220**
PHENOL	ND (0.38)	ND (0.74)	ND (0.37)	ND (1.6) *	ND (0.36)	ND (3.3) *	ND (0.36)	**ND (13) ***	ND (0.35)	**ND (4.2) ***	ND (0.77)	ND (0.81)	ND (0.71)	**ND (8.0) ***
PYRENE	ND (0.19)	ND (0.37)	ND (0.18)	4.9	ND (0.18)	ND (1.6)	ND (0.18)	ND (6.5)	1.6	ND (2.1)	0.92	63	ND (0.36)	160
1,2,4-TRICHLOROBENZENE	ND (0.38)	ND (0.74)	ND (0.37)	ND (1.6)	ND (0.36)	ND (1.6)	ND (0.36)	**ND (13) ***	ND (0.35)	**ND (4.2) ***	ND (0.77)	ND (0.81)	ND (0.71)	**ND (8.0) ***
2,4,5-TRICHLOROPHENOL	ND (0.38)	ND (0.74)	ND (0.37)	ND (1.6)	ND (0.36)	ND (1.6)	ND (0.36)	**ND (13) ***	ND (0.35)	**ND (4.2) ***	ND (0.77)	ND (0.81)	ND (0.71)	**ND (8.0) ***
2,4,6-TRICHLOROPHENOL	ND (0.38)	ND (0.74) *	ND (0.37)	ND (1.6) *	ND (0.36)	ND (3.3) *	ND (0.36)	**ND (13) ***	ND (0.35)	**ND (4.2) ***	**ND (0.77) ***	**ND (0.81) ***	**ND (0.71) ***	**ND (8.0) ***
SW-846 9014 (mg/Kg)														
Reactive Cyanide	ND (3.9)	ND (3.9)	ND (4.0)	ND (3.9)	ND (4.0)	ND (4.0)	ND (4.0)	ND (3.9)	NT	ND (3.9)	ND (3.9)	ND (3.9)	ND (3.9)	ND (3.9)
SW-846 9030A (mg/Kg)														
Reactive Sulfide	ND (20)	ND (19)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (19)	NT	ND (19)	ND (20)	ND (19)	ND (19)	ND (19)
SW-846 9045C (pH Units)														
pH	9.0	8.0	12	9.1	9.2	12	8.8	8.3	NT	7.2	8.2	11	8.0	11

NOTES:
1. Analytical data presented in milligrams per kilogram (mg/Kg).
2. An asterisk (*) following a detection limit indicates that the minimum laboratory reporting limit exceeds one or more of the regulatory criteria.
3. ND = Not detected above the lab reporting limits shown in parenthesis.
4. NT = Not tested.
5. ~ = No Method 1 Standard available
6. Bolded values exceed the Method 1 Cleanup Standards.

Table 4
Summary of Stockpile Identification
430 Boston Post Road
Wayland, Massachusetts

Stockpile Material Origination	Stockpile Disposal Sample Identification	Date Sampled	Reason for Segregation	Date Shipped Off-site	Weight Slip Tonnage (tons)
CONTAINERIZED WASTE Sample of the material contained within the two 3,000-gallon insulating oil USTs	DISP-3K	12/8/2011	Containerized Waste	2/2/2012	64.34
CONTAINERIZED WASTE Sample of the material contained within the 20,000-gallon No. 6 Fuel Oil UST	Disp 20k	12/8/2011	Containerized Waste	2/2/2012	127.02
				Total Containerized Waste (tons) =	**191.36**
Sample of the soil from the UST excavation below the 20,000-gallon No. 6 Fuel Oil UST	DISP-20K (EXT)	12/8/2011	Visual or olfactory impacts	1/23-25/2012	109.47
Sample of soil from coal ash observed during the removal of the removal of a foundation wall in the western edge of the future Stop & Shop parking area. (approximately five cubic yards added on 1/13/2012)	RP-1207H	12/7/2011	Visual impacts	1/23-25/2012	25.53
Sample of material (primarily sand) from a machinery storage area	Basin-4	12/12/2011	Visual or olfactory impacts	1/23-25/2012	61.70
Sample of material, mostly concrete, sand and waste materials (debris – suspected to be from the building demolition) from a suspected hydraulic lift concrete structure.	Basin-4A	12/12/2011	Visual or olfactory impacts	1/23-25/2012	12.69
Sample of soil in the vicinity of a 1-inch pipe that appeared to have a release of oil into an excavation on the southwest corner of the former Raytheon Building Pad.	RP-1212D	12/12/2011	Visual or olfactory impacts	1/23-1/25/2012	3.17
Sample of black oily sand and gravel excavated near a former suspected elevator piston.	RP-1213E	12/13/2011	Visual or olfactory impacts PID measurements greater than 10 Parts Per Million	1/23-25/2012	12.84
Sample of soil in the vicinity of a pipe suspected to have been formerly attached to the 20,000-gallon UST. The pipe was not connected or observed during the removal of the 20,000-gallon UST.	20K Pipe	12/22/2011	Visual or olfactory impacts	1/23-25/2012	Included in weight of DISP-20K (EXT)
Sample of black oily sand and gravel excavated adjacent to a wood and metal retaining wall from a depth of approximately 15 feet below ground surface.	SF-DISP	12/29/2011	Visual or olfactory impacts PID measurements greater than 10 Parts Per Million	1/23-25/2012	29.86
Sample of material (mostly concrete, sand and waste materials (debris – suspected to be from the building demolition) from a suspected hydraulic lift concrete structure.	Basin-5	12/30/2011	Visual or olfactory impacts	1/23-25/2012	29.06
Sample of contents of Basin-1A (mostly concrete and sand), but also including oily sands and an oil-covered sump pump.	Basin-1A	1/5/2012	Visual or olfactory impacts PID measurements greater than 10 Parts Per Million	1/23-25/2012	19.18
Sample of material (mostly concrete, sand and waste materials (debris – suspected to be from the building demolition) from a suspected hydraulic lift concrete structure.	Basin-6	1/13/2012	Visual or olfactory impacts	1/23-25/2012	6.42
Soil sample with a moderate solvent odor from approximately 10 feet to the east of the former 20,000-gallon No. 6 Fuel Oil UST.	DISP-0124	1/24/2012	Visual or olfactory impacts PID measurements greater than 10 Parts Per Million	4/12/2012	9.67
Sample of material (mostly concrete, sand and waste materials (debris – suspected to be from the building demolition) from a suspected hydraulic lift concrete structure.	Basin-7	1/31/2012	Visual or olfactory impacts	4/12/2012	19.33
				Total Other Waste (tons) =	**338.92**

Table 5
Summary of Dust Monitoring
430 Boston Post Road
Wayland, Massachusetts

October 31, 2011					
Time	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:20	Upwind	0.600	0.043	0.148	0.090
	Downwind	0.690	0.029	0.296	
9:20	Upwind	0.056	0.023	0.243	0.534
	Downwind	0.590	0.024	0.296	
10:31	Upwind	0.440	0.170	0.281	-0.408
	Downwind	0.032	0.014	0.495	
11:20	Upwind	0.039	0.014	0.259	-0.007
	Downwind	0.032	0.012	0.495	
12:25	Upwind	0.031	0.014	0.259	-0.024
	Downwind	0.007	0.260	0.495	
13:20	Upwind	0.030	0.003	1.140	-0.007
	Downwind	0.023	0.007	0.495	
14:15	Upwind	0.029	0.003	1.390	-0.007
	Downwind	0.022	0.006	0.495	
15:00	Upwind	0.046	0.005	19.3	-0.025
	Downwind	0.021	0.006	0.495	
November 1, 2011					
Time	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
7:50	Upwind	0.050	0.039	0.163	-0.002
	Downwind	0.048	0.037	0.239	
8:40	Upwind	0.055	0.039	0.163	0.001
	Downwind	0.056	0.037	0.239	
9:50	Upwind	0.060	0.039	0.211	0.000
	Downwind	0.060	0.037	0.563	
10:45	Upwind	0.061	0.039	0.211	0.000
	Downwind	0.061	0.037	0.563	
11:40	Upwind	0.061	0.039	0.211	0.001
	Downwind	0.062	0.037	1.090	
12:35	Upwind	0.059	0.039	0.211	0.001
	Downwind	0.060	0.037	1.090	
13:40	Upwind	0.052	0.004	0.211	0.003
	Downwind	0.055	0.005	1.090	
14:40	Upwind	0.046	0.003	0.211	0.003
	Downwind	0.049	0.004	1.090	
15:05	Upwind	0.044	0.003	0.211	0.005
	Downwind	0.049	0.003	1.090	
November 2, 2011					
Time	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:15	Upwind	0.038	0.020	0.216	0.016
	Downwind	0.054	0.020	0.665	
9:10	Upwind	0.035	0.020	0.216	0.010
	Downwind	0.045	0.018	0.665	
10:16	Upwind	0.030	0.016	0.216	0.008
	Downwind	0.038	0.015	0.665	
11:13	Upwind	0.030	0.014	0.362	0.004
	Downwind	0.034	0.013	0.665	
12:10	Upwind	0.027	0.006	0.362	0.003
	Downwind	0.030	0.006	0.665	
13:12	Upwind	0.024	0.006	0.362	0.003
	Downwind	0.027	0.006	0.665	
14:10	Upwind	0.022	0.006	0.362	0.003
	Downwind	0.025	0.006	0.665	
14:55	Upwind	0.021	0.006	0.362	0.003
	Downwind	0.024	0.006	0.752	
November 3, 2011					
Time	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:03	Upwind	0.038	0.024	0.186	-0.003
	Downwind	0.035	0.024	0.638	
9:10	Upwind	0.034	0.024	0.186	0.009
	Downwind	0.043	0.024	0.638	
10:07	Upwind	0.051	0.024	0.560	-0.004
	Downwind	0.047	0.024	1.000	
11:00	Upwind	0.048	0.024	0.560	-0.002
	Downwind	0.046	0.022	1.930	
12:15	Upwind	0.043	0.014	1.360	-0.002
	Downwind	0.041	0.016	1.930	
13:03	Upwind	0.041	0.014	2.020	-0.003
	Downwind	0.038	0.015	1.930	
14:00	Upwind	0.038	0.014	2.020	-0.002
	Downwind	0.036	0.014	1.930	
14:53	Upwind	0.036	0.013	2.020	-0.002
	Downwind	0.034	0.014	1.930	

Notes:

1. Data presented in milligrams per cubic meter (mg/m^3) of total dust.

Table 5
Summary of Dust Monitoring
430 Boston Post Road
Wayland, Massachusetts

November 4, 2011					
Time	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:04	Upwind	0.001	0.000	0.051	0.035
	Downwind	0.036	0.002	2.520	
9:00	Upwind	0.001	0.000	0.051	0.030
	Downwind	0.031	0.001	2.520	
10:00	Upwind	0.001	0.000	0.277	0.025
	Downwind	0.026	0.001	3.140	
10:58	Upwind	0.000	0.000	0.277	0.023
	Downwind	0.023	0.001	3.140	
12:10	Upwind	0.001	0.000	0.277	0.019
	Downwind	0.020	0.001	3.140	
13:02	Upwind	0.001	0.000	0.277	0.019
	Downwind	0.020	0.001	3.140	
14:00	Upwind	0.001	0.000	0.277	0.021
	Downwind	0.022	0.001	3.140	
14:50	Upwind	0.001	0.000	0.277	0.021
	Downwind	0.022	0.010	3.140	
November 7, 2011					
Time	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
7:15	Upwind	0.014	0.008	0.055	0.001
	Downwind	0.015	0.008	0.472	
8:15	Upwind	0.015	0.008	0.103	0.001
	Downwind	0.016	0.008	0.472	
9:15	Upwind	0.020	0.008	0.667	-0.005
	Downwind	0.015	0.007	0.472	
10:10	Upwind	0.021	0.007	0.667	-0.006
	Downwind	0.015	0.007	0.472	
11:10	Upwind	0.021	0.007	0.677	-0.006
	Downwind	0.015	0.007	0.472	
12:10	Upwind	0.020	0.006	0.677	-0.005
	Downwind	0.015	0.007	0.472	
13:10	Upwind	0.019	0.006	0.677	-0.005
	Downwind	0.014	0.007	0.472	
14:10	Upwind	0.020	0.060	0.921	-0.005
	Downwind	0.015	0.060	0.472	
14:50	Upwind	0.020	0.060	0.921	-0.005
	Downwind	0.015	0.060	0.472	
November 8, 2011					
Time	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:00	Upwind	0.033	0.019	0.078	-0.011
	Downwind	0.022	0.011	0.296	
9:05	Upwind	0.035	0.019	0.123	-0.012
	Downwind	0.023	0.011	0.296	
10:02	Upwind	0.034	0.019	0.123	-0.011
	Downwind	0.023	0.011	0.431	
11:05	Upwind	0.033	0.019	0.123	-0.010
	Downwind	0.023	0.011	0.431	
12:14	Upwind	0.033	0.019	0.123	-0.011
	Downwind	0.022	0.011	0.431	
13:10	Upwind	0.031	0.019	0.123	-0.008
	Downwind	0.023	0.011	0.431	
14:10	Upwind	0.030	0.019	0.123	-0.007
	Downwind	0.023	0.011	0.431	
14:50	Upwind	0.030	0.019	0.123	-0.007
	Downwind	0.023	0.011	0.431	

Notes:

1. Data presented in milligrams per cubic meter (mg/m^3) of total dust.

Table 5
Summary of Dust Monitoring
430 Boston Post Road
Wayland, Massachusetts

November 9, 2011					
Time	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:00	Upwind	0.047	0.036	0.074	-0.007
	Downwind	0.040	0.025	0.407	
9:20	Upwind	0.050	0.036	0.081	-0.007
	Downwind	0.043	0.023	0.407	
10:10	Upwind	0.048	0.029	0.116	-0.007
	Downwind	0.041	0.018	0.407	
11:05	Upwind	0.044	0.023	0.116	-0.004
	Downwind	0.040	0.018	0.407	
12:15	Upwind	0.048	0.023	0.974	-0.010
	Downwind	0.038	0.018	0.407	
13:20	Upwind	0.049	0.019	0.954	-0.018
	Downwind	0.031	0.011	0.468	
14:10	Upwind	0.048	0.018	0.954	-0.020
	Downwind	0.028	0.011	0.468	
14:50	Upwind	0.048	0.018	0.954	-0.019
	Downwind	0.029	0.011	0.468	
November 10, 2011					
Time	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:10	Upwind	0.071	0.048	0.096	-0.012
	Downwind	0.059	0.030	0.324	
9:05	Upwind	0.068	0.048	0.096	-0.010
	Downwind	0.058	0.030	0.324	
10:10	Upwind	0.071	0.048	0.104	-0.010
	Downwind	0.061	0.026	0.324	
11:10	Upwind	0.064	0.044	0.104	-0.014
	Downwind	0.050	0.018	0.324	
12:15	Upwind	0.059	0.024	0.104	-0.015
	Downwind	0.044	0.009	0.324	
13:00	Upwind	0.052	0.016	0.110	-0.012
	Downwind	0.040	0.007	0.324	
14:50	Upwind	0.041	0.006	0.110	-0.009
	Downwind	0.032	0.001	0.474	
November 11, 2011					
Time	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:10	Upwind	0.046	0.000	0.066	-0.020
	Downwind	0.026	0.003	0.714	
9:15	Upwind	0.054	0.000	0.068	-0.030
	Downwind	0.024	0.002	0.714	
10:20	Upwind	0.058	0.000	0.084	-0.036
	Downwind	0.022	0.002	0.714	
11:15	Upwind	0.059	0.000	0.084	-0.038
	Downwind	0.021	0.002	0.714	
12:20	Upwind	0.061	0.000	0.084	-0.041
	Downwind	0.020	0.002	0.714	
13:10	Upwind	0.062	0.000	0.200	-0.042
	Downwind	0.020	0.002	0.714	
14:45	Upwind	0.065	0.000	0.200	-0.046
	Downwind	0.019	0.002	0.714	

Notes:
1. Data presented in milligrams per cubic meter (mg/m^3) of total dust.

Table 5
Summary of Dust Monitoring
430 Boston Post Road
Wayland, Massachusetts

November 14, 2011					
Time	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:10	Upwind	0.038	0.012	0.201	0.033
	Downwind	0.071	0.009	8.84	
9:04	Upwind	0.016	0.012	0.201	0.040
	Downwind	0.056	0.009	8.84	
10:08	Upwind	0.015	0.012	0.201	0.032
	Downwind	0.047	0.009	8.84	
11:04	Upwind	0.020	0.012	1.46	0.023
	Downwind	0.043	0.009	8.84	
12:00	Upwind	0.019	0.012	1.46	0.021
	Downwind	0.040	0.009	8.84	
13:01	Upwind	0.018	0.011	1.46	0.019
	Downwind	0.037	0.008	8.84	
14:50	Upwind	0.017	0.011	1.46	0.017
	Downwind	0.034	0.008	8.84	
November 15, 2011					
Time	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:00	Upwind	0.022	0.018	0.110	0.008
	Downwind	0.030	0.016	0.247	
9:10	Upwind	0.022	0.018	0.110	0.008
	Downwind	0.030	0.016	0.247	
10:05	Upwind	0.020	0.018	0.110	0.005
	Downwind	0.025	0.012	0.701	
11:00	Upwind	0.018	0.007	0.110	0.005
	Downwind	0.023	0.005	0.701	
12:30	Upwind	0.016	0.007	0.204	0.007
	Downwind	0.023	0.005	1.05	
13:40	Upwind	0.015	0.007	0.204	0.010
	Downwind	0.025	0.005	1.05	
14:50	Upwind	0.014	0.007	0.204	0.014
	Downwind	0.028	0.005	1.05	
November 16, 2011					
Time	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
7:50	Upwind	0.021	0.011	0.063	-0.002
	Downwind	0.019	0.007	0.248	
8:55	Upwind	0.018	0.010	0.063	0.007
	Downwind	0.025	0.007	0.729	
10:15	Upwind	0.018	0.010	0.063	0.007
	Downwind	0.025	0.007	0.729	
11:01	Upwind	0.018	0.010	0.063	0.007
	Downwind	0.025	0.007	0.729	
12:00	Upwind	0.017	0.010	0.063	0.007
	Downwind	0.024	0.007	0.729	
13:05	Upwind	0.017	0.010	0.063	0.007
	Downwind	0.024	0.007	0.729	
14:00	Upwind	0.017	0.010	0.115	0.008
	Downwind	0.025	0.007	0.729	
14:50	Upwind	0.018	0.007	0.115	0.008
	Downwind	0.026	0.010	0.729	
November 17, 2011					
Time	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
7:50	Upwind	0.017	0.013	0.049	0.002
	Downwind	0.019	0.010	0.105	
8:58	Upwind	0.015	0.008	0.049	0.002
	Downwind	0.017	0.008	0.311	
10:10	Upwind	0.012	0.006	0.049	0.003
	Downwind	0.015	0.005	0.319	
11:30	Upwind	0.011	0.004	0.049	0.002
	Downwind	0.013	0.003	0.319	
13:00	Upwind	0.009	0.003	0.049	0.003
	Downwind	0.012	0.002	0.577	
14:00	Upwind	0.008	0.003	0.049	0.003
	Downwind	0.011	0.002	0.577	
14:48	Upwind	0.008	0.002	0.049	0.003
	Downwind	0.011	0.001	0.577	

Notes:

1. Data presented in milligrams per cubic meter (mg/m^3) of total dust.

Table 5
Summary of Dust Monitoring
430 Boston Post Road
Wayland, Massachusetts

November 18, 2011					
Time	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:00	Upwind	0.010	0.007	0.029	0.000
	Downwind	0.010	0.006	0.161	
8:50	Upwind	0.008	0.005	0.029	0.001
	Downwind	0.009	0.004	0.207	
10:38	Upwind	0.007	0.003	0.029	0.001
	Downwind	0.008	0.001	2.24	
11:45	Upwind	0.006	0.003	0.029	0.001
	Downwind	0.007	0.001	2.24	
12:45	Upwind	0.006	0.002	0.029	0.001
	Downwind	0.007	0.001	2.24	
13:45	Upwind	0.006	0.003	0.029	0.002
	Downwind	0.008	0.001	3.52	
14:45	Upwind	0.005	0.003	0.029	0.004
	Downwind	0.009	0.001	3.84	
November 21, 2011					
Time	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:00	Upwind	0.006	0.005	0.012	0.006
	Downwind	0.012	0.004	0.748	
9:10	Upwind	0.007	0.005	0.015	0.004
	Downwind	0.011	0.004	0.748	
10:04	Upwind	0.007	0.005	0.015	0.005
	Downwind	0.012	0.004	0.75	
11:15	Upwind	0.007	0.005	0.017	0.004
	Downwind	0.011	0.004	0.75	
12:15	Upwind	0.007	0.005	0.017	0.004
	Downwind	0.011	0.004	0.75	
13:30	Upwind	0.007	0.005	0.107	0.005
	Downwind	0.012	0.004	0.75	
14:50	Upwind	0.009	0.005	0.282	0.003
	Downwind	0.012	0.004	0.75	
November 22, 2011					
Time	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:10	Upwind	0.041	0.022	0.200	-0.016
	Downwind	0.025	0.017	0.142	
9:15	Upwind	0.038	0.022	0.200	-0.010
	Downwind	0.028	0.017	0.477	
10:45	Upwind	0.034	0.022	0.200	-0.007
	Downwind	0.027	0.005	0.48	
13:10	Upwind	0.023	0.007	0.200	0.000
	Downwind	0.023	0.005	1.19	
14:40	Upwind	0.023	0.007	0.200	-0.001
	Downwind	0.022	0.005	1.19	
November 23, 2011					
Time	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:30	Upwind	0.001	0.000	0.006	0.001
	Downwind	0.002	0.000	0.110	
10:00	Upwind	0.001	0.000	0.006	0.001
	Downwind	0.002	0.000	0.110	
11:30	Upwind	0.001	0.000	0.006	0.000
	Downwind	0.001	0.000	0.160	
November 28, 2011					
Time	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:10	Upwind	0.008	0.006	0.014	0.004
	Downwind	0.012	0.003	0.098	
9:05	Upwind	0.008	0.006	0.014	0.003
	Downwind	0.011	0.003	0.098	
10:00	Upwind	0.008	0.006	0.017	0.003
	Downwind	0.011	0.003	0.098	
11:00	Upwind	0.008	0.006	0.017	0.004
	Downwind	0.012	0.003	0.362	
12:10	Upwind	0.007	0.006	0.017	0.004
	Downwind	0.011	0.003	0.362	
13:05	Upwind	0.007	0.004	0.053	0.006
	Downwind	0.013	0.002	1.09	
14:00	Upwind	0.007	0.004	0.053	0.006
	Downwind	0.013	0.002	1.09	
14:45	Upwind	0.007	0.004	0.230	0.007
	Downwind	0.014	0.002	1.09	

Notes:
1. Data presented in milligrams per cubic meter (mg/m^3) of total dust.

Table 5
Summary of Dust Monitoring
430 Boston Post Road
Wayland, Massachusetts

November 29, 2011					
Time	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:10	Upwind	0.020	0.009	0.083	-0.008
	Downwind	0.012	0.006	0.168	
9:50	Upwind	0.018	0.009	0.083	-0.002
	Downwind	0.016	0.006	0.168	
10:50	Upwind	0.016	0.007	0.083	0.000
	Downwind	0.016	0.005	0.428	
12:15	Upwind	0.015	0.007	0.083	0.000
	Downwind	0.015	0.004	0.428	
13:05	Upwind	0.014	0.007	0.083	0.001
	Downwind	0.015	0.004	0.43	
14:10	Upwind	0.013	0.004	0.083	0.003
	Downwind	0.016	0.001	1.15	
14:50	Upwind	0.012	0.004	0.083	0.004
	Downwind	0.016	0.001	1.15	
November 30, 2011					
Time	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:00	Upwind	0.009	0.006	0.014	0.015
	Downwind	0.024	0.004	2.70	
9:05	Upwind	0.009	0.006	0.020	0.009
	Downwind	0.018	0.004	2.70	
10:05	Upwind	0.009	0.006	0.031	0.009
	Downwind	0.018	0.004	2.70	
11:00	Upwind	0.009	0.006	0.036	0.008
	Downwind	0.017	0.004	2.70	
12:15	Upwind	0.009	0.006	0.036	0.007
	Downwind	0.016	0.004	2.70	
13:05	Upwind	0.008	0.005	0.036	0.007
	Downwind	0.015	0.003	2.70	
14:00	Upwind	0.008	0.005	0.036	0.006
	Downwind	0.014	0.003	2.70	
14:50	Upwind	0.008	0.005	0.036	0.006
	Downwind	0.014	0.003	2.70	
December 1, 2011					
Time	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
7:55	Upwind	0.002	0.001	0.010	0.008
	Downwind	0.010	0.000	0.360	
8:55	Upwind	0.001	0.001	0.010	0.007
	Downwind	0.008	0.000	0.360	
10:05	Upwind	0.001	0.001	0.010	0.006
	Downwind	0.007	0.000	0.360	
11:15	Upwind	0.002	0.001	0.038	0.005
	Downwind	0.007	0.000	2.54	
12:15	Upwind	0.002	0.001	0.038	0.005
	Downwind	0.007	0.000	2.54	
13:05	Upwind	0.002	0.001	0.038	0.004
	Downwind	0.006	0.000	2.54	
14:00	Upwind	0.006	0.001	4.10	0.000
	Downwind	0.006	0.000	2.54	
14:50	Upwind	0.007	0.001	4.10	0.000
	Downwind	0.007	0.000	2.54	
December 2, 2011					
Time	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:00	Upwind	0.038	0.016	0.287	0.001
	Downwind	0.039	0.011	0.565	
8:55	Upwind	0.037	0.016	0.287	0.001
	Downwind	0.038	0.011	0.565	
9:55	Upwind	0.036	0.016	0.287	0.001
	Downwind	0.037	0.011	0.565	
10:50	Upwind	0.022	0.008	0.287	0.004
	Downwind	0.026	0.006	0.816	
12:00	Upwind	0.019	0.008	0.287	0.004
	Downwind	0.023	0.006	0.816	
13:00	Upwind	0.018	0.005	0.287	0.003
	Downwind	0.021	0.003	0.816	
14:50	Upwind	0.015	0.004	0.287	0.002
	Downwind	0.017	0.002	0.816	

Notes:
1. Data presented in milligrams per cubic meter (mg/m^3) of total dust.

Table 5
Summary of Dust Monitoring
430 Boston Post Road
Wayland, Massachusetts

December 5, 2011					
Time	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:00	Upwind	0.036	0.016	0.156	-0.011
	Downwind	0.025	0.012	0.973	
8:55	Upwind	0.040	0.016	0.156	0.003
	Downwind	0.043	0.012	0.973	
10:05	Upwind	0.049	0.016	0.694	-0.011
	Downwind	0.038	0.012	0.973	
11:10	Upwind	0.038	0.016	0.694	-0.005
	Downwind	0.033	0.012	0.973	
13:30	Upwind	0.031	0.013	0.694	0.001
	Downwind	0.032	0.010	1.81	
14:45	Upwind	0.029	0.012	0.694	0.005
	Downwind	0.034	0.009	1.81	
December 6, 2011					
Time	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:00	Upwind	0.030	0.006	0.298	-0.021
	Downwind	0.009	0.004	0.084	
8:55	Upwind	0.020	0.006	1.07	-0.011
	Downwind	0.009	0.004	0.106	
10:00	Upwind	0.018	0.006	1.07	-0.009
	Downwind	0.009	0.003	0.209	
11:05	Upwind	0.016	0.006	1.07	-0.007
	Downwind	0.009	0.003	0.310	
12:00	Upwind	0.015	0.006	1.07	-0.006
	Downwind	0.009	0.003	0.310	
12:55	Upwind	0.012	0.003	1.07	-0.003
	Downwind	0.009	0.001	3.32	
14:00	Upwind	0.010	0.003	1.07	-0.001
	Downwind	0.009	0.001	3.32	
14:45	Upwind	0.011	0.003	1.07	-0.002
	Downwind	0.009	0.001	3.32	
December 7, 2011					
Time	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
7:55	Upwind	0.008	0.005	0.021	0.008
	Downwind	0.016	0.002	0.315	
9:00	Upwind	0.009	0.005	0.027	0.007
	Downwind	0.016	0.002	0.315	
10:00	Upwind	0.010	0.005	0.131	0.008
	Downwind	0.018	0.002	0.642	
11:05	Upwind	0.009	0.003	0.131	0.009
	Downwind	0.018	0.002	0.642	
12:15	Upwind	0.009	0.003	0.131	0.009
	Downwind	0.018	0.002	0.642	
13:30	Upwind	0.007	0.001	0.131	0.011
	Downwind	0.018	0.000	1.22	
14:45	Upwind	0.006	0.001	0.131	0.012
	Downwind	0.018	0.000	1.22	
December 8, 2011					
Time	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
7:15	Upwind	0.003	0.002	0.010	0.026
	Downwind	0.029	0.001	1.09	
8:15	Upwind	0.003	0.002	0.010	0.027
	Downwind	0.030	0.001	2.99	
9:15	Upwind	0.030	0.002	0.044	0.000
	Downwind	0.030	0.001	2.99	
10:15	Upwind	0.004	0.002	0.088	0.026
	Downwind	0.030	0.001	2.99	
11:15	Upwind	0.005	0.002	0.104	0.021
	Downwind	0.026	0.001	2.99	
12:15	Upwind	0.005	0.002	0.104	0.018
	Downwind	0.023	0.001	2.99	
13:15	Upwind	0.005	0.002	0.10	0.016
	Downwind	0.021	0.001	2.99	
14:15	Upwind	0.005	0.002	0.104	0.021
	Downwind	0.026	0.001	2.99	
14:45	Upwind	0.005	0.002	0.104	0.021
	Downwind	0.026	0.001	2.99	

Notes:

1. Data presented in milligrams per cubic meter (mg/m^3) of total dust.

Table 5
Summary of Dust Monitoring
430 Boston Post Road
Wayland, Massachusetts

December 9, 2011					
Time	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:00	Upwind	0.026	0.016	0.091	-0.001
	Downwind	0.025	0.014	0.359	
9:00	Upwind	0.026	0.016	0.091	0.002
	Downwind	0.028	0.014	0.402	
10:00	Upwind	0.027	0.016	0.179	0.003
	Downwind	0.030	0.014	0.722	
11:05	Upwind	0.026	0.016	0.179	0.006
	Downwind	0.032	0.014	0.722	
12:30	Upwind	0.025	0.016	0.179	0.009
	Downwind	0.034	0.014	0.841	
15:50	Upwind	0.024	0.016	0.179	0.011
	Downwind	0.035	0.014	0.841	
14:40	Upwind	0.024	0.014	0.179	0.013
	Downwind	0.037	0.013	8.25	
December 12, 2011					
Time	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:03	Upwind	0.034	0.022	0.555	-0.005
	Downwind	0.029	0.019	0.983	
9:10	Upwind	0.035	0.022	0.555	0.000
	Downwind	0.035	0.019	2.01	
10:00	Upwind	0.033	0.022	0.555	0.003
	Downwind	0.036	0.019	2.01	
11:00	Upwind	0.033	0.022	0.555	0.004
	Downwind	0.037	0.014	2.01	
12:50	Upwind	0.031	0.022	0.555	0.005
	Downwind	0.036	0.014	2.01	
13:50	Upwind	0.025	0.012	0.555	0.016
	Downwind	0.041	0.010	4.77	
14:50	Upwind	0.024	0.012	0.555	0.015
	Downwind	0.039	0.010	4.77	
December 13, 2011					
Time	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:20	Upwind	0.063	0.029	0.787	0.012
	Downwind	0.075	0.028	0.270	
9:30	Upwind	0.064	0.029	0.787	0.014
	Downwind	0.078	0.025	0.983	
10:20	Upwind	0.057	0.024	0.787	0.017
	Downwind	0.074	0.020	1.42	
11:15	Upwind	0.052	0.018	1.34	0.018
	Downwind	0.070	0.018	1.42	
13:10	Upwind	0.045	0.013	1.61	0.018
	Downwind	0.063	0.011	4.96	
14:00	Upwind	0.041	0.010	1.61	0.024
	Downwind	0.065	0.010	4.96	
14:50	Upwind	0.043	0.008	2.74	0.017
	Downwind	0.060	0.008	4.96	
December 14, 2011					
Time	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:00	Upwind	0.043	0.030	0.128	-0.004
	Downwind	0.039	0.026	0.996	
9:00	Upwind	0.042	0.030	0.128	-0.006
	Downwind	0.036	0.025	0.996	
10:00	Upwind	0.039	0.027	0.160	-0.004
	Downwind	0.035	0.025	0.996	
11:00	Upwind	0.038	0.022	0.387	-0.005
	Downwind	0.033	0.018	0.996	
12:05	Upwind	0.037	0.020	0.387	-0.007
	Downwind	0.030	0.014	0.996	
13:00	Upwind	0.031	0.014	0.536	-0.002
	Downwind	0.029	0.012	0.996	
14:00	Upwind	0.030	0.014	0.536	-0.002
	Downwind	0.028	0.012	0.996	
14:50	Upwind	0.030	0.013	0.536	-0.002
	Downwind	0.028	0.012	4.44	

Notes:
1. Data presented in milligrams per cubic meter (mg/m^3) of total dust.

Table 5
Summary of Dust Monitoring
430 Boston Post Road
Wayland, Massachusetts

December 15, 2011					
Time	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:00	Upwind	0.009	0.007	0.017	0.031
	Downwind	0.040	0.007	1.52	
9:00	Upwind	0.011	0.007	0.078	0.023
	Downwind	0.034	0.007	1.52	
10:00	Upwind	0.011	0.007	0.078	0.028
	Downwind	0.039	0.007	3.83	
11:00	Upwind	0.012	0.007	0.955	0.027
	Downwind	0.039	0.007	3.83	
12:10	Upwind	0.012	0.007	0.955	0.024
	Downwind	0.036	0.005	3.83	
13:05	Upwind	0.011	0.006	0.955	0.026
	Downwind	0.037	0.005	4.23	
14:00	Upwind	0.011	0.006	0.955	0.024
	Downwind	0.035	0.004	4.23	
14:50	Upwind	0.011	0.006	0.955	0.022
	Downwind	0.033	0.004	4.23	
December 16, 2011					
Time	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:00	Upwind	0.002	0.000	0.009	0.011
	Downwind	0.013	0.000	2.30	
9:00	Upwind	0.002	0.000	0.009	0.006
	Downwind	0.008	0.000	2.30	
10:00	Upwind	0.002	0.000	0.009	0.006
	Downwind	0.008	0.000	2.30	
11:00	Upwind	0.003	0.000	0.020	0.005
	Downwind	0.008	0.000	2.30	
12:00	Upwind	0.003	0.000	0.020	0.007
	Downwind	0.010	0.000	2.30	
13:00	Upwind	0.003	0.000	0.020	0.007
	Downwind	0.010	0.000	2.30	
14:00	Upwind	0.003	0.000	0.023	0.009
	Downwind	0.012	0.000	5.79	
December 19, 2011					
Time	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:00	Upwind	0.045	0.021	1.09	0.005
	Downwind	0.050	0.019	2.52	
9:00	Upwind	0.034	0.013	1.09	0.046
	Downwind	0.080	0.012	17.1	
10:00	Upwind	0.030	0.011	1.09	0.146
	Downwind	0.176	0.010	98.3	
11:00	Upwind	0.028	0.011	1.09	0.148
	Downwind	0.176	0.010	98.3	
12:15	Upwind	0.028	0.011	1.09	0.160
	Downwind	0.188	0.010	98.3	
13:00	Upwind	0.027	0.011	1.09	0.164
	Downwind	0.191	0.010	98.3	
14:00	Upwind	0.027	0.011	1.09	0.139
	Downwind	0.166	0.010	98.3	
14:50	Upwind	0.027	0.011	1.09	0.125
	Downwind	0.152	0.010	98.3	

Notes:

1. Data presented in milligrams per cubic meter (mg/m^3) of total dust.

Table 5
Summary of Dust Monitoring
430 Boston Post Road
Wayland, Massachusetts

December 20, 2011					
Time	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:00	Upwind	0.005	0.004	0.007	0.003
	Downwind	0.008	0.003	1.12	
9:05	Upwind	0.004	0.003	0.007	0.005
	Downwind	0.009	0.003	1.12	
10:00	Upwind	0.004	0.002	0.008	0.005
	Downwind	0.009	0.001	1.12	
11:00	Upwind	0.004	0.002	0.011	0.004
	Downwind	0.008	0.001	1.12	
12:15	Upwind	0.003	0.002	0.013	0.010
	Downwind	0.013	0.001	1.66	
13:05	Upwind	0.003	0.002	0.013	0.012
	Downwind	0.015	0.001	1.66	
14:00	Upwind	0.003	0.002	0.013	0.011
	Downwind	0.014	0.001	1.66	
14:50	Upwind	0.003	0.002	0.013	0.012
	Downwind	0.015	0.001	1.66	
December 21, 2011					
Time	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:00	Upwind	0.019	0.017	0.033	0.007
	Downwind	0.026	0.015	0.227	
9:00	Upwind	0.021	0.017	0.067	0.051
	Downwind	0.072	0.015	3.90	
10:00	Upwind	0.023	0.017	1.06	0.033
	Downwind	0.056	0.150	3.90	
11:00	Upwind	0.024	0.017	1.06	0.027
	Downwind	0.051	0.015	3.90	
12:00	Upwind	0.023	0.015	1.06	0.022
	Downwind	0.045	0.015	3.90	
13:00	Upwind	0.021	0.014	1.06	0.018
	Downwind	0.039	0.013	3.90	
14:00	Upwind	0.019	0.014	1.06	0.019
	Downwind	0.038	0.013	3.90	
14:50	Upwind	0.022	0.014	1.06	0.015
	Downwind	0.037	0.013	3.90	
December 22, 2011					
Time	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:00	Upwind	0.002	0.001	0.005	0.006
	Downwind	0.008	0.001	0.099	
9:00	Upwind	0.002	0.001	0.005	0.007
	Downwind	0.009	0.001	0.235	
10:00	Upwind	0.002	0.001	0.005	0.018
	Downwind	0.020	0.001	15.9	
11:00	Upwind	0.002	0.001	0.005	0.020
	Downwind	0.022	0.001	15.9	
12:30	Upwind	0.002	0.001	0.008	0.017
	Downwind	0.019	0.001	15.9	
14:45	Upwind	0.002	0.001	0.008	0.018
	Downwind	0.020	0.001	15.9	
December 23, 2011					
Time	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:00	Upwind	0.001	0.000	0.004	0.128
	Downwind	0.129	0.002	0.997	
9:00	Upwind	0.001	0.000	0.004	0.140
	Downwind	0.141	0.002	2.82	
10:00	Upwind	0.002	0.000	0.005	0.089
	Downwind	0.091	0.001	2.82	
11:00	Upwind	0.002	0.000	0.005	0.071
	Downwind	0.073	0.001	2.82	
12:00	Upwind	0.003	0.000	0.006	0.063
	Downwind	0.066	0.001	2.82	

Notes:
1. Data presented in milligrams per cubic meter (mg/m^3) of total dust.

Table 5
Summary of Dust Monitoring
430 Boston Post Road
Wayland, Massachusetts

December 27, 2011					
Time	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:00	Upwind	0.015	0.010	0.019	0.087
	Downwind	0.102	0.016	2.14	
9:00	Upwind	0.013	0.012	0.019	0.040
	Downwind	0.053	0.012	2.14	
10:00	Upwind	0.010	0.008	0.019	0.035
	Downwind	0.045	0.012	2.14	
11:00	Upwind	0.010	0.008	0.019	0.027
	Downwind	0.037	0.007	2.14	
12:00	Upwind	0.012	0.008	0.167	0.017
	Downwind	0.029	0.006	2.14	
13:00	Upwind	0.013	0.008	0.167	0.015
	Downwind	0.028	0.006	2.14	
14:00	Upwind	0.013	0.008	0.167	0.014
	Downwind	0.027	0.006	2.14	
14:50	Upwind	0.012	0.007	0.167	0.013
	Downwind	0.025	0.006	2.14	
December 28, 2011					
Time	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:30	Upwind	0.002	0.001	0.007	0.024
	Downwind	0.026	0.001	1.10	
10:00	Upwind	0.002	0.001	0.007	0.022
	Downwind	0.024	0.001	1.21	
11:00	Upwind	0.002	0.001	0.008	0.019
	Downwind	0.021	0.001	1.44	
12:00	Upwind	0.002	0.001	0.008	0.015
	Downwind	0.017	0.001	1.44	
13:30	Upwind	0.002	0.001	0.008	0.015
	Downwind	0.017	0.000	1.44	
14:50	Upwind	0.002	0.001	0.017	0.017
	Downwind	0.019	0.000	1.47	
December 29, 2011					
Time	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:30	Upwind	0.004	0.000	0.263	0.001
	Downwind	0.005	0.002	0.034	
10:30	Upwind	0.004	0.000	0.263	0.054
	Downwind	0.058	0.000	3.06	
12:00	Upwind	0.004	0.000	0.470	0.039
	Downwind	0.043	0.000	3.06	
13:00	Upwind	0.004	0.000	0.470	0.033
	Downwind	0.037	0.000	3.06	
14:00	Upwind	0.003	0.000	0.470	0.031
	Downwind	0.034	0.000	3.06	
14:50	Upwind	0.003	0.000	0.470	0.027
	Downwind	0.030	0.000	3.06	
December 30, 2011					
Time	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:00	Upwind	0.016	0.014	0.024	0.001
	Downwind	0.017	0.012	0.075	
9:15	Upwind	0.016	0.014	0.024	0.002
	Downwind	0.018	0.012	0.297	
10:30	Upwind	0.015	0.014	0.024	0.005
	Downwind	0.020	0.012	0.297	
11:30	Upwind	0.018	0.014	0.054	0.003
	Downwind	0.021	0.012	0.563	
12:30	Upwind	0.019	0.014	0.054	0.003
	Downwind	0.022	0.012	0.563	
14:30	Upwind	0.021	0.014	0.054	0.002
	Downwind	0.023	0.012	0.563	

Notes:
1. Data presented in milligrams per cubic meter (mg/m^3) of total dust.

Table 5
Summary of Dust Monitoring
430 Boston Post Road
Wayland, Massachusetts

January 3, 2012					
Time	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:00	Upwind	0.003	0.002	0.005	0.032
	Downwind	0.035	0.001	0.537	
9:00	Upwind	0.003	0.002	0.009	0.030
	Downwind	0.033	0.001	0.537	
10:00	Upwind	0.003	0.001	0.009	0.051
	Downwind	0.054	0.001	5.14	
11:00	Upwind	0.003	0.001	0.009	0.059
	Downwind	0.062	0.001	5.14	
12:00	Upwind	0.003	0.001	0.017	0.051
	Downwind	0.054	0.001	5.14	
13:00	Upwind	0.003	0.001	0.017	0.045
	Downwind	0.048	0.001	5.14	
14:00	Upwind	0.003	0.001	0.017	0.040
	Downwind	0.043	0.001	5.14	
14:50	Upwind	0.004	0.001	0.028	0.038
	Downwind	0.042	0.001	5.14	
January 4, 2012					
Time	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:00	Upwind	0.015	0.012	0.024	0.084
	Downwind	0.099	0.011	2.79	
9:00	Upwind	0.014	0.011	0.024	0.058
	Downwind	0.072	0.009	2.79	
10:00	Upwind	0.013	0.011	0.024	0.061
	Downwind	0.074	0.009	3.04	
11:00	Upwind	0.012	0.006	0.024	0.060
	Downwind	0.072	0.006	3.04	
12:00	Upwind	0.011	0.006	0.024	0.062
	Downwind	0.073	0.004	4.71	
13:00	Upwind	0.011	0.006	0.026	0.057
	Downwind	0.068	0.004	4.71	
13:50	Upwind	0.011	0.006	0.026	0.058
	Downwind	0.069	0.004	4.71	
14:45	Upwind	0.010	0.006	0.026	0.057
	Downwind	0.067	0.004	4.71	
January 5, 2012					
Time	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:20	Upwind	0.020	0.016	0.045	0.005
	Downwind	0.025	0.015	0.308	
9:25	Upwind	0.021	0.016	0.045	0.005
	Downwind	0.026	0.015	0.308	
10:30	Upwind	0.022	0.016	0.045	0.005
	Downwind	0.027	0.015	0.308	
12:30	Upwind	0.022	0.014	0.045	0.007
	Downwind	0.029	0.015	1.91	
13:30	Upwind	0.023	0.014	0.045	0.008
	Downwind	0.031	0.013	2.93	
14:30	Upwind	0.021	0.014	0.045	0.010
	Downwind	0.031	0.013	2.93	
January 6, 2012					
Time	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:00	Upwind	0.009	0.006	0.022	0.001
	Downwind	0.010	0.006	0.101	
9:00	Upwind	0.010	0.006	0.081	0.001
	Downwind	0.011	0.006	0.171	
10:00	Upwind	0.011	0.006	0.081	0.000
	Downwind	0.011	0.006	0.171	
11:00	Upwind	0.011	0.006	0.081	0.000
	Downwind	0.011	0.006	0.171	
12:20	Upwind	0.012	0.006	0.081	0.001
	Downwind	0.013	0.006	0.319	
13:30	Upwind	0.014	0.006	0.081	0.000
	Downwind	0.014	0.006	0.319	
14:45	Upwind	0.015	0.006	0.081	0.002
	Downwind	0.017	0.006	0.319	

Notes:

1. Data presented in milligrams per cubic meter (mg/m^3) of total dust.

Table 5
Summary of Dust Monitoring
430 Boston Post Road
Wayland, Massachusetts

January 9, 2012					
Time	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:00	Upwind	0.011	0.007	0.286	0.005
	Downwind	0.016	0.006	0.335	
9:00	Upwind	0.010	0.006	0.286	0.004
	Downwind	0.014	0.006	0.398	
10:00	Upwind	0.010	0.006	0.286	0.002
	Downwind	0.012	0.006	0.398	
11:00	Upwind	0.010	0.006	0.286	0.001
	Downwind	0.011	0.006	0.398	
12:00	Upwind	0.009	0.005	0.286	0.002
	Downwind	0.011	0.004	0.434	
13:00	Upwind	0.009	0.005	0.286	0.002
	Downwind	0.011	0.004	0.434	
14:00	Upwind	0.008	0.003	0.286	0.002
	Downwind	0.010	0.002	0.578	
14:45	Upwind	0.008	0.003	0.286	0.002
	Downwind	0.010	0.002	0.578	
January 10, 2012					
Time	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:15	Upwind	0.019	0.009	0.032	0.013
	Downwind	0.032	0.012	0.424	
9:00	Upwind	0.016	0.009	0.032	0.012
	Downwind	0.028	0.012	0.424	
10:00	Upwind	0.015	0.009	0.032	0.012
	Downwind	0.027	0.012	0.424	
11:00	Upwind	0.019	0.009	0.050	0.008
	Downwind	0.027	0.012	0.424	
12:15	Upwind	0.020	0.009	0.050	0.009
	Downwind	0.029	0.012	1.54	
13:00	Upwind	0.020	0.009	0.050	0.010
	Downwind	0.030	0.012	1.54	
14:00	Upwind	0.020	0.009	0.050	0.010
	Downwind	0.030	0.012	1.54	
14:45	Upwind	0.019	0.009	0.050	0.011
	Downwind	0.030	0.009	1.54	
January 11, 2012					
Time	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:00	Upwind	0.024	0.013	0.066	0.002
	Downwind	0.026	0.011	0.383	
9:15	Upwind	0.022	0.008	0.134	0.003
	Downwind	0.025	0.007	0.383	
10:30	Upwind	0.021	0.006	0.475	0.002
	Downwind	0.023	0.006	0.940	
11:30	Upwind	0.019	0.006	1.29	0.002
	Downwind	0.021	0.006	1.01	
12:30	Upwind	0.018	0.006	1.29	0.003
	Downwind	0.021	0.005	1.20	
13:30	Upwind	0.017	0.006	1.29	0.005
	Downwind	0.022	0.005	1.95	
14:45	Upwind	0.016	0.006	1.29	0.007
	Downwind	0.023	0.005	2.63	
January 12, 2012					
Time	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:30	Upwind	0.002	0.001	0.103	0.001
	Downwind	0.003	0.000	0.295	
10:00	Upwind	0.003	0.001	0.103	0.001
	Downwind	0.004	0.000	0.295	
11:30	Upwind	0.003	0.001	0.103	0.001
	Downwind	0.004	0.000	0.295	
13:30	Upwind	0.005	0.000	0.405	-0.002
	Downwind	0.003	0.000	0.295	
January 13, 2012					
Time	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:30	Upwind	0.020	0.014	0.124	-0.003
	Downwind	0.017	0.010	0.152	
9:30	Upwind	0.036	0.014	5.44	-0.012
	Downwind	0.024	0.010	0.165	
10:30	Upwind	0.038	0.014	5.44	-0.010
	Downwind	0.028	0.010	0.165	
11:30	Upwind	0.036	0.014	5.44	-0.010
	Downwind	0.026	0.000	0.165	
12:45	Upwind	0.032	0.000	5.44	-0.008
	Downwind	0.024	0.000	0.228	
13:45	Upwind	0.029	0.000	5.44	-0.007
	Downwind	0.022	0.000	0.228	
14:30	Upwind	0.027	0.000	5.44	-0.006
	Downwind	0.021	0.000	0.317	

Notes:

1. Data presented in milligrams per cubic meter (mg/m^3) of total dust.

Table 5
Summary of Dust Monitoring
430 Boston Post Road
Wayland, Massachusetts

Time	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
January 16, 2012					
8:00	Upwind	0.008	0.006	0.013	0.016
	Downwind	0.024	0.005	0.245	
9:00	Upwind	0.007	0.005	0.013	0.009
	Downwind	0.016	0.004	0.433	
10:00	Upwind	0.006	0.005	0.013	0.007
	Downwind	0.013	0.002	0.433	
11:00	Upwind	0.006	0.002	0.092	0.009
	Downwind	0.015	0.001	0.951	
12:15	Upwind	0.006	0.002	0.125	0.007
	Downwind	0.013	0.001	0.951	
13:15	Upwind	0.006	0.002	0.125	0.006
	Downwind	0.012	0.001	0.951	
14:15	Upwind	0.006	0.002	0.167	0.005
	Downwind	0.011	0.001	0.951	
14:45	Upwind	0.006	0.002	0.167	0.005
	Downwind	0.011	0.001	0.951	
January 17, 2012					
Time	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:00	Upwind	0.017	0.013	0.023	0.014
	Downwind	0.031	0.010	0.131	
9:00	Upwind	0.019	0.013	0.029	0.016
	Downwind	0.035	0.010	0.340	
10:00	Upwind	0.021	0.013	0.030	0.023
	Downwind	0.044	0.010	0.448	
11:00	Upwind	0.022	0.013	0.032	0.024
	Downwind	0.046	0.010	0.965	
12:00	Upwind	0.023	0.013	0.032	0.023
	Downwind	0.046	0.010	1.44	
13:00	Upwind	0.024	0.013	0.040	0.021
	Downwind	0.045	0.010	1.44	
14:00	Upwind	0.025	0.013	0.076	0.020
	Downwind	0.045	0.010	1.44	
14:45	Upwind	0.027	0.013	0.076	0.018
	Downwind	0.045	0.010	1.44	
January 18, 2012					
Time	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:15	Upwind	0.005	0.004	0.014	0.009
	Downwind	0.014	0.003	1.21	
9:00	Upwind	0.005	0.003	0.014	0.010
	Downwind	0.015	0.003	1.21	
10:00	Upwind	0.004	0.002	0.015	0.009
	Downwind	0.013	0.001	1.21	
11:00	Upwind	0.004	0.001	0.015	0.008
	Downwind	0.012	0.000	1.21	
12:15	Upwind	0.004	0.001	0.015	0.008
	Downwind	0.012	0.000	1.21	
13:00	Upwind	0.004	0.001	0.015	0.008
	Downwind	0.012	0.000	1.21	
14:00	Upwind	0.003	0.001	0.015	0.009
	Downwind	0.012	0.000	1.21	
14:45	Upwind	0.003	0.001	0.015	0.009
	Downwind	0.012	0.000	1.21	
January 19, 2012					
Time	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:00	Upwind	0.006	0.004	0.011	0.007
	Downwind	0.013	0.003	0.295	
9:00	Upwind	0.006	0.004	0.052	0.006
	Downwind	0.012	0.003	0.295	
10:00	Upwind	0.006	0.004	0.052	0.006
	Downwind	0.012	0.003	0.295	
11:00	Upwind	0.006	0.004	0.052	0.005
	Downwind	0.011	0.003	0.565	
12:00	Upwind	0.006	0.004	0.052	0.004
	Downwind	0.010	0.003	0.565	
13:00	Upwind	0.008	0.004	1.68	0.002
	Downwind	0.010	0.003	0.565	
14:00	Upwind	0.009	0.004	1.68	0.001
	Downwind	0.010	0.003	0.565	
14:45	Upwind	0.008	0.003	1.68	0.002
	Downwind	0.010	0.003	0.565	

Notes:

1. Data presented in milligrams per cubic meter (mg/m^3) of total dust.

Table 5
Summary of Dust Monitoring
430 Boston Post Road
Wayland, Massachusetts

January 20, 2012					
Time	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:00	Upwind	0.015	0.011	0.018	0.006
	Downwind	0.021	0.011	0.117	
9:00	Upwind	0.012	0.006	0.018	0.005
	Downwind	0.017	0.007	0.117	
10:00	Upwind	0.011	0.006	0.018	0.004
	Downwind	0.015	0.005	0.158	
11:00	Upwind	0.009	0.005	0.019	0.004
	Downwind	0.013	0.004	0.317	
12:00	Upwind	0.009	0.004	0.019	0.002
	Downwind	0.011	0.002	0.317	
13:00	Upwind	0.008	0.003	0.019	0.002
	Downwind	0.010	0.002	0.317	
14:00	Upwind	0.007	0.003	0.032	0.002
	Downwind	0.009	0.002	0.317	
14:35	Upwind	0.007	0.003	0.032	0.002
	Downwind	0.009	0.002	0.317	
January 23, 2012					
Time	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
9:00	Upwind	0.023	0.019	0.056	-0.001
	Downwind	0.022	0.016	0.155	
10:00	Upwind	0.023	0.019	0.056	0.000
	Downwind	0.023	0.016	0.185	
11:00	Upwind	0.023	0.019	0.056	0.000
	Downwind	0.023	0.016	0.201	
12:00	Upwind	0.022	0.014	0.118	0.000
	Downwind	0.022	0.012	0.201	
13:00	Upwind	0.022	0.014	0.118	0.000
	Downwind	0.022	0.012	0.201	
14:00	Upwind	0.021	0.012	0.118	0.000
	Downwind	0.021	0.009	0.201	
15:00	Upwind	0.020	0.012	0.118	0.001
	Downwind	0.021	0.009	0.201	
January 24, 2012					
Time	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:00	Upwind	0.020	0.012	0.118	-0.004
	Downwind	0.016	0.009	0.120	
9:00	Upwind	0.079	0.012	0.584	-0.058
	Downwind	0.021	0.009	0.178	
10:30	Upwind	0.062	0.012	0.584	-0.041
	Downwind	0.021	0.009	0.257	
11:30	Upwind	---	---	---	---
	Downwind	0.022	0.009	0.419	
12:30	Upwind	0.029	0.012	0.584	-0.008
	Downwind	0.021	0.009	0.419	
13:30	Upwind	0.026	0.012	0.584	-0.006
	Downwind	0.020	0.009	0.419	
14:50	Upwind	0.023	0.012	0.584	-0.002
	Downwind	0.021	0.009	0.419	

Notes:

1. Data presented in milligrams per cubic meter (mg/m^3) of total dust.

Table 5
Summary of Dust Monitoring
430 Boston Post Road
Wayland, Massachusetts

January 25, 2012					
Time	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
9:15	Upwind	0.007	0.005	0.073	0.015
	Downwind	0.022	0.004	3.69	
10:15	Upwind	0.006	0.003	0.073	0.012
	Downwind	0.018	0.003	3.69	
12:00	Upwind	0.006	0.003	0.073	0.009
	Downwind	0.015	0.003	3.69	
13:00	Upwind	0.006	0.003	0.073	0.009
	Downwind	0.015	0.003	3.69	
14:00	Upwind	0.006	0.003	0.073	0.009
	Downwind	0.015	0.003	3.69	
14:45	Upwind	0.006	0.003	0.073	0.011
	Downwind	0.017	0.003	3.69	
January 26, 2012					
Time	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:00	Upwind	0.009	0.007	0.014	0.004
	Downwind	0.013	0.007	0.116	
9:00	Upwind	0.010	0.007	0.027	0.009
	Downwind	0.019	0.007	0.143	
10:00	Upwind	0.010	0.007	0.027	0.008
	Downwind	0.018	0.007	0.143	
11:30	Upwind	0.010	0.007	0.037	0.006
	Downwind	0.016	0.006	0.143	
12:30	Upwind	0.010	0.007	0.037	0.005
	Downwind	0.015	0.006	0.143	
13:30	Upwind	0.010	0.006	0.097	0.004
	Downwind	0.014	0.006	0.171	
14:30	Upwind	0.010	0.006	0.097	0.004
	Downwind	0.014	0.006	0.171	
15:40	Upwind	0.010	0.006	0.097	0.003
	Downwind	0.013	0.006	0.270	
January 27, 2012					
Time	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:00	Upwind	0.018	0.004	0.188	-0.016
	Downwind	0.002	0.000	0.039	
9:00	Upwind	0.018	0.004	0.188	-0.012
	Downwind	0.006	0.000	0.071	
11:00	Upwind	0.014	0.004	0.188	-0.008
	Downwind	0.006	0.000	0.071	
12:15	Upwind	0.010	0.001	0.238	-0.004
	Downwind	0.006	0.000	0.088	
13:30	Upwind	0.010	0.001	0.811	-0.004
	Downwind	0.006	0.000	0.088	
January 30, 2012					
Time	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:00	Upwind	0.005	0.004	0.015	0.010
	Downwind	0.015	0.004	0.905	
9:00	Upwind	0.005	0.004	0.015	0.012
	Downwind	0.017	0.003	0.905	
10:00	Upwind	0.005	0.002	0.015	0.011
	Downwind	0.016	0.001	0.905	
11:00	Upwind	0.004	0.000	0.030	0.014
	Downwind	0.018	0.000	2.70	
12:00	Upwind	0.003	0.000	0.030	0.011
	Downwind	0.014	0.000	2.70	
13:00	Upwind	0.003	0.000	0.030	0.009
	Downwind	0.012	0.000	2.70	
14:00	Upwind	0.003	0.000	0.030	0.010
	Downwind	0.013	0.000	2.70	
14:40	Upwind	0.003	0.000	0.030	0.011
	Downwind	0.014	0.000	2.70	

Notes:

1. Data presented in milligrams per cubic meter (mg/m^3) of total dust.

Table 5
Summary of Dust Monitoring
430 Boston Post Road
Wayland, Massachusetts

Time	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
January 31, 2012					
8:30	Upwind	0.012	0.008	0.107	0.001
	Downwind	0.013	0.008	0.419	
10:00	Upwind	0.012	0.008	0.107	0.002
	Downwind	0.014	0.008	0.419	
11:00	Upwind	0.013	0.008	0.107	0.001
	Downwind	0.014	0.008	0.419	
12:00	Upwind	0.012	0.008	0.107	0.001
	Downwind	0.013	0.008	0.419	
13:00	Upwind	0.012	0.008	0.107	0.004
	Downwind	0.016	0.008	2.70	
14:00	Upwind	0.013	0.008	0.107	0.004
	Downwind	0.017	0.008	2.70	
14:45	Upwind	0.013	0.008	0.107	0.004
	Downwind	0.017	0.008	2.70	
February 1, 2012					
Time	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:00	Upwind	0.040	0.034	0.045	0.024
	Downwind	0.064	0.034	1.84	
9:00	Upwind	0.043	0.034	0.059	0.021
	Downwind	0.064	0.034	1.84	
10:00	Upwind	0.045	0.034	0.066	0.019
	Downwind	0.064	0.034	1.84	
11:00	Upwind	0.047	0.034	0.066	0.016
	Downwind	0.063	0.034	1.84	
12:00	Upwind	0.046	0.034	0.066	0.017
	Downwind	0.063	0.022	1.84	
13:00	Upwind	0.043	0.010	0.066	0.017
	Downwind	0.060	0.010	2.91	
14:00	Upwind	0.011	0.009	0.066	0.052
	Downwind	0.063	0.009	3.00	
14:45	Upwind	0.010	0.008	0.066	0.050
	Downwind	0.060	0.008	3.54	
February 2, 2012					
Time	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:00	Upwind	0.011	0.008	0.019	0.004
	Downwind	0.015	0.007	0.174	
9:00	Upwind	0.011	0.008	0.019	0.006
	Downwind	0.017	0.007	0.183	
10:00	Upwind	0.008	0.007	0.019	0.009
	Downwind	0.017	0.006	0.183	
11:00	Upwind	0.008	0.007	0.019	0.008
	Downwind	0.016	0.006	0.349	
12:00	Upwind	0.008	0.007	0.019	0.009
	Downwind	0.017	0.006	1.34	
13:00	Upwind	0.009	0.006	0.066	0.008
	Downwind	0.017	0.006	1.34	
14:00	Upwind	0.009	0.006	0.066	0.008
	Downwind	0.017	0.006	1.34	
14:45	Upwind	0.010	0.006	0.066	0.007
	Downwind	0.017	0.006	1.34	
February 3, 2012					
	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:00	Upwind	0.007	0.005	0.041	0.013
	Downwind	0.020	0.005	0.343	
9:00	Upwind	0.007	0.005	0.041	0.016
	Downwind	0.023	0.004	1.10	
10:00	Upwind	0.006	0.004	0.083	0.015
	Downwind	0.021	0.003	1.10	
11:00	Upwind	0.006	0.003	0.083	0.021
	Downwind	0.027	0.003	6.57	
12:00	Upwind	0.005	0.002	0.083	0.020
	Downwind	0.025	0.003	6.57	
13:00	Upwind	0.005	0.002	0.083	0.019
	Downwind	0.024	0.002	6.57	
14:00	Upwind	0.005	0.002	0.083	0.016
	Downwind	0.021	0.001	6.57	
14:45	Upwind	0.004	0.002	0.083	0.017
	Downwind	0.021	0.001	6.57	

Notes:

1. Data presented in milligrams per cubic meter (mg/m^3) of total dust.

Table 5
Summary of Dust Monitoring
430 Boston Post Road
Wayland, Massachusetts

	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
February 6, 2012					
7:12	Upwind	0.007	0.007	0.059	0.005
	Downwind	0.012	0.006	1.06	
8:15	Upwind	0.008	0.007	0.571	0.003
	Downwind	0.011	0.006	1.06	
9:10	Upwind	0.016	0.007	0.571	-0.003
	Downwind	0.013	0.006	2.80	
10:15	Upwind	0.016	0.007	0.571	-0.003
	Downwind	0.013	0.006	2.80	
11:15	Upwind	0.019	0.007	0.571	-0.006
	Downwind	0.013	0.006	2.80	
12:15	Upwind	0.019	0.007	1.02	-0.005
	Downwind	0.014	0.006	2.80	
13:20	Upwind	0.022	0.007	1.02	-0.008
	Downwind	0.014	0.006	2.80	
14:15	Upwind	0.021	0.002	1.02	-0.007
	Downwind	0.014	0.006	2.80	
15:00	Upwind	0.026	0.002	1.02	-0.013
	Downwind	0.013	0.006	2.80	
February 7, 2012					
	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:00	Upwind	0.045	0.022	0.119	-0.007
	Downwind	0.038	0.022	0.143	
9:00	Upwind	0.050	0.021	0.301	-0.011
	Downwind	0.039	0.021	0.18	
10:00	Upwind	0.040	0.014	0.301	-0.005
	Downwind	0.035	0.014	0.327	
11:00	Upwind	0.034	0.014	0.301	-0.001
	Downwind	0.033	0.014	0.408	
12:00	Upwind	0.028	0.010	0.301	0.006
	Downwind	0.034	0.009	17.1	
13:00	Upwind	0.025	0.007	0.301	0.009
	Downwind	0.034	0.007	17.1	
14:00	Upwind	0.038	0.007	12.7	-0.004
	Downwind	0.034	0.007	17.1	
14:45	Upwind	0.033	0.007	12.7	0.000
	Downwind	0.033	0.007	17.1	
February 8, 2012					
	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:30	Upwind	0.006	0.002	0.059	0.009
	Downwind	0.015	0.001	0.372	
9:30	Upwind	0.006	0.002	0.059	0.006
	Downwind	0.012	0.001	0.657	
10:30	Upwind	0.006	0.002	0.198	0.004
	Downwind	0.010	0.001	0.657	
11:30	Upwind	0.006	0.002	0.198	0.004
	Downwind	0.010	0.001	0.657	
12:30	Upwind	0.007	0.002	0.536	0.001
	Downwind	0.008	0.001	0.657	
13:30	Upwind	0.007	0.002	0.536	0.002
	Downwind	0.009	0.001	0.657	
14:45	Upwind	0.008	0.002	0.625	0.001
	Downwind	0.009	0.001	0.657	
February 9, 2012					
	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:00	Upwind	0.025	0.019	0.085	-0.013
	Downwind	0.012	0.016	0.212	
9:00	Upwind	0.018	0.005	0.091	0.001
	Downwind	0.019	0.004	0.451	
10:00	Upwind	0.014	0.004	0.091	0.007
	Downwind	0.021	0.003	0.675	
11:00	Upwind	0.012	0.004	0.091	0.010
	Downwind	0.022	0.003	1.56	
12:00	Upwind	0.011	0.004	0.091	0.009
	Downwind	0.020	0.003	1.56	
13:00	Upwind	0.011	0.004	0.091	0.009
	Downwind	0.020	0.003	1.56	
14:00	Upwind	0.010	0.004	0.208	0.009
	Downwind	0.019	0.003	1.56	
14:45	Upwind	0.010	0.004	0.208	0.010
	Downwind	0.020	0.003	1.56	

Notes:

1. Data presented in milligrams per cubic meter (mg/m^3) of total dust.

Table 5
Summary of Dust Monitoring
430 Boston Post Road
Wayland, Massachusetts

	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
February 10, 2012					
8:00	Upwind	0.021	0.016	0.115	0.012
	Downwind	0.033	0.015	0.363	
9:00	Upwind	0.021	0.016	0.115	0.011
	Downwind	0.032	0.015	0.363	
10:00	Upwind	0.020	0.016	0.115	0.008
	Downwind	0.028	0.013	0.363	
11:00	Upwind	0.022	0.011	0.517	0.004
	Downwind	0.026	0.130	0.363	
12:00	Upwind	0.020	0.009	0.517	0.002
	Downwind	0.022	0.007	0.756	
13:00	Upwind	0.019	0.009	0.517	0.003
	Downwind	0.022	0.007	0.756	
14:00	Upwind	0.019	0.009	0.517	0.002
	Downwind	0.021	0.007	0.756	
14:45	Upwind	0.017	0.009	0.517	0.004
	Downwind	0.021	0.007	0.756	
February 13, 2012					
	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:00	Upwind	0.009	0.004	0.545	0.002
	Downwind	0.011	0.004	1.38	
9:00	Upwind	0.008	0.004	0.545	0.002
	Downwind	0.010	0.004	1.38	
10:00	Upwind	0.007	0.003	0.545	0.009
	Downwind	0.016	0.003	1.49	
11:00	Upwind	0.006	0.002	0.545	0.098
	Downwind	0.104	0.002	16.0	
12:00	Upwind	0.005	0.002	0.545	0.130
	Downwind	0.135	0.002	22.2	
13:00	Upwind	0.005	0.002	0.545	0.168
	Downwind	0.173	0.002	25.5	
14:00	Upwind	0.005	0.002	0.545	0.154
	Downwind	0.159	0.002	25.5	
14:45	Upwind	0.005	0.002	0.545	0.143
	Downwind	0.148	0.002	25.5	
February 14, 2012					
	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:00	Upwind	0.025	0.021	0.038	0.014
	Downwind	0.039	0.019	0.545	
9:00	Upwind	0.028	0.021	0.072	0.013
	Downwind	0.041	0.019	0.545	
10:00	Upwind	0.026	0.014	0.087	0.011
	Downwind	0.037	0.012	0.651	
11:00	Upwind	0.023	0.014	0.324	0.016
	Downwind	0.039	0.007	0.957	
12:00	Upwind	0.021	0.009	0.324	0.016
	Downwind	0.037	0.007	1.78	
13:00	Upwind	0.019	0.009	0.324	0.016
	Downwind	0.035	0.007	1.78	
14:00	Upwind	0.019	0.008	0.324	0.015
	Downwind	0.034	0.007	1.78	
14:45	Upwind	0.019	0.008	0.396	0.013
	Downwind	0.032	0.007	1.78	
February 15, 2012					
	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:00	Upwind	0.025	0.021	0.035	0.002
	Downwind	0.027	0.020	0.102	
9:00	Upwind	0.028	0.021	0.056	0.001
	Downwind	0.029	0.020	0.102	
10:00	Upwind	0.029	0.021	0.056	0.005
	Downwind	0.034	0.020	0.383	
11:00	Upwind	0.029	0.021	0.056	0.009
	Downwind	0.038	0.020	0.698	
12:00	Upwind	0.029	0.021	0.056	0.007
	Downwind	0.036	0.018	0.698	
13:00	Upwind	0.028	0.020	0.056	0.007
	Downwind	0.035	0.018	0.698	
14:00	Upwind	0.028	0.020	0.056	0.007
	Downwind	0.035	0.018	0.698	
14:45	Upwind	0.030	0.020	0.543	0.005
	Downwind	0.035	0.018	0.698	

Notes:

1. Data presented in milligrams per cubic meter (mg/m^3) of total dust.

Table 5
Summary of Dust Monitoring
430 Boston Post Road
Wayland, Massachusetts

	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
February 16, 2012					
8:00	Upwind	0.040	0.032	0.066	0.016
	Downwind	0.056	0.032	1.92	
9:00	Upwind	0.037	0.032	0.066	0.011
	Downwind	0.048	0.030	1.92	
10:00	Upwind	0.035	0.032	0.066	0.010
	Downwind	0.045	0.021	1.92	
11:00	Upwind	0.034	0.012	0.131	0.009
	Downwind	0.043	0.021	1.92	
12:00	Upwind	0.032	0.012	0.131	0.006
	Downwind	0.038	0.012	1.92	
13:00	Upwind	0.030	0.012	0.156	0.006
	Downwind	0.036	0.012	1.92	
14:00	Upwind	0.028	0.012	0.156	0.007
	Downwind	0.035	0.012	1.92	
14:45	Upwind	0.027	0.012	0.156	0.007
	Downwind	0.034	0.012	1.92	
February 17, 2012					
	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:00	Upwind	0.009	0.007	0.011	0.002
	Downwind	0.011	0.007	0.078	
9:00	Upwind	0.009	0.007	0.011	0.002
	Downwind	0.011	0.006	0.078	
10:00	Upwind	0.009	0.007	0.023	0.002
	Downwind	0.011	0.006	0.211	
11:00	Upwind	0.009	0.006	0.023	0.002
	Downwind	0.011	0.006	0.218	
12:00	Upwind	0.009	0.006	0.023	0.003
	Downwind	0.012	0.006	0.420	
13:00	Upwind	0.009	0.006	0.023	0.004
	Downwind	0.013	0.006	0.420	
14:00	Upwind	0.009	0.006	0.023	0.004
	Downwind	0.013	0.006	0.420	
14:45	Upwind	0.009	0.006	0.023	0.005
	Downwind	0.014	0.006	0.420	
February 20, 2012					
	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:30	Upwind	0.006	0.004	0.014	0.006
	Downwind	0.012	0.004	0.398	
10:15	Upwind	0.005	0.003	0.014	0.014
	Downwind	0.019	0.003	2.15	
12:00	Upwind	0.005	0.003	0.051	0.018
	Downwind	0.023	0.002	2.15	
13:15	Upwind	0.005	0.002	0.203	0.029
	Downwind	0.034	0.002	4.04	
14:45	Upwind	0.005	0.002	0.203	0.037
	Downwind	0.042	0.001	6.66	

Notes:
1. Data presented in milligrams per cubic meter (mg/m^3) of total dust.

Table 5
Summary of Dust Monitoring
430 Boston Post Road
Wayland, Massachusetts

February 21, 2012					
	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:15	Upwind	0.029	0.010	0.337	-0.006
	Downwind	0.023	0.010	0.373	
10:00	Upwind	0.018	0.004	0.337	0.001
	Downwind	0.019	0.005	0.712	
12:00	Upwind	0.014	0.004	0.337	0.002
	Downwind	0.016	0.005	0.907	
13:20	Upwind	0.012	0.004	0.337	0.004
	Downwind	0.016	0.005	2.06	
14:45	Upwind	0.012	0.004	0.555	0.004
	Downwind	0.016	0.004	2.06	
February 22, 2012					
	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:00	Upwind	0.019	0.012	1.16	0.009
	Downwind	0.028	0.012	0.620	
9:15	Upwind	0.021	0.012	1.16	0.010
	Downwind	0.031	0.012	0.665	
10:45	Upwind	0.019	0.008	1.16	0.011
	Downwind	0.030	0.011	2.17	
12:15	Upwind	0.016	0.008	1.16	0.011
	Downwind	0.027	0.006	4.34	
13:30	Upwind	0.015	0.007	1.16	0.015
	Downwind	0.030	0.006	4.44	
14:45	Upwind	0.014	0.007	1.16	0.015
	Downwind	0.029	0.006	6.63	
February 23, 2012					
	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:15	Upwind	0.022	0.017	0.030	0.004
	Downwind	0.026	0.017	0.09	
9:30	Upwind	0.024	0.017	0.034	0.005
	Downwind	0.029	0.017	0.15	
10:40	Upwind	0.023	0.017	0.034	0.006
	Downwind	0.029	0.015	0.949	
12:00	Upwind	0.019	0.010	0.034	0.008
	Downwind	0.027	0.009	0.949	
13:20	Upwind	0.017	0.009	0.034	0.007
	Downwind	0.024	0.004	0.949	
14:45	Upwind	0.016	0.002	0.071	0.004
	Downwind	0.020	0.001	1.41	
February 24, 2012					
	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:15	Upwind	0.030	0.010	0.434	-0.012
	Downwind	0.018	0.009	0.240	
9:30	Upwind	0.023	0.009	0.618	-0.007
	Downwind	0.016	0.009	0.240	
10:40	Upwind	0.024	0.009	0.618	-0.007
	Downwind	0.017	0.009	0.240	
12:15	Upwind	0.024	0.009	0.618	-0.003
	Downwind	0.021	0.009	0.240	
13:30	Upwind	0.024	0.009	0.618	-0.004
	Downwind	0.020	0.009	0.240	
14:45	Upwind	0.024	0.009	0.298	-0.001
	Downwind	0.023	0.009	2.94	

Notes:

1. Data presented in milligrams per cubic meter (mg/m^3) of total dust.

Table 5
Summary of Dust Monitoring
430 Boston Post Road
Wayland, Massachusetts

	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
February 27, 2012					
8:00	Upwind	0.023	0.011	0.039	0.003
	Downwind	0.026	0.009	0.563	
9:30	Upwind	0.016	0.005	0.044	0.006
	Downwind	0.022	0.005	1.76	
10:45	Upwind	0.013	0.005	0.053	0.006
	Downwind	0.019	0.005	1.76	
12:45	Upwind	0.014	0.005	0.073	0.005
	Downwind	0.019	0.005	1.76	
13:45	Upwind	0.014	0.005	0.073	0.005
	Downwind	0.019	0.005	1.76	
14:45	Upwind	0.015	0.005	0.564	0.004
	Downwind	0.019	0.005	4.52	
February 28, 2012					
	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:10	Upwind	0.012	0.010	0.062	0.007
	Downwind	0.019	0.010	0.323	
9:30	Upwind	0.016	0.008	0.132	0.002
	Downwind	0.018	0.008	0.635	
10:30	Upwind	0.013	0.004	0.132	0.003
	Downwind	0.016	0.004	0.635	
12:30	Upwind	0.010	0.004	0.132	0.005
	Downwind	0.015	0.004	0.947	
13:45	Upwind	0.010	0.004	0.132	0.006
	Downwind	0.016	0.004	0.947	
14:45	Upwind	0.009	0.004	0.132	0.008
	Downwind	0.017	0.004	2.00	
February 29, 2012					
	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:15	Upwind	0.017	0.007	0.375	-0.007
	Downwind	0.010	0.005	0.162	
9:30	Upwind	0.012	0.005	0.375	-0.003
	Downwind	0.009	0.004	0.240	
10:35	Upwind	0.011	0.004	0.375	0.000
	Downwind	0.011	0.003	0.668	
12:15	Upwind	0.010	0.004	0.375	0.002
	Downwind	0.012	0.003	1.03	
13:30	Upwind	0.011	0.004	0.375	0.002
	Downwind	0.013	0.003	1.14	
14:45	Upwind	0.013	0.004	0.375	0.003
	Downwind	0.016	0.003	1.14	
March 2, 2012					
	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:40	Upwind	0.012	0.006	0.096	-0.003
	Downwind	0.009	0.005	0.166	
10:15	Upwind	0.012	0.006	0.096	-0.002
	Downwind	0.010	0.005	0.166	
12:15	Upwind	0.013	0.005	0.096	-0.001
	Downwind	0.012	0.005	0.166	
13:45	Upwind	0.013	0.005	0.096	0.000
	Downwind	0.013	0.005	0.166	
14:45	Upwind	0.015	0.005	0.096	-0.001
	Downwind	0.014	0.005	0.166	
March 5, 2012					
	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:30	Upwind	0.004	0.003	0.015	0.022
	Downwind	0.026	0.003	1.30	
10:00	Upwind	0.004	0.003	0.033	0.023
	Downwind	0.027	0.003	1.43	
11:15	Upwind	0.004	0.003	0.033	0.019
	Downwind	0.023	0.002	1.43	
13:00	Upwind	0.004	0.003	0.047	0.016
	Downwind	0.020	0.002	1.43	
14:40	Upwind	0.004	0.003	0.047	0.014
	Downwind	0.018	0.002	1.43	
March 6, 2012					
	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:00	Upwind	0.008	0.006	0.027	0.006
	Downwind	0.014	0.005	0.510	
9:15	Upwind	0.007	0.004	0.027	0.011
	Downwind	0.018	0.003	1.00	
10:30	Upwind	0.007	0.004	0.027	0.012
	Downwind	0.019	0.003	1.00	
11:30	Upwind	0.006	0.004	0.027	0.013
	Downwind	0.019	0.003	1.00	
12:30	Upwind	0.006	0.004	0.027	0.009
	Downwind	0.015	0.003	1.00	
14:40	Upwind	0.006	0.004	0.027	0.007
	Downwind	0.013	0.002	1.00	

Notes:

1. Data presented in milligrams per cubic meter (mg/m^3) of total dust.

Table 5
Summary of Dust Monitoring
430 Boston Post Road
Wayland, Massachusetts

	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
March 7, 2012					
8:30	Upwind	0.017	0.014	0.037	0.003
	Downwind	0.020	0.012	0.287	
10:00	Upwind	0.016	0.012	0.068	0.002
	Downwind	0.018	0.010	0.287	
12:30	Upwind	0.015	0.010	0.068	0.002
	Downwind	0.017	0.009	0.287	
13:30	Upwind	0.014	0.010	0.068	0.003
	Downwind	0.017	0.009	0.287	
14:40	Upwind	0.015	0.010	1.25	0.001
	Downwind	0.016	0.009	0.287	
March 8, 2012					
	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:15	Upwind	0.013	0.009	0.018	0.012
	Downwind	0.025	0.009	0.519	
9:45	Upwind	0.014	0.009	0.125	0.013
	Downwind	0.027	0.009	1.33	
11:00	Upwind	0.014	0.009	0.125	0.015
	Downwind	0.029	0.009	1.33	
12:30	Upwind	0.015	0.009	0.189	0.013
	Downwind	0.028	0.009	1.33	
13:40	Upwind	0.015	0.009	0.324	0.021
	Downwind	0.036	0.009	6.55	
14:40	Upwind	0.016	0.009	0.324	0.029
	Downwind	0.045	0.009	66.6	
March 9, 2012					
	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:30	Upwind	0.003	0.002	0.007	0.003
	Downwind	0.006	0.002	0.024	
9:45	Upwind	0.002	0.001	0.020	0.003
	Downwind	0.005	0.001	0.583	
11:10	Upwind	0.002	0.001	0.020	0.004
	Downwind	0.006	0.001	0.821	
12:45	Upwind	0.002	0.001	0.020	0.003
	Downwind	0.005	0.001	0.821	
13:45	Upwind	0.002	0.001	0.020	0.003
	Downwind	0.005	0.001	0.821	
14:40	Upwind	0.002	0.001	0.020	0.004
	Downwind	0.006	0.001	0.821	
March 12, 2012					
	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:15	Upwind	0.029	0.013	0.203	-0.002
	Downwind	0.027	0.013	0.354	
10:00	Upwind	0.023	0.012	0.203	0.004
	Downwind	0.027	0.010	1.37	
11:15	Upwind	0.020	0.010	0.203	0.007
	Downwind	0.027	0.009	1.37	
12:40	Upwind	0.019	0.010	0.203	0.007
	Downwind	0.026	0.009	1.37	
13:40	Upwind	0.018	0.010	0.203	0.010
	Downwind	0.028	0.009	1.37	
14:40	Upwind	0.018	0.010	0.203	0.011
	Downwind	0.029	0.009	1.69	
March 13, 2012					
	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:20	Upwind	0.019	0.012	0.046	0.002
	Downwind	0.021	0.011	0.176	
10:00	Upwind	0.023	0.012	0.057	0.002
	Downwind	0.025	0.011	0.431	
12:15	Upwind	0.022	0.012	0.067	0.003
	Downwind	0.025	0.011	0.675	
13:35	Upwind	0.021	0.012	0.067	0.007
	Downwind	0.028	0.011	3.17	
14:45	Upwind	0.020	0.012	0.067	0.008
	Downwind	0.028	0.011	3.17	
March 14, 2012					
	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:30	Upwind	0.013	0.009	0.043	0.003
	Downwind	0.016	0.009	0.143	
10:00	Upwind	0.015	0.009	0.043	0.003
	Downwind	0.018	0.009	0.143	
12:10	Upwind	0.016	0.009	0.043	0.004
	Downwind	0.020	0.009	0.143	
13:30	Upwind	0.017	0.009	0.043	0.003
	Downwind	0.020	0.009	0.259	
14:45	Upwind	0.020	0.009	0.072	0.002
	Downwind	0.022	0.009	0.49	

Notes:
1. Data presented in milligrams per cubic meter (mg/m^3) of total dust.

Table 5
Summary of Dust Monitoring
430 Boston Post Road
Wayland, Massachusetts

	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
March 15, 2012					
8:15	Upwind	0.017	0.011	0.029	0.015
	Downwind	0.032	0.012	4.66	
10:00	Upwind	0.016	0.006	0.063	0.013
	Downwind	0.029	0.012	4.66	
12:00	Upwind	0.012	0.006	0.063	0.010
	Downwind	0.022	0.005	4.66	
13:30	Upwind	0.012	0.006	0.063	0.008
	Downwind	0.020	0.005	4.66	
14:45	Upwind	0.012	0.006	0.063	0.008
	Downwind	0.020	0.005	4.66	
March 16, 2012					
	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:40	Upwind	0.013	0.007	0.179	0.003
	Downwind	0.016	0.005	0.232	
10:20	Upwind	0.011	0.005	0.179	0.004
	Downwind	0.015	0.004	0.914	
12:00	Upwind	0.011	0.005	0.179	0.004
	Downwind	0.015	0.004	0.914	
13:30	Upwind	0.011	0.005	0.179	0.005
	Downwind	0.016	0.004	0.914	
14:45	Upwind	0.013	0.005	0.179	0.004
	Downwind	0.017	0.004	0.914	
March 19, 2012					
	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:15	Upwind	0.045	0.035	0.063	0.005
	Downwind	0.050	0.039	0.253	
9:45	Upwind	0.048	0.035	0.063	0.008
	Downwind	0.056	0.033	0.253	
11:15	Upwind	0.039	0.023	0.340	0.007
	Downwind	0.046	0.021	0.813	
12:35	Upwind	0.036	0.021	0.530	0.005
	Downwind	0.041	0.018	0.813	
13:50	Upwind	0.035	0.021	0.530	0.003
	Downwind	0.038	0.018	0.813	
14:40	Upwind	0.034	0.021	0.530	0.003
	Downwind	0.037	0.018	1.30	
March 20, 2012					
	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:20	Upwind	0.030	0.022	0.075	0.003
	Downwind	0.033	0.021	0.151	
9:50	Upwind	0.028	0.021	0.256	0.002
	Downwind	0.030	0.019	0.235	
11:45	Upwind	0.028	0.021	0.347	0.003
	Downwind	0.031	0.019	1.68	
13:00	Upwind	0.027	0.019	0.347	0.013
	Downwind	0.040	0.017	9.90	
14:40	Upwind	0.026	0.015	0.347	0.022
	Downwind	0.048	0.014	9.90	

Notes:

1. Data presented in milligrams per cubic meter (mg/m^3) of total dust.

Table 5
Summary of Dust Monitoring
430 Boston Post Road
Wayland, Massachusetts

	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
March 21, 2012					
8:30	Upwind	0.008	0.004	0.024	0.004
	Downwind	0.012	0.005	0.126	
9:50	Upwind	0.008	0.004	0.024	0.005
	Downwind	0.013	0.005	0.480	
12:00	Upwind	0.007	0.004	0.049	0.006
	Downwind	0.013	0.004	1.52	
13:30	Upwind	0.007	0.004	0.049	0.007
	Downwind	0.014	0.004	1.52	
14:45	Upwind	0.007	0.004	0.049	0.008
	Downwind	0.015	0.004	1.52	
March 22, 2012					
	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:20	Upwind	0.020	0.017	0.027	0.006
	Downwind	0.026	0.019	0.14	
9:40	Upwind	0.018	0.014	0.069	0.008
	Downwind	0.026	0.014	0.516	
11:00	Upwind	0.017	0.011	0.201	0.010
	Downwind	0.027	0.014	0.516	
12:30	Upwind	0.016	0.011	0.201	0.009
	Downwind	0.025	0.009	0.651	
13:30	Upwind	0.015	0.010	0.201	0.012
	Downwind	0.027	0.009	1.77	
14:45	Upwind	0.015	0.010	0.201	0.014
	Downwind	0.029	0.008	4.37	
March 23, 2012					
	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:40	Upwind	0.013	0.007	0.271	0.005
	Downwind	0.018	0.006	4.66	
10:00	Upwind	0.011	0.005	0.926	0.006
	Downwind	0.017	0.004	4.660	
11:15	Upwind	0.010	0.004	0.926	0.008
	Downwind	0.018	0.003	4.660	
12:30	Upwind	0.009	0.004	0.926	0.008
	Downwind	0.017	0.003	4.660	
13:30	Upwind	0.009	0.004	0.926	0.007
	Downwind	0.016	0.003	4.660	
14:45	Upwind	0.008	0.004	0.926	0.008
	Downwind	0.016	0.003	4.660	
March 26, 2012					
	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:00	Upwind	0.022	0.017	0.131	0.004
	Downwind	0.026	0.017	0.147	
9:40	Upwind	0.029	0.000	3.66	-0.007
	Downwind	0.022	0.000	2.22	
11:00	Upwind	0.020	0.000	3.66	0.140
	Downwind	0.160	0.000	28.8	
12:10	Upwind	0.018	0.000	3.66	0.231
	Downwind	0.249	0.000	28.8	
13:10	Upwind	0.016	0.000	3.66	0.312
	Downwind	0.328	0.000	47.8	
14:00	Upwind	0.014	0.000	3.66	0.347
	Downwind	0.361	0.000	47.8	
14:35	Upwind	0.014	0.000	3.66	0.363
	Downwind	0.377	0.000	47.8	
15:35	Upwind	0.013	0.000	3.66	0.390
	Downwind	0.403	0.000	47.8	
16:35	Upwind	0.013	0.000	3.66	0.400
	Downwind	0.413	0.000	76.4	
March 27, 2012					
	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:10	Upwind	0.004	0.002	0.025	0.129
	Downwind	0.133	0.001	27.2	
9:35	Upwind	0.004	0.002	0.025	0.084
	Downwind	0.088	0.001	27.2	
10:40	Upwind	0.004	0.002	0.034	0.063
	Downwind	0.067	0.001	27.2	
12:10	Upwind	0.004	0.002	0.112	0.045
	Downwind	0.049	0.001	27.2	
13:30	Upwind	0.004	0.002	0.113	0.038
	Downwind	0.042	0.001	27.2	
14:35	Upwind	0.004	0.002	0.113	0.035
	Downwind	0.039	0.001	27.2	
15:40	Upwind	0.005	0.002	0.500	0.031
	Downwind	0.036	0.001	27.2	
16:45	Upwind	0.005	0.002	0.500	0.028
	Downwind	0.033	0.001	27.2	

Notes:

1. Data presented in milligrams per cubic meter (mg/m^3) of total dust.

Table 5
Summary of Dust Monitoring
430 Boston Post Road
Wayland, Massachusetts

	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
March 28, 2012					
8:10	Upwind	0.008	0.005	0.070	0.001
	Downwind	0.009	0.004	1.83	
9:40	Upwind	0.007	0.004	0.070	0.002
	Downwind	0.009	0.003	1.83	
10:50	Upwind	0.007	0.004	0.070	0.002
	Downwind	0.009	0.003	1.83	
12:00	Upwind	0.007	0.004	0.070	0.002
	Downwind	0.009	0.003	1.83	
13:15	Upwind	0.008	0.004	0.166	0.002
	Downwind	0.010	0.003	1.83	
14:30	Upwind	0.008	0.004	0.166	0.003
	Downwind	0.011	0.003	1.83	
15:45	Upwind	0.008	0.004	0.166	0.003
	Downwind	0.011	0.003	1.83	
16:45	Upwind	0.008	0.004	0.166	0.003
	Downwind	0.011	0.003	1.83	
March 29, 2012					
	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:15	Upwind	0.011	0.007	0.016	0.003
	Downwind	0.014	0.007	0.229	
10:00	Upwind	0.009	0.006	0.087	0.003
	Downwind	0.012	0.006	0.449	
11:15	Upwind	0.009	0.006	0.087	0.004
	Downwind	0.013	0.006	0.449	
12:30	Upwind	0.010	0.006	0.087	0.003
	Downwind	0.013	0.006	0.449	
13:30	Upwind	0.010	0.006	0.087	0.003
	Downwind	0.013	0.006	0.449	
14:45	Upwind	0.010	0.006	0.087	0.003
	Downwind	0.013	0.006	0.449	
15:45	Upwind	0.009	0.006	0.087	0.004
	Downwind	0.013	0.006	0.449	
16:45	Upwind	0.009	0.006	0.087	0.004
	Downwind	0.013	0.006	0.449	
April 2, 2012					
	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:15	Upwind	0.010	0.004	0.075	-0.002
	Downwind	0.008	0.003	0.200	
9:30	Upwind	0.006	0.000	0.075	-0.001
	Downwind	0.005	0.000	0.200	
11:10	Upwind	0.004	0.000	0.075	0.001
	Downwind	0.005	0.000	0.413	
12:40	Upwind	0.004	0.000	0.075	0.001
	Downwind	0.005	0.000	0.573	
13:45	Upwind	0.004	0.000	0.075	0.002
	Downwind	0.006	0.000	1.82	
15:15	Upwind	0.004	0.000	0.075	0.004
	Downwind	0.008	0.000	5.17	
16:45	Upwind	0.004	0.000	0.012	0.008
	Downwind	0.012	0.000	7.73	
April 3, 2012					
	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:15	Upwind	0.007	0.003	0.117	-0.002
	Downwind	0.005	0.002	0.072	
9:45	Upwind	0.006	0.002	0.672	0.001
	Downwind	0.007	0.001	2.58	
11:00	Upwind	0.006	0.001	0.672	0.002
	Downwind	0.008	0.001	2.58	
12:30	Upwind	0.005	0.001	0.672	0.002
	Downwind	0.007	0.001	2.58	
13:45	Upwind	0.005	0.001	0.672	0.003
	Downwind	0.008	0.001	2.58	
15:00	Upwind	0.006	0.001	0.672	0.003
	Downwind	0.009	0.001	2.58	
16:00	Upwind	0.008	0.001	3.90	0.000
	Downwind	0.008	0.001	2.58	
16:45	Upwind	0.008	0.001	3.90	0.001
	Downwind	0.009	0.001	2.58	

Notes:

1. Data presented in milligrams per cubic meter (mg/m^3) of total dust.

Table 5
Summary of Dust Monitoring
430 Boston Post Road
Wayland, Massachusetts

	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
April 4, 2012					
8:15	Upwind	0.011	0.005	0.180	0.001
	Downwind	0.012	0.004	0.139	
9:15	Upwind	0.010	0.004	0.180	0.000
	Downwind	0.010	0.003	0.139	
10:45	Upwind	0.010	0.004	0.339	-0.001
	Downwind	0.009	0.002	0.360	
12:15	Upwind	0.009	0.004	0.339	0.001
	Downwind	0.010	0.002	1.13	
13:30	Upwind	0.010	0.004	0.339	0.012
	Downwind	0.022	0.002	11.4	
14:45	Upwind	0.011	0.004	0.377	0.013
	Downwind	0.024	0.002	11.4	
15:45	Upwind	0.013	0.004	2.05	0.013
	Downwind	0.026	0.002	11.4	
16:45	Upwind	0.012	0.003	2.05	0.013
	Downwind	0.025	0.002	11.4	
April 5, 2012					
	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:40	Upwind	0.003	0.000	0.074	0.000
	Downwind	0.003	0.000	0.119	
10:00	Upwind	0.002	0.000	0.074	0.001
	Downwind	0.003	0.000	0.366	
11:15	Upwind	0.002	0.000	0.074	0.002
	Downwind	0.004	0.000	0.366	
12:15	Upwind	0.002	0.000	0.488	0.001
	Downwind	0.003	0.000	0.366	
13:30	Upwind	0.002	0.000	0.488	0.001
	Downwind	0.003	0.000	0.479	
14:45	Upwind	0.003	0.000	0.488	0.001
	Downwind	0.004	0.000	3.68	
15:50	Upwind	0.003	0.000	0.488	0.001
	Downwind	0.004	0.000	3.68	
16:45	Upwind	0.003	0.000	0.488	0.001
	Downwind	0.004	0.000	3.68	
April 9, 2012					
	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:15	Upwind	0.005	0.003	0.024	0.007
	Downwind	0.012	0.002	3.24	
9:45	Upwind	0.005	0.002	0.326	0.006
	Downwind	0.011	0.002	3.24	
12:15	Upwind	0.005	0.002	0.326	0.007
	Downwind	0.012	0.002	3.24	
13:45	Upwind	0.006	0.002	0.326	0.007
	Downwind	0.013	0.002	3.24	
14:45	Upwind	0.006	0.002	0.326	0.010
	Downwind	0.016	0.002	3.24	
April 10, 2012					
	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:30	Upwind	0.009	0.005	0.155	0.001
	Downwind	0.010	0.004	0.851	
10:00	Upwind	0.009	0.005	0.155	0.002
	Downwind	0.011	0.003	0.851	
11:30	Upwind	0.007	0.005	0.155	0.003
	Downwind	0.010	0.003	0.851	
12:45	Upwind	0.008	0.005	0.155	0.003
	Downwind	0.011	0.003	1.40	
13:45	Upwind	0.008	0.005	0.155	0.006
	Downwind	0.014	0.003	3.60	
14:45	Upwind	0.008	0.005	0.155	0.006
	Downwind	0.014	0.003	3.60	
April 11, 2012					
	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:30	Upwind	0.028	0.004	0.719	-0.017
	Downwind	0.011	0.004	0.379	
10:00	Upwind	0.016	0.002	0.719	-0.007
	Downwind	0.009	0.002	0.483	
12:00	Upwind	0.012	0.002	0.719	-0.004
	Downwind	0.008	0.002	0.483	
13:30	Upwind	0.013	0.002	0.719	-0.004
	Downwind	0.009	0.002	0.787	
14:45	Upwind	0.013	0.002	0.719	-0.004
	Downwind	0.009	0.002	0.787	

Notes:

1. Data presented in milligrams per cubic meter (mg/m^3) of total dust.

Table 5
Summary of Dust Monitoring
430 Boston Post Road
Wayland, Massachusetts

	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
April 12, 2012					
8:30	Upwind	0.004	0.002	0.014	0.003
	Downwind	0.007	0.003	0.312	
9:45	Upwind	0.004	0.002	0.014	0.002
	Downwind	0.006	0.002	0.312	
11:15	Upwind	0.004	0.002	0.090	0.004
	Downwind	0.008	0.002	2.33	
12:35	Upwind	0.004	0.002	0.090	0.004
	Downwind	0.008	0.002	2.33	
13:45	Upwind	0.004	0.001	0.090	0.004
	Downwind	0.008	0.001	2.33	
14:45	Upwind	0.004	0.001	0.090	0.004
	Downwind	0.008	0.001	2.33	
April 13, 2012					
	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:20	Upwind	0.008	0.006	0.028	0.001
	Downwind	0.009	0.004	1.51	
9:50	Upwind	0.007	0.004	0.028	0.004
	Downwind	0.011	0.004	1.51	
11:15	Upwind	0.006	0.003	0.028	0.006
	Downwind	0.012	0.003	1.90	
13:00	Upwind	0.006	0.003	0.028	0.007
	Downwind	0.013	0.003	3.11	
14:40	Upwind	0.006	0.003	0.028	0.008
	Downwind	0.014	0.003	3.11	
April 16, 2012					
	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:30	Upwind	0.033	0.023	0.557	0.012
	Downwind	0.045	0.029	1.78	
10:00	Upwind	0.036	0.023	0.557	0.008
	Downwind	0.044	0.029	1.78	
12:15	Upwind	0.035	0.023	0.557	0.013
	Downwind	0.048	0.025	2.42	
13:30	Upwind	0.035	0.023	0.557	0.012
	Downwind	0.047	0.019	2.42	
14:45	Upwind	0.033	0.021	0.557	0.014
	Downwind	0.047	0.017	5.45	
April 17, 2012					
	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:30	Upwind	0.031	0.009	0.211	0.021
	Downwind	0.052	0.008	5.21	
10:00	Upwind	0.021	0.007	0.211	0.026
	Downwind	0.047	0.006	6.37	
11:30	Upwind	0.017	0.007	0.211	0.029
	Downwind	0.046	0.004	6.37	
13:30	Upwind	0.014	0.007	0.211	0.032
	Downwind	0.046	0.004	15.4	
14:45	Upwind	0.014	0.007	0.211	0.033
	Downwind	0.047	0.004	25.1	
April 18, 2012					
	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:20	Upwind	0.002	0.001	0.103	0.018
	Downwind	0.020	0.000	5.75	
9:40	Upwind	0.003	0.001	0.103	0.013
	Downwind	0.016	0.000	5.75	
11:20	Upwind	0.003	0.001	0.103	0.010
	Downwind	0.013	0.000	5.75	
12:40	Upwind	0.003	0.001	0.105	0.010
	Downwind	0.013	0.000	5.75	
14:45	Upwind	0.004	0.001	0.012	0.008
	Downwind	0.012	0.000	5.75	
May 2, 2012					
	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:20	Upwind	0.002	0.001	0.103	0.018
	Downwind	0.020	0.000	5.75	
9:40	Upwind	0.003	0.001	0.103	0.013
	Downwind	0.016	0.000	5.75	
11:20	Upwind	0.003	0.001	0.103	0.010
	Downwind	0.013	0.000	5.75	
12:40	Upwind	0.003	0.001	0.105	0.010
	Downwind	0.013	0.000	5.75	
14:45	Upwind	0.004	0.001	0.012	0.008
	Downwind	0.012	0.000	5.75	

Notes:

1. Data presented in milligrams per cubic meter (mg/m^3) of total dust.

Table 5
Summary of Dust Monitoring
430 Boston Post Road
Wayland, Massachusetts

	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
June 4, 2012					
8:20	Upwind	0.026	0.000	5.73	-0.008
	Downwind	0.018	0.000	2.02	
9:40	Upwind	0.035	0.000	10.80	-0.019
	Downwind	0.016	0.000	2.02	
10:25	Upwind	0.038	0.000	10.80	-0.023
	Downwind	0.015	0.000	2.02	
11:30	Upwind	0.034	0.000	10.80	-0.021
	Downwind	0.013	0.000	2.02	
12:00	Upwind	0.034	0.000	10.80	-0.021
	Downwind	0.013	0.000	2.02	
13:30	Upwind	0.032	0.000	10.80	-0.020
	Downwind	0.012	0.000	2.02	
June 5, 2012					
	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:20	Upwind	0.004	0.000	0.154	0.014
	Downwind	0.018	0.002	0.657	
9:20	Upwind	0.006	0.000	0.154	0.008
	Downwind	0.014	0.002	0.657	
10:30	Upwind	0.010	0.000	0.608	0.005
	Downwind	0.015	0.002	0.677	
11:30	Upwind	0.010	0.000	0.608	0.004
	Downwind	0.014	0.002	1.310	
12:30	Upwind	0.010	0.000	0.608	0.003
	Downwind	0.013	0.002	1.310	
13:30	Upwind	0.013	0.000	1.690	-0.001
	Downwind	0.012	0.002	1.560	
14:30	Upwind	0.024	0.000	10.200	-0.013
	Downwind	0.011	0.002	1.560	
June 5, 2012					
	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
8:05	Upwind	0.010	0.005	0.449	-0.002
	Downwind	0.008	0.005	0.015	
9:05	Upwind	0.010	0.005	0.449	-0.001
	Downwind	0.009	0.005	0.089	
10:00	Upwind	0.009	0.005	0.449	0.004
	Downwind	0.013	0.005	1.230	
11:00	Upwind	0.009	0.005	0.449	0.034
	Downwind	0.043	0.005	11.500	
12:10	Upwind	0.009	0.004	0.449	0.026
	Downwind	0.035	0.005	11.500	
13:30	Upwind	0.009	0.004	0.449	0.026
	Downwind	0.035	0.005	11.500	
14:30	Upwind	0.009	0.004	0.449	
	Downwind	---	---	---	
December 4, 2012					
	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
7:30	Upwind	0.041	0.039	0.049	-0.015
	Downwind	0.026	0.020	0.086	
8:30	Upwind	0.043	0.039	0.059	-0.014
	Downwind	0.029	0.020	0.334	
9:30	Upwind	0.051	0.039	0.170	-0.019
	Downwind	0.032	0.020	0.334	
10:30	Upwind	0.060	0.039	0.967	-0.022
	Downwind	0.038	0.020	1.02	
11:30	Upwind	0.065	0.039	0.967	-0.020
	Downwind	0.045	0.020	4.14	
12:30	Upwind	0.066	0.039	0.967	-0.018
	Downwind	0.048	0.020	4.14	
December 5, 2012					
	Dust Tract	Average	Minimum	Maximum	Differential (Down-Up)
7:40	Upwind	0.021	0.019	0.029	-0.016
	Downwind	0.005	0.002	0.117	
8:40	Upwind	0.019	0.018	0.029	-0.013
	Downwind	0.006	0.001	5.59	
9:40	Upwind	0.020	0.018	0.029	0.030
	Downwind	0.050	0.001	5.59	
10:40	Upwind	0.020	0.018	0.036	-0.015
	Downwind	0.005	0.001	5.59	
11:40	Upwind	0.021	0.018	0.036	-0.015
	Downwind	0.006	0.001	5.59	
12:40	Upwind	0.021	0.018	0.038	-0.015
	Downwind	0.006	0.001	5.59	
13:40	Upwind	0.021	0.018	0.117	-0.014
	Downwind	0.007	0.001	5.59	
14:40	Upwind	0.022	0.018	0.117	-0.015
	Downwind	0.007	0.001	5.59	

Notes:

1. Data presented in milligrams per cubic meter (mg/m^3) of total dust.

Figures

Figure 1: Site Locus

Figure 2: Site Schematic

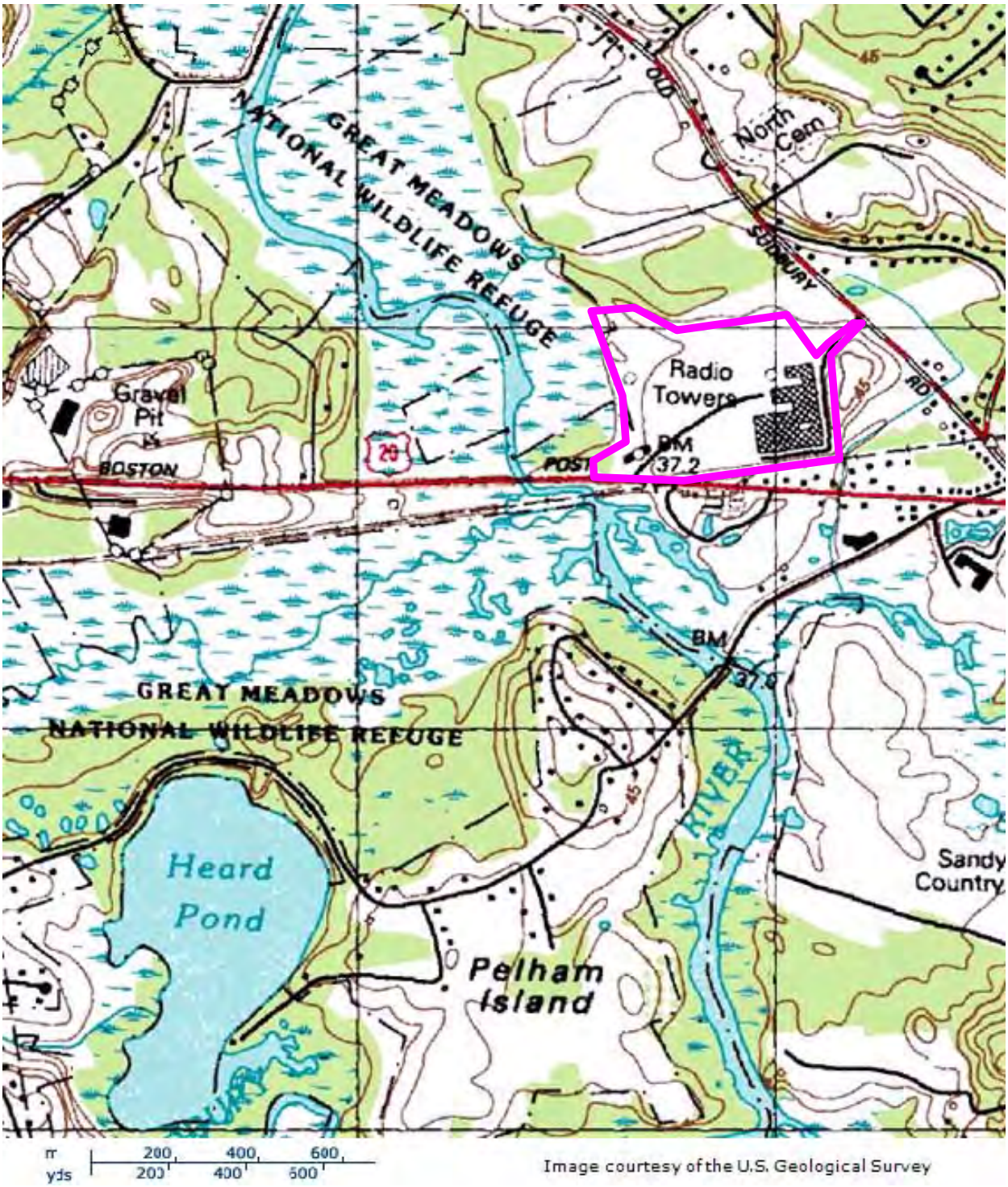


Image courtesy of the U.S. Geological Survey

USGS Topographic Map, 1987
Wayland, MA Quadrangle
Contour Interval: As Shown

N

SITE LOCUS MAP

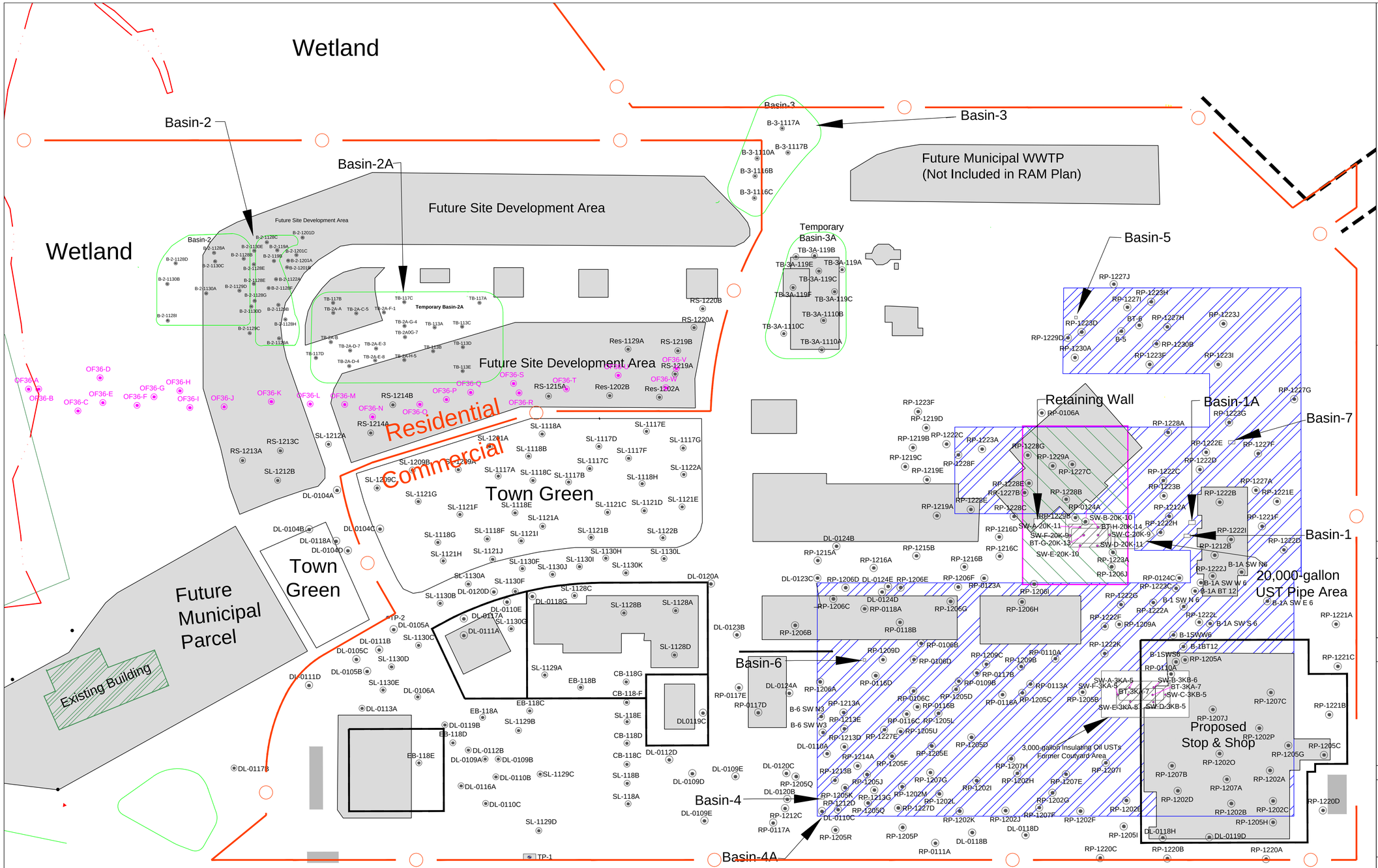
Former Raytheon Facility
430 Boston Post Road
Wayland, MA

SCALE: AS SHOWN

July 2011

VERTEX Proj. No. 19163

VERTEX
Environmental Services, Inc.
FIGURE NO. 1



LEGEND

- Proposed Building
- Former Raytheon Building
- Former 20,000 gallon UST AUL Area
- Proposed Future Site Development Area
- Approximate Sample Location
- Approximate UST Sample Location
- Approximate Test Pit Location
- Approximate Location of Residential and Commercial Line

NOT TO SCALE

VERTEX
Environmental Services, Inc.
VERTEX@vertexeng.com
Boston Denver San Francisco

Project: Former Raytheon Facility
430 Boston Post Road
Wayland, MA

Drawing Title:
Site Schematic - Approximate Sample Locations

Date:
January 2013

Figure No:
2

Job Number:
19163

Notes: Plan based upon RJ O'Connel and Associates Wayland Town Center Site Plan C-3, Phase I Plan Application Drawings
Locations are approximate

Appendix A: Notice of Activity and Use Limitation

2011 01502824
Bk: 1307 Pg: 76 Cert#: 234881
Doc: NOT 12/21/2011 01:01 PM

RECORDING INFORMATION AREA

Form 1075

NOTICE OF ACTIVITY AND USE LIMITATION
M.G.L. c. 21E, § 6 and 310 CMR 40.0000

Disposal Site Name: Former Raytheon Facility, 430 Boston Post Road, Wayland, MA
DEP Release Tracking Nos.: 3-13302 & 3-22408

This Notice of Activity and Use Limitation ("Notice") is made as of this 21ST day of DECEMBER 2011, by Twenty Wayland, LLC, a Massachusetts limited liability company, with an address care of KGI Properties, LLC, 10 Memorial Blvd, Ste 901, Providence, RI 02903, and Wayland Town Center LLC, a Delaware limited liability company, with an address care of KGI Properties, LLC, 10 Memorial Blvd., Suite 901, Providence, RI 02903, together with their successors and assigns (collectively "Owner").

W I T N E S S E T H:

WHEREAS, Twenty Wayland, LLC and Wayland Town Center LLC collectively are the owners in fee simple of that certain parcel of land located at 400-440 Boston Post Road in Wayland, Middlesex County, Massachusetts, with the buildings and improvements thereon ("Property") pursuant to a deed to Twenty Wayland, LLC recorded with the Middlesex County (South) Registry of Deeds in Book 45981, Page 177 and filed with the Middlesex County (South) Registry District of the Land Court as Document No. 1386382 (see Certificate of Title No. 234881), and a deed of a portion of said land by Twenty Wayland, LLC to Twenty Wayland Commercial LLC recorded with the Middlesex County (South) Registry of Deeds in Book 57767, Page 545, and a subsequent deed of such portion of said land from Twenty Wayland Commercial LLC to Wayland Town Center LLC recorded with the Middlesex County (South) Registry of Deeds in Book 57767, Page 547.

WHEREAS, the Property is more particularly bounded and described in Exhibit A, attached hereto and made a part hereof. The Property is shown on a sketch plan attached hereto (titled, "Exhibit A: Sketch Plan") and filed herewith for registration with the

234881-1307-76

Middlesex County (South) Registry District of the Land Court and recorded herewith with the Middlesex County (South) Registry of Deeds.

WHEREAS, a portion of the Property is subject to this Notice of Activity and Use Limitation ("Portion of the Property"). The Portion of the Property is more particularly bounded and described in Exhibit A-1, attached hereto and made a part hereof. The Portion of the Property is shown on a plan recorded with the Middlesex County (South) Registry of Deeds in Plan ~~Book~~ Leaf 2011, Plan 860, and on a sketch plan attached hereto (titled, "Exhibit A-1: Sketch Plan") and filed herewith for registration and recorded herewith.

WHEREAS, the Property comprises part of a disposal site as the result of a release of oil and/or hazardous material. Exhibit B is a sketch plan showing the relationship of the Portion of the Property subject to this Notice of Activity and Use Limitation to the boundaries of said disposal site existing within the limits of the Property and to the extent such boundaries have been established. Exhibit B is attached hereto and made a part hereof.

WHEREAS, one or more response actions have been selected for the Property in accordance with M.G.L. c. 21E ("Chapter 21E") and the Massachusetts Contingency Plan, 310 CMR 40.0000 ("MCP"). Said response actions are based upon (a) the restriction of human access to and contact with oil and/or hazardous material in soil and/or groundwater and/or (b) the restriction of certain activities occurring in, on, through, over or under the Property. The basis for such restrictions is set forth in an Activity and Use Limitation Opinion ("AUL Opinion"), dated DECEMBER 14, 2011 (which is attached hereto as Exhibit C and made a part hereof).

NOW, THEREFORE, notice is hereby given that the activity and use limitations set forth in said AUL Opinion are as follows:

1. Activities and Uses Consistent with the AUL Opinion. The AUL Opinion provides that a condition of No Significant Risk to health, safety, public welfare or the environment exists for any foreseeable period of time (pursuant to 310 CMR 40.0000) so long as any of the following activities and uses occur on the Portion of the Property:

   (i) The Portion of the Property may be used for passive recreation;

   (ii) The Portion of the Property may be used for commercial/industrial uses;

   (iii) Such other activities or uses which, in the opinion of an LSP, shall present no greater risk of harm to health, safety, public welfare or the environment than the activities and uses set forth in this Paragraph; and

   (iv) Such other activities and uses consistent with those set forth in this

Paragraph and not expressly prohibited by this Notice.

2. Activities and Uses Inconsistent with the AUL Opinion. Activities and uses which are inconsistent with the objectives of this Notice of Activity and Use Limitation, and which, if implemented at the Portion of the Property, may result in a significant risk of harm to health, safety, public welfare or the environment or in a substantial hazard, are as follows:

   (i) Residential, with the exception of up to 12 units on the second floor of a building located in the "Building 2F Building Envelope," as shown on Exhibit D, so long as there is an appropriate sub-slab vapor barrier installed;

   (ii) Childcare, daycare, agricultural, horticultural, or gardening, unless previously approved by the LSP in accordance with the obligations and conditions set forth in the AUL Opinion;

   (iii) Groundwater withdrawal or use except for assessment or remedial purposes;

   (iv) Septic systems unless previously approved by the LSP in accordance with the obligations and conditions set forth in the AUL Opinion;

   (v) Other activities or uses that, in the opinion of the LSP, would likely result in significant risk from exposures to oil and/or hazardous material if such activities or uses were to take place on the Portion of the Property.

3. Obligations and Conditions Set Forth in the AUL Opinion. If applicable, obligations and/or conditions to be undertaken and/or maintained at the Portion of the Property to maintain a condition of No Significant Risk as set forth in the AUL Opinion shall include the following:

   (i) Certification in the form of documentation bearing the original signature, date and Seal of the LSP must be obtained by the Owner prior to implementation of the following activities and uses:

      a) Expansion or relocation of existing buildings;

      b) Use of the Portion of the Property for residential, childcare, daycare, recreational, agricultural, horticultural, or gardening activities, or for unrestricted public access;

      c) Subsurface activities, including excavation or new construction below grade; and

d) Land development or construction involving changes in surface conditions (i.e., topography, surface cover, etc.), including installation of pavement or building foundations;

(ii) Parties conducting activities and uses described in Section 1 above, that, in the opinion of the LSP, may include disturbance of contaminated media, waste or debris, or that could render subsurface contaminated media, waste or debris accessible to exposure, shall submit, for approval by the LSP, a contingency plan for the management of contaminated media, waste or debris, if encountered, including:

a) Procedures for monitoring of contaminated media, waste or debris;

b) Procedures for notification to the LSP of the discovery of contaminated media, waste or debris;

c) A certification that all response actions will be conducted under the supervision of the LSP;

d) A soils management plan including contingencies for handling contaminated soil and/or groundwater if activities may extend below the water table;

e) A certification that response personnel will comply with applicable safety regulations, including 29 CFR 1910.120; and

f) A certification that contaminated waste, debris or media or remediation waste (pursuant to 310 CMR 40.0000) generated by such activities shall be handled, stored, transported and disposed in accordance with the applicable federal, state and local regulations;

(iii) The responsible parties and their representatives shall be granted unrestricted access to the Property in order to conduct any and all activities associated with the performance of response actions as defined under the MCP, or any other applicable regulation;

4. Proposed Changes in Activities and Uses. Any proposed changes in activities and uses at the Property which may result in higher levels of exposure to oil and/or hazardous material than currently exist shall be evaluated by an LSP who shall render an opinion, in accordance with 310 CMR 40.1080 *et seq.*, as to whether the proposed changes will present a significant risk of harm to health, safety, public welfare or the environment. Any and all requirements set forth in

the opinion to meet the objective of this Notice shall be satisfied before any such activity or use is commenced.

5. Violation of a Response Action Outcome. The activities, uses and/or exposures upon which this Notice is based shall not change at any time to cause a significant risk of harm to health, safety, public welfare, or the environment or to create substantial hazards due to exposure to oil and/or hazardous material without the prior evaluation by an LSP in accordance with 310 CMR 40.1080 *et seq.*, and without additional response actions, if necessary, to achieve or maintain a condition of No Significant Risk or to eliminate substantial hazards.

   If the activities, uses, and/or exposures upon which this Notice is based change without the prior evaluation and additional response actions determined to be necessary by an LSP in accordance with 310 CMR 40.1080 *et seq.*, the owner or operator of the Property subject to this Notice at the time that the activities, uses and/or exposures change, shall comply with the requirements set forth in 310 CMR 40.0020.

6. Incorporation Into Deeds, Mortgages, Leases, and Instruments of Transfer. This Notice shall be incorporated either in full or by reference into all future deeds, easements, mortgages, leases, licenses, occupancy agreements or any other instrument of transfer, whereby an interest in and/or a right to use the Property or a portion thereof is conveyed. All exhibits attached hereto are hereby incorporated herein by reference.

   Owner hereby authorizes and consents to the filing and recordation and/or registration of this Notice, said Notice to become effective when executed under seal by the undersigned LSP, and recorded and/or registered with the appropriate Registry of Deeds and/or Land Registration Office.

[Remainder of page intentionally left blank; signature blocks follow on next page]

WITNESS the execution hereof under seal this 31 day of October, 2011.

Owner:

TWENTY WAYLAND, LLC

By:_____
Anthony J. DeLuca, Manager and Authorized Signatory

WAYLAND TOWN CENTER LLC

By:_____
Anthony J. DeLuca, Authorized Signatory

STATE OF RHODE ISLAND
~~COMMONWEALTH OF MASSACHUSETTS~~

Providence, ss.

On this 31 day of October, 2011, before me, the undersigned, a Notary Public, personally appeared Anthony J. DeLuca, and proved to me through satisfactory evidence of identification, which was a MA. driver's license, to be the person whose name is signed on the preceding document, and acknowledged to me that he signed it voluntarily for its stated purpose, as Manager and Authorized Signatory of Twenty Wayland, LLC.

_____
Notary Public: Scott Joseph Summer
My Commission Expires: 7-11-13
[SEAL]

STATE OF RHODE ISLAND
~~COMMONWEALTH OF MASSACHUSETTS~~

Providence, ss.

On this 31 day of October, 2011, before me, the undersigned, a Notary Public, personally appeared Anthony J. DeLuca, and proved to me through satisfactory evidence of identification, which was a MA driver's license, to be the person whose name is signed on the preceding document, and acknowledged to me that he signed it voluntarily for its stated purpose, as Authorized Signatory of Wayland Town Center LLC.

C. David DeLuca Jr.
Notary Public:
My Commission Expires: 7-11-13

[SEAL]

The undersigned LSP hereby certifies that he executed the aforesaid Activity and Use Limitation Opinion attached hereto as Exhibit C and made a part hereof and that in his opinion this Notice of Activity and Use Limitation is consistent with the terms set forth in said Activity and Use Limitation Opinion.

LSP OF RECORD

Date: 12/14, 2011

John C. Drobinski, LSP Reg. No. 2196
[LSP SEAL]

COMMONWEALTH OF MASSACHUSETTS

Middlesex, ss

On this 14TH day of December, 2011, before me, the undersigned notary public, personally appeared John C. Drobinski, proved to me through satisfactory evidence of identification, which were personally known, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he signed it voluntarily for its stated purpose.

Mary A. McCormack
Notary Public: MARY A. McCORMACK
My Commission Expires: 8/3/18
[SEAL]

Upon recording, return to:
BALLEMANN, SAWIEZ & BREWSTER
1140 FEDERAL STREET
BOSTON, MA. 02110
ATTN D.J. OSSOFF

MARY A. MCCORMACK
Notary Public
Commonwealth of Massachusetts
My Commission Expires
August 3, 2018

EXHIBIT A

Description of the Property owned by Twenty Wayland, LLC

The following described land situated in Wayland, Middlesex County, Massachusetts, and bounded and described as follows:

Parcel One:

The land in said Wayland situated on the westerly side of Sudbury Road, being that parcel of land enclosed by lines and marked "A" on a plan by Rowland H. Barnes & Co., C.E.'s dated December, 1940 on file at the Engineers' Office for the Land Court in Boston, said plan being Plan #17983A, filed with Certificate #49312, Book 326, Page 97, in the South Registry District for Middlesex County, said parcel being bounded and described as follows:

NORTHEASTERLY	by the westerly side of Sudbury Road, 931.66 feet;
SOUTHERLY	by land formerly of Grace A. and Blanche E. Heard, 413.88 feet;
EASTERLY	by land formerly of said Heard, 162.99 feet;
SOUTHERLY	by land formerly of Wentzel, 1,017.69 feet;
WESTERLY	by land formerly of Wentzel, 211.30 feet;
SOUTHERLY	by land formerly of Wentzel, 622.50 feet;
WESTERLY	by land of Mainstone Farm Trust, 328.00 feet;
SOUTHERLY	again by land of said Trust, 842 plus or minus feet;
WESTERLY	by Sudbury River; and
NORTHERLY	by land now or formerly of Ruth N. Burbank, 2,185 plus or minus feet.

Meaning and intending to describe the remaining portion of parcel "A," being Lot 1 on Land Court Plan #17983G dated May 29, 2000, revised August, 2000.

Cert# 234881

Parcel Two

A certain parcel of land shown as Lots "B" and "C" on a Plan of Land in Wayland-Mass., Scale 1" = 100', May 14, 1954, Albert A. Miller, Wilbur C. Nylander, Civil Engr's & Surveyors - Lexington, Mass., recorded with Middlesex South District Registry of Deeds as Plan #763 of 1954, Book 8256, Page 439 and together bounded as follows:

NORTHEASTERLY by Sudbury Road by two lines measuring together 429 and 54/100 feet;

SOUTHEASTERLY by land shown on said plan as Audrey A. and Natile K. Bill by the middle of a brook 403 and 75/100 feet;

NORTHEASTERLY by the same 250 and 49/100 feet;

SOUTHERLY by land or location of Boston & Maine Railroad as shown on said plan by six lines measuring together 2,064 and 94/100 feet and by State Highway (Route 20) 438 and 92/100 feet;

WESTERLY by land shown on said plan as Town of Wayland 48 and 53/100 feet;

SOUTHERLY by the same 117 and 21/100 feet;

WESTERLY by land shown on said plan as Commonwealth of Massachusetts 1 and 37/100 feet;

SOUTHERLY by the same 123 and 73/100 feet;

NORTHERLY by land shown on said plan as Mainstone Farm Trust 549 and 52/100 feet and by land formerly of Joseph H. Decatur by two lines measuring together 622 and 50/100 feet;

NORTHEASTERLY and NORTHERLY by land formerly of Martin Cerel and David Yorks by eight lines shown on said plan as a stone wall measuring together 1,228 and 99/100 feet;

EASTERLY by land formerly of Blanche E. Heard and shown as "Parcel A" on said plan 20 and 00/100 feet;

NORTHERLY by the same 499 and 89/100 feet.

Parcel Three:

A certain parcel of land shown as Lot "A" on said Plan of Land in Wayland – Mass., Scale 1" = 100', May 14, 1954, Albert A. Miller, Wilbur C. Nylander, Civil Engr's & Surveyors - Lexington, Mass., and bounded as follows:

NORTHEASTERLY by Sudbury Road by two lines measuring together 192 and 87/100 feet;

SOUTHERLY by land formerly of Herbert S. Wentzel and Mary E. Wentzel, shown on said plan and Parcel "B" 499 and 89/100 feet;

WESTERLY by land formerly of said Wentzel, 20 and 00/100 feet and by land formerly of Martin Cerel and David Yorks by a line as shown on said plan as a stone wall 182 and 99/100 feet;

NORTHERLY by land of the same 413 and 88/100 feet.

Parcel Four:

A certain parcel of land situated in said Wayland bounded and described as follows:

Beginning on land of the Boston & Maine Railroad and at other land formerly of Raytheon Manufacturing Company at a point 41 and 25/100 feet northerly from Station 699 plus 00 on the center line of location of the Central Massachusetts Branch of said Boston & Maine Railroad, measuring at rights angles thereto, thence running South 80° 25' 30" West by said other land of said Railroad 627 and 50/100 feet to a point at said land formerly of Raytheon Manufacturing Company; thence turning and running by said last-mentioned land on three courses as follows: North 73° 07' 40" East 204 and 66/100 feet, North 78° 40' 30" East 239 and 11/100 feet and South 89° 24' East 188 and 47/100 feet to the point of beginning, be all of said measurements more or less, said parcel containing about 12,811 square feet and being shown upon plan marked "Land in Wayland, Mass. Boston & Maine Railroad - To - Raytheon Manufacturing Company J.F. Kerwin, Eng'r of Design, April, 1955" recorded with Middlesex South Registry of Deeds as Plan #1721 of 1955 in Book 8562, Page 316.

Excepting and excluding the following parcels of land:

Parcel A shown on Land Court Plan No. 17983-G dated May 29, 2000, revised August 25, 2000. = 4,586, see De-Reg, Doc # 1500461

Lot 2 and Lot 3 shown on Land Court Plan No. 17983-G dated May 29, 2000, revised August 25, 2000.

De-Reg Lot 2 1530898

Lot AB-1 shown on plan dated May 1, 2000, and recorded as Plan No. 1426 of 2000 in Book 32174, Page 142.

A certain parcel acquired by the Town of Wayland by an Order of Taking filed with the Middlesex South Registry District of the Land Court as Document No. 1558125.

All of the above also being more particularly bounded and described as follows:

A certain parcel of Registered and Unregistered land situated on the northerly side of Boston Post Road in the Town of Wayland, County of Middlesex, Commonwealth of Massachusetts, bounded and described as follows:

Beginning at a point in the northerly line of Boston Post Road (Route 20) at the intersection of the northerly line of the former railroad N/F of the MBTA: thence

N 74°46'46" W	a distance of four hundred thirty eight and ninety-two hundredths feet (438.92') by the said northerly line of Boston Post Road to a point; thence
N 15°13'14" E	a distance of forty-eight and sixty three hundredths feet (48.63') to a point; thence
N 74°46'46" W	a distance of one hundred seventeen and twenty-one hundredths feet (117.21') to a point; thence
N 15°13'14" E	a distance of one and thirty-seven hundredths feet (1.37') to a point; thence

N 74°46'46" W	a distance of one hundred twenty three and seventy-three hundredths feet (123.73') to a point; thence
N 71°29'32" E	a distance of five hundred forty nine and seventy-eight hundredths feet (549.78') to a point; thence
N 11°48'20" W	a distance of three hundred twenty eight and no hundredths feet (328.00') to a point; thence
S 71°01'00" W	a distance of eight hundred forty two feet, more or less (842') to a point at the Sudbury River; thence
Northerly	a distance of seven hundred sixty two feet, more or less (762') by the Sudbury River to a point; thence
N 80°45'43" E	a distance of one thousand one hundred seventy nine feet, more or less (1179') to a point; thence
S 33°00'48" E	a distance of four hundred sixty six and twenty four hundredths feet (466.24') to a point; thence
S 86°08'20" E	a distance of seven hundred thirty six and twenty four hundredths feet (736.24') to a point; thence
S 42°30'55" E	a distance of one hundred ninety and sixty hundredths feet (190.60') to a point; thence
N 59°03'55" E	a distance of three hundred fifty and eighty eight hundredths feet (350.88) to a point; thence
Northerly	and curving to the left along the arc of a curve having a radius of fifteen and no hundredths feet (15.00'), a distance of twenty four and eleven hundredths feet (24.11') to a point in the southwesterly line of Old Sudbury Road; thence
S 33°00'47" E	a distance of ninety and three hundredths feet (90.03') by the said southwesterly line of Old Sudbury Road to a point; thence
Westerly	and curving to the left along the arc of a curve having a radius of fifteen and no hundredths feet (15.00'), a distance of twenty three and two hundredths feet (23.02') to a point; thence
S 59°03'55" W	a distance of three hundred forty one and eighty six hundredths feet (341.86') to a point; thence
S 42°30'55" E	a distance of sixty three and forty hundredths feet (63.40') to a point; thence
S 03°51'08" W	a distance of seven hundred ninety three and sixty five hundredths feet (793.65') to a point in the northerly line of the Massachusetts Bay Transportation Authority; thence
N 86°09'36" W	a distance of one thousand five hundred thirty four and eighty three hundredths feet (1534.83') by the said northerly line of the M.B.T.A. to the point of beginning.

The above described parcel of land contains an area of 56.9 acres, more or less.

Excluded from the above described premises is a certain parcel of land shown as "N/F Town of Wayland, Parcel A" as shown on Plan No. 1206 of 1999. Said Parcel A was acquired by the town of Wayland by an Order of Taking filed as L.C. Document # 1122165, recorded in Deed Book 30797, Page 5. Said Parcel A which lies completely within the previously described parcel and consists of the existing sewer treatment plant, is bounded and described as follows:

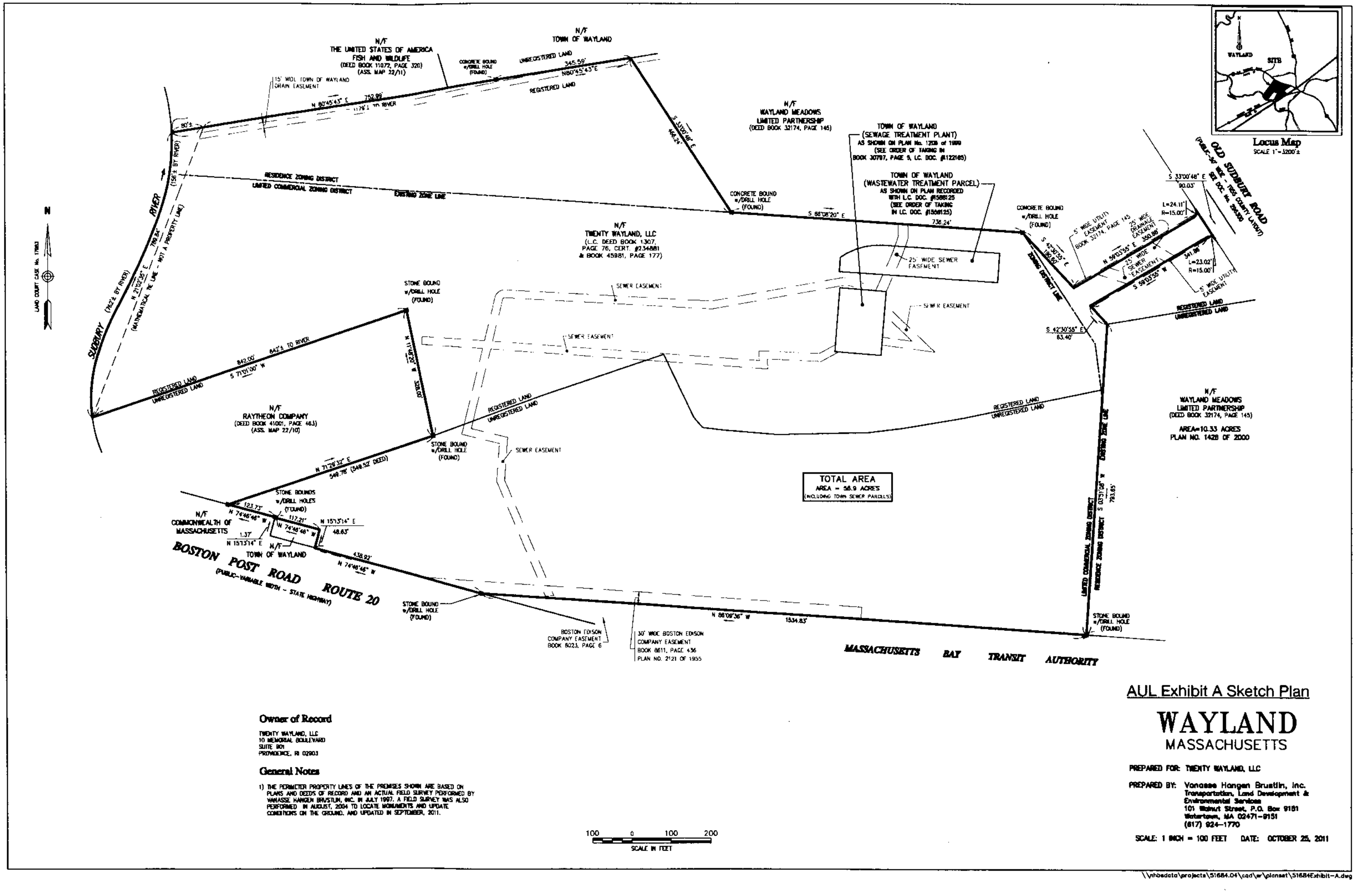
Beginning at a point at the northwesterly corner of the hereinafter described premises, said point being located S 86° 08' 20" E a distance of two hundred eighty nine and thirty seven hundredths feet (289.37') and thence S 04° 38' 36" W a distance of one hundred seventy two and seventy four hundredths feet (172.74') from a concrete bound w/ drill hole set at a northerly corner of the aforementioned described premises; thence

S 85°21'24" E	a distance of one hundred seventeen and no hundredths feet (117.00') to a point; Thence
S 04°38'36" W	a distance of one hundred sixty three and no hundredths feet (163.00') to a point; Thence
N 85°21'24" W	a distance of one hundred seventeen and no hundredths feet (117.00') to a point; Thence
N 04°38' 36" E	a distance of one hundred sixty three and no hundredths feet (163.00') to the point of beginning.

The above described premises contains an area of 19,071 square feet.

Also excluded from the above described premises is a certain parcel acquired by the Town of Wayland by an Order of Taking filed as L.C. Document # 1558125.

[End]



Owner of Record

TWENTY WAYLAND, LLC
10 MEMORIAL BOULEVARD
SUITE 801
PROVIDENCE, RI 02903

General Notes

1) THE PERIMETER PROPERTY LINES OF THE PREMISES SHOWN ARE BASED ON PLANS AND DEEDS OF RECORD AND AN ACTUAL FIELD SURVEY PERFORMED BY VANASSE HANGEN BRUSTLIN, INC. IN JULY 1997. A FIELD SURVEY WAS ALSO PERFORMED IN AUGUST, 2004 TO LOCATE MONUMENTS AND UPDATE CONDITIONS ON THE GROUND, AND UPDATED IN SEPTEMBER, 2011.

AUL Exhibit A Sketch Plan

WAYLAND
MASSACHUSETTS

PREPARED FOR: TWENTY WAYLAND, LLC

PREPARED BY: Vanasse Hangen Brustlin, Inc.
Transportation, Land Development & Environmental Services
101 Walnut Street, P.O. Box 9151
Watertown, MA 02471-9151
(617) 924-1770

SCALE: 1 INCH = 100 FEET DATE: OCTOBER 25, 2011

\\vhbsdata\projects\51684.04\cad\sr\planset\51684Exhibit-A.dwg

EXHIBIT A-1

Description of Portion of the Property

subject to this Notice of Activity and Use Limitation

A certain parcel of land located on the property owned now or formerly by Twenty Wayland, LLC situated northerly of Boston Post Road (Route 20) and westerly of Old Sudbury Road (Route 27) in the Town of Wayland, County of Middlesex, Commonwealth of Massachusetts, bounded and described as follows:

Beginning at a stone bound found on the northerly side of Boston Post Road (Route 20) at the intersection of the northerly line of the railroad right of way now or formerly of the Massachusetts Bay Transit Authority; thence

N 55°10'40" E	a distance of One Hundred Four and Seventy Hundredths feet (104.70') to a point; thence
N 03°50'24" E (52.87')	a distance of Fifty Two and Eighty Seven Hundredths feet to a point; thence
Northerly	and curving to the right along the arc of a curve having a radius of Two Hundred Thirty Three and Zero Hundredths feet (233.00'), a length of One Hundred Twelve and Forty Two Hundredths feet (112.42') to a point; thence
Northeasterly	and curving to the right along the arc of a curve having a radius of One Hundred Twenty Nine and Ninety Five Hundredths feet (129.95') , a length of Seventy Three and Forty Hundredths feet (73.40') to a point; thence
N 63°50'24" E	a distance of One Hundred Nine and Sixty Three Hundredths feet (109.63') to a point; thence
N 26°09'36" W	a distance of Thirty Six and Seventy Nine Hundredths feet (36.79') to a point; thence
Northerly	and curving to the right along the arc of a curve having a radius of Four Hundred Sixty Two and Sixty One Hundredths feet (462.61'), a length of One Hundred Sixty One and Five Hundredths feet (161.05') to a point; thence

N 71°03'32" E	a distance of Forty Six and Seventy Two Hundredths feet (46.72') to a point; thence
N 76°50'11" E	a distance of Two Hundred Sixteen and Two Hundredths feet (216.02') to a point; thence
Easterly	and curving to the right along the arc of a curve having a radius of One Hundred Eleven and Thirty Six Hundredths feet (111.36'), a length of Thirty Three and Thirteen Hundredths feet (33.13') to a point; thence
S 86°09'36" E	a distance of Two Hundred Nine and Forty Three Hundredths feet (209.43') to a point; thence
Northerly	and curving to the right along the arc of a curve having a radius of Five Hundred Twenty and Zero Hundredths feet (520.00'), a length of Two Hundred Fifty One and Eighty Three Hundredths feet (251.83') and a chord length of Two Hundred Forty Nine and Thirty Eight Hundredths feet (249.38') with a chord bearing of N 19°33'54" E to a point; thence
N 03°50'24" E	a distance of One Hundred Nineteen and Thirty Eight Hundredths feet (119.38') to a point; thence
N 86°08'20" W	a distance of Eight Hundred Seventy Five and Thirty One Hundredths feet (875.31) to a point; thence
S 06°55'42" W	a distance of Five Hundred Fifteen and Fifteen Hundredths feet (515.15) to a point at land now or formerly of Raytheon Company; thence
N 11°48'20" W	a distance of Two Hundred Seventy and Seventy Six Hundredths feet (270.76') to a stone bound; thence
S 71°01'00" W	a distance of Eight Hundred Forty Two feet more or less (842'+/-) to a point along the easterly edge of the Sudbury River (the previous two (2) courses are by said land of Raytheon Company); thence
Northerly	along said easterly edge of the Sudbury River a distance of Seven Hundred Sixty Two feet more or less (762'+/-) to a point at land now or formerly of The United States of America Fish and Wildlife; thence

N 80°45'43" E	by land of said United States of America Fish and Wildlife and land now or formerly of the Town of Wayland a distance of Eight Hundred Thirty Three feet more or less (833'+/-) to a concrete bound found; thence
N 80°45'43" E	continuing by said land of The Town of Wayland a distance of Three Hundred Forty Five and Fifty Nine Hundredths feet (345.59') to a point at land now or formerly of Wayland Meadows Limited Partnership; thence
S 33°00'48" E	a distance of Four Hundred Sixty Six and Twenty Four Hundredths feet (466.24') to a concrete bound found; thence
S 86°08'20" E	a distance of Seven Hundred Thirty Six and Twenty Four Hundredths feet (736.24') to a concrete bound found; thence
S 42°30'55" E	a distance of One Hundred Ninety and Sixty Hundredths feet (190.60') to a point; thence
N 59°03'55" E	a distance of One Hundred Nine and Eighty Six Hundredths feet (109.86') to a point (the previous four (4) courses are by said land of Wayland Meadows Limited Partnership); thence
S 03°51'48" W	through said land now or formerly of Twenty Wayland, LLC a distance of Seventy Three and Three Hundredths feet (73.03') to a point at other land now or formerly of Wayland Meadows Limited Partnership; thence
S 59°03'55" W	a distance of Fifty Five and Eighty Nine Hundredths feet (55.89') to a point; thence
S 42°30'55" E	a distance of Sixty Three and Forty Hundredths feet (63.40') to a point; thence
S 03°51'08" W	a distance of Seven Hundred Ninety Three and Sixty Five Hundredths feet (793.65') to a stone bound found along the northerly line of the railroad right of way now or formerly of the Massachusetts Bay Transit Authority (the previous three (3) courses are by said other land of Wayland Meadows Limited Partnership); thence

N 86°09'36" W	along said Northerly line of the railroad right of way a distance of One Thousand Five Hundred Thirty Four and Eighty Three Hundredths feet (1,534.83') to a point at the point of beginning.

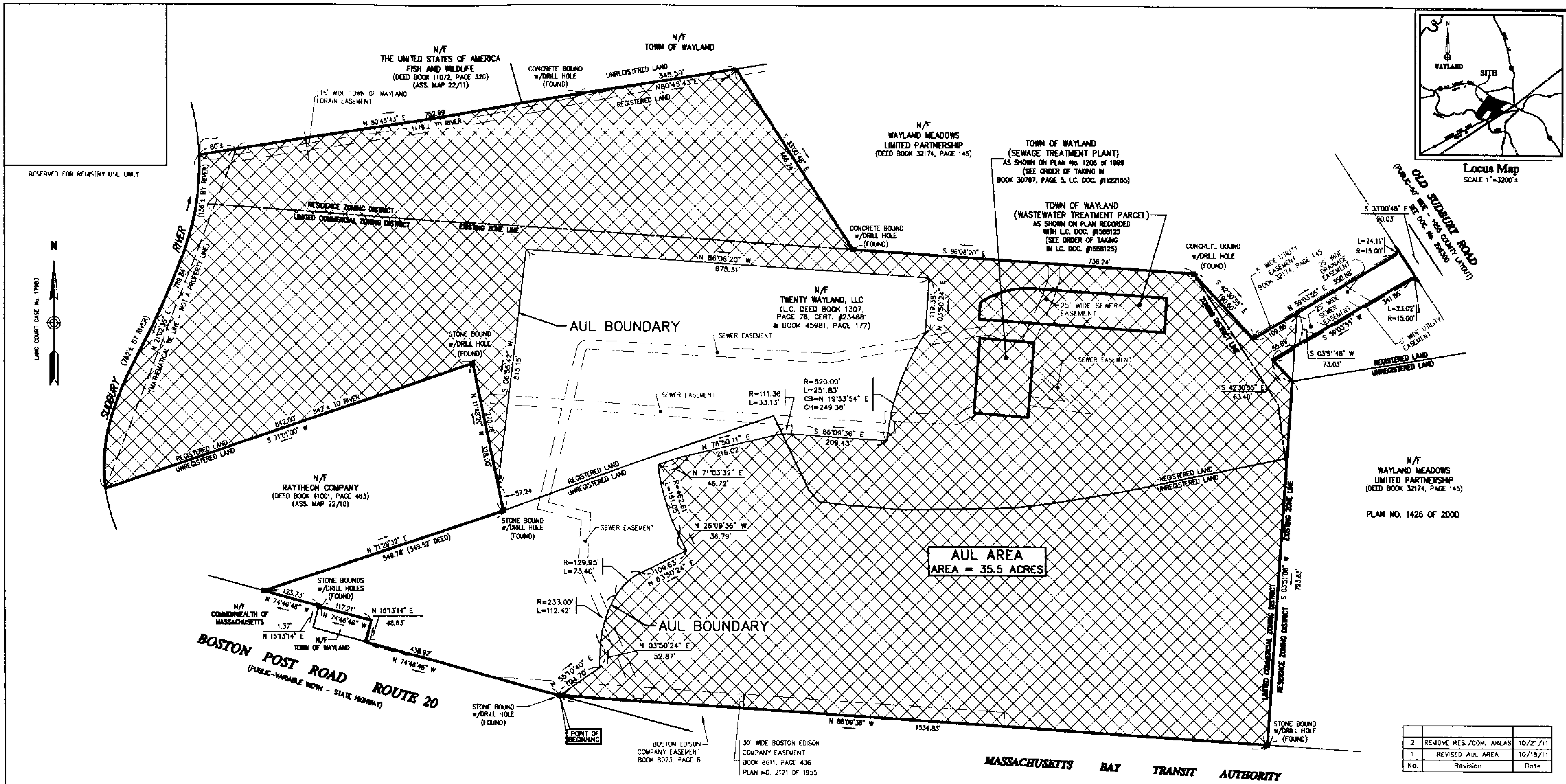
The above described parcel contains an area of 35.5 acres more or less.

EXHIBIT A-1: SKETCH PLAN

Sketch Plan of the Portion of the Property

subject to this Notice of Activity and Use Limitation

[SEE ATTACHED]



No.	Revision	Date
2	REMOVE RES./COM. AREAS	10/21/11
1	REVISED AUL AREA	10/18/11

AUL Exhibit A-1 Sketch Plan

ACTIVITY AND USE LIMITATION AREA PLAN

IN

WAYLAND

MASSACHUSETTS

PREPARED FOR: TWENTY WAYLAND, LLC

PREPARED BY: Vanasse Hangen Brustlin, Inc.
Transportation, Land Development & Environmental Services
101 Walnut Street, P.O. Box 9151
Watertown, MA 02471-9151
(617) 924-1770

SCALE: 1 INCH = 100 FEET DATE: SEPTEMBER 23, 2011

Owner of Record

TWENTY WAYLAND, LLC
10 MEMORIAL BOULEVARD
SUITE 901
PROVIDENCE, RI 02903

General Notes

1) THE PERIMETER PROPERTY LINES OF THE PREMISES SHOWN ARE BASED ON PLANS AND DEEDS OF RECORD AND AN ACTUAL FIELD SURVEY PERFORMED BY VANASSE HANGEN BRUSTLIN, INC. IN JULY 1997. A FIELD SURVEY WAS ALSO PERFORMED IN AUGUST, 2004 TO LOCATE MONUMENTS AND UPDATE CONDITIONS ON THE GROUND, AND UPDATED IN SEPTEMBER, 2011.

2) THE PURPOSE OF THIS PLAN IS TO DEPICT THE LIMITS OF THE AUL.

100 0 100 200
SCALE IN FEET

Certification

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE RULES AND REGULATIONS OF THE REGISTERS OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS.

I HEREBY CERTIFY THAT THIS PLAN SHOWS THE PROPERTY LINES THAT ARE THE LINES OF EXISTING OWNERSHIP'S, AND THE LINES OF STREETS AND WAYS SHOWN ARE THOSE OF PUBLIC OR PRIVATE STREETS OR WAYS ALREADY ESTABLISHED, AND THAT NO NEW LINES FOR DIVISION OF EXISTING OWNERSHIP OR FOR NEW WAYS ARE SHOWN. (MASS. GEN. LAWS CHAPTER 41, SEC. 81-X)

OCTOBER 25, 2011
DATE

GLEN JOHNSON, PLS #38709

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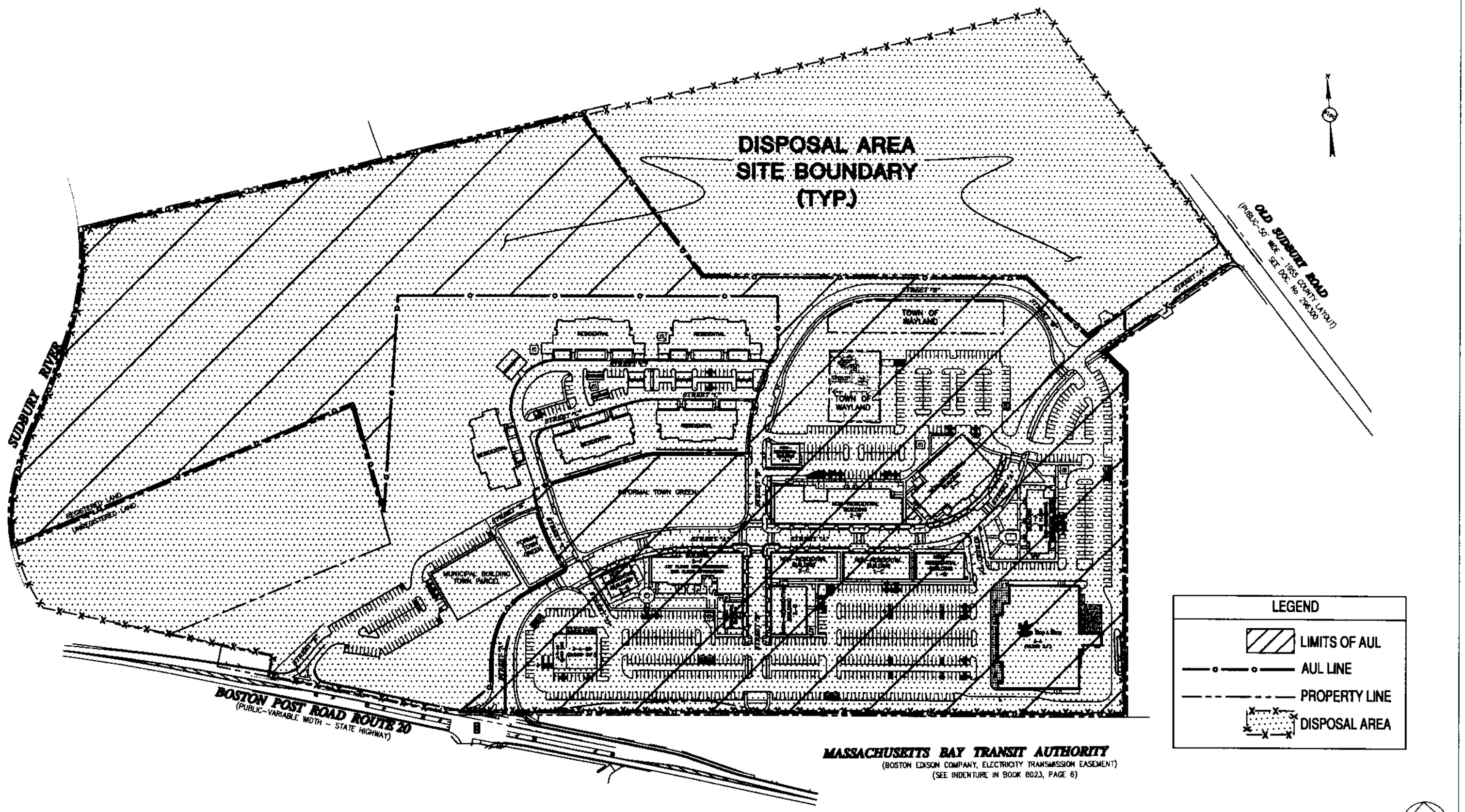
EXHIBIT B

Sketch plan showing the relationship of the Portion of the Property subject to this Notice of Activity and Use Limitation to the boundaries of the disposal site

[SEE ATTACHED]



ARROWSTREET
Architecture
Urban Design
Planning
Graphics and Interiors

RJ O'CONNELL & ASSOCIATES, INC.
Civil Engineers & Land Planners
ARCHITECTS

Proponent:

Twenty Wayland, LLC
10 MEMORIAL BOULEVARD
SUITE 901
PROVIDENCE, RI 02903

Project No:	RJOC 09032
Drawn By:	MCR
Checked By:	BPD
Issue Date:	20 SEPTEMBER 2011
Revision:	Date:
MISC. REVISIONS	10/21/11

Project:

Wayland Town Center

400 Boston Post Road
Wayland, Massachusetts

Drawing Title:

AUL Exhibit B

Drawing Number

SCALE 1" = 100'

EXHIBIT C

ACTIVITY & USE LIMITATION OPINION

BOSTON POST ROAD, WAYLAND, MASSACHUSETTS

This Activity and Use Limitation (AUL) Opinion is issued in support of the Notice of Activity and Use Limitation (Notice) filed on the parcels located at 430 Boston Post Road, Wayland, Massachusetts (the "Property"). Pursuant to 310 CMR 40.0000, this AUL Opinion describes the basis for restrictions in activities on, and uses of, the portion of the Property subject to the Notice and obligations and conditions to be undertaken and/or maintained to ensure protection of health, safety, public welfare and the environment. This AUL Opinion is certified by the Licensed Site Professional (LSP)-of-Record for Comprehensive Response Actions conducted in accordance with Permit No. 133939 for Release Tracking Number (RTN) 3-13302 and Permit No. W045278 for RTN 3-22408, issued under the authority of the Massachusetts Department of Environmental Protection (MassDEP), Bureau of Waste Site Cleanup.

1.0 PHYSICAL DESCRIPTION AND LAND USE

The subject lands (Exhibit A to Notice) are a portion of the entire Property which is an approximately 83-acre parcel located at 430 Boston Post Road in Wayland, Massachusetts (Lot 23-52 and Lot 23-52C). The Property consists of two lots and is bounded to the west by the Sudbury River and Lot 22-10, to the north by undeveloped land including the Great Meadows National Wildlife Refuge, to the east by Lots 23-52E through 23-52M, and to the South by Route 20/Boston Post Road and a Massachusetts Bay Transit Authority right-of-way.

Prior to 1955 the Property was a wetland, floodplain, and farmland. Subsequent to 1955, the Property was used as an engineering research and development facility that was decommissioned in 1995. Portions of the Property are currently a wetland and floodplain subject to the restrictions of the Wetlands Protection Act.

2.0 *BACKGROUND*

Releases of oil and/or hazardous materials (OHM) to soil and groundwater were discovered on the Property during decommissioning of the former Raytheon Company facility. Concentrations of OHM were discovered on the Property during environmental investigation for RTNs 3-13302 and 3-22408. Massachusetts General Law, Chapter 21E, requires assessment and, if necessary, remedial actions in accordance with requirements of the Massachusetts Contingency Plan (MCP) 310 CMR 40.0000.

The MCP process allows up to 5 years for completion of those phases of assessment and/or remediation that are necessary to achieve regulatory closure. Assessment and/or remediation activities are conducted as "Comprehensive Response Actions" under the direction of the LSP-of-Record. Upon satisfying all applicable MCP requirements, a Response Action Outcome (RAO) Statement, certified by the LSP, is filed with the MassDEP Bureau of Waste Site Cleanup, officially closing the site out of the MCP process. Once closure is obtained it is binding, subject, however, to MassDEP audit for up to 5 years from the date of filing.

3.0 *PURPOSE AND APPLICABILITY OF THE NOTICE OF ACTIVITY AND USE LIMITATION*

The purpose of the Notice is to record on the registered property deed those activities and land uses that are consistent with continued protection of health, safety, public welfare and the environment, and those that are specifically prohibited and obligations and conditions necessary to ensure continued protection.

The Notice is applicable to the portion of the Property (Portion of the Property) as defined in Exhibit A-1 to the Notice.

The Notice of AUL is recorded by the Property owner as a precautionary measure to ensure appropriate use of the Property. In all cases, the LSP shall review this Notice of AUL and, if appropriate, terminate or amend this Notice of AUL prior to approval and filing of a RAO for the Property, or any portion thereof. All approvals and opinions required by a LSP to maintain compliance with this Notice and AUL Opinion shall be restricted to the LSP-of-Record for Comprehensive Response Actions, and any termination or amendment of this Notice of AUL pursuant to the prior sentence shall be based upon an opinion of the LSP-of-Record, only.

4.0 SUMMARY OF PCB IMPACTS, REMEDIAL ACTION, AND USE RESTRICTIONS ON PROPERTY

A remedial action was implemented within the wetland portions of two parcels (Lot 23-52C and Lot 22-10) that comprise a portion of the Property and land adjacent to the Property. This remedial action consisted of excavating wetland soils for removal of polyaromatic hydrocarbons (PAHs) and associated petroleum hydrocarbons, polychlorinated biphenyls (PCBs), and heavy metals (chromium, copper, arsenic, silver, and lead). The remedial action activities are summarized below.

Pre-Excavation Extent and Concentrations of Contamination in Remediation Area

The primary source of impact to wetland sediments appeared to be historic releases of OHM to the storm water conveyance system, discharging at the storm water outfall OF-1. The primary contaminants of concern (COCs) identified in source structures (dry wells and manholes) connected to the storm water conveyance system included PAHs and associated petroleum hydrocarbons, PCBs, and heavy metals (chromium, copper, arsenic, silver, and lead). Evaluation of the average concentrations of primary COCs versus distance from the outfall indicated concentrations were highest near the outfall, decreasing sharply within 200 feet from the outfall and then approaching background near the Sudbury River. The vertical extent of impact appeared to be largely limited to the top 18 inches of sediment, although local variations were noted. The sediment layer is confined by an underlying, silt and clay unit beneath the wetland.

Correlation of areas impacted by COCs in sediment with the results of vegetative mapping and analysis of plant tissue defined an area of stunted vegetation estimated at approximately 0.6 acres. This condition constituted a condition of "readily apparent harm", defined by 310 CMR 40.0955(3) as "stressed vegetation attributable to Site OHM" and is

interpreted to reflect the toxicity of heavy metals (e.g., chromium) to plants.

Specific details regarding the remediation area for the Toxic Substance Control Act (TSCA; 40 CFR 750 and 761) were presented in the Application for Risk-Based Disposal Approval submitted on 23 December 2002 (revisions and additional information submitted on 3 April 2003, 8 May 2003, and 28 August 2003) and the Phase IV Remedy Implementation Plan dated 27 December 2002. The Application for Risk-Based Disposal was approved by the U.S. EPA in a letter dated 2 October 2003.

Description of Remedial Actions Undertaken in Remediation Area

Comprehensive Remedial Actions were completed from October 2003 through October 2004 on the Property. Remedial activities required the excavation of approximately 3,500 cubic yards of sediment material from an area of 0.9 acres on the Property to a depth of approximately 2.4 feet. Following verification sampling of the excavated area, engineered soil was brought in as fill and the remediation area was largely returned to its original grades. The total PCBs concentration remaining was calculated from the results of confirmation sampling by summing analytical detections of PCBs and substituting one-half the method detection limit for samples without detections.

Wetland restoration was completed on 20 February 2004 using the planting specifications submitted in the permit applications. Minor substitutions were made based on species availability at that time of year. All substitutions were made using comparable species and were planted in the same zones. Wetlands monitoring, along with additional plantings and invasive species control, continued through 2008.

Description of Use Restrictions for the Remediation Area

Remediation and restoration of the wetland area provides a level of protection to human health consistent with U.S. EPA guidance. It restores the affected Portion of the Property to a condition of "no significant risk", meets the MCP performance standards for filing a Response Action Outcome and represents a Permanent Solution for the affected Portion of the Property.

The U.S. EPA approval for risk-based PCB remediation contained a provision requiring a Deed Notice or AUL be applied to the Property.

5.0 PERMITTED ACTIVITIES AND USES SET FORTH IN THIS AUL OPINION

This AUL Opinion provides that a condition of No Significant Risk to health, safety, public welfare and the environment exists for any foreseeable period of time (pursuant to 310 CMR 40.0000) so long as any of the following activities and uses occur on the Portion of the Property:

(i) The Portion of the Property may be used for passive recreation;

(ii) The Portion of the Property may be used for commercial/industrial uses;

(iii) Such other activities or uses which, in the opinion of the LSP, shall present no greater risk of harm to health, safety, public welfare and the environment than the activities and uses set forth in this Paragraph;

(iv) Such other activities and uses consistent with those set forth in this Paragraph and not expressly prohibited by this Opinion.

6.0 ACTIVITIES AND USES INCONSISTENT WITH THIS AUL OPINION

Activities and uses which are inconsistent with the objectives of the Notice of Activity and Use Limitation, and which, if implemented at the Portion of the Property, may result in a significant risk of harm to health, safety, public welfare or the environment or in a substantial hazard, are as follows:

(i) Residential, with the exception of up to 12 units on the second floor of a building located in the "Building 2F Building Envelope" as shown on Exhibit D to the Notice, so long as there is an appropriate sub-slab vapor barrier installed;

(ii) Childcare, daycare, agricultural, horticultural, or gardening, unless previously approved by the LSP in accordance with the obligations and conditions set forth in this AUL Opinion;

(iii) Groundwater withdrawal or use on the Portion of the Property except for assessment or remedial purposes;

(iv) Septic systems unless previously approved by the LSP in accordance with the obligations and conditions set forth in this AUL Opinion;

(v) Other activities or uses that, in the opinion of the LSP, would likely result in significant risk from exposures to oil and/or hazardous material if such activities or uses were to take place on the Portion of the Property.

7.0 OBLIGATIONS AND CONDITIONS SET FORTH IN THIS AUL OPINION

If applicable, obligations and/or conditions to be undertaken and/or maintained at the Portion of the Property to maintain a condition of No Significant Risk as set forth in this AUL Opinion shall include the following:

(i) Certification in the form of documentation bearing the original signature, date and Seal of the LSP must be obtained by the Owner prior to implementation of the following activities and uses:

a) Expansion or relocation of existing buildings;

b) Use of the Portion of the Property for residential, childcare, daycare, recreational, agricultural, horticultural, or gardening activities, or for unrestricted public access;

c) Subsurface activities, including excavation or new construction below grade; and

d) Land development or construction involving changes in surface conditions (i.e., topography, surface cover, etc.), including installation of pavement or building foundations;

(ii) Parties conducting activities and uses described in 5.0 above, that, in the opinion of the LSP, may include disturbance of contaminated media, waste or debris, or that could render subsurface contaminated media, waste or debris accessible to exposure, shall submit, for approval by the LSP, a contingency plan for the management of contaminated media, waste or debris, if encountered, including:

a) Procedures for monitoring of contaminated media, waste or debris;

b) Procedures for notification to the LSP of the discovery of contaminated media, waste or debris;

c) A certification that all response actions will be conducted under the supervision of the LSP;

d) A soils management plan including contingencies for handling contaminated soil and/or groundwater if activities may extend below the water table;

e) A certification that response personnel will comply with applicable safety regulations, including 29 CFR 1910.120; and

f) A certification that contaminated waste, debris or media or remediation waste (pursuant to 310 CMR 40.0000) generated by such activities shall be handled, stored, transported and disposed in accordance with the applicable federal, state and local regulations;

(iii) The responsible parties and their representatives shall be granted unrestricted access to the Property in order to conduct any and all activities associated with the performance of response actions as defined under the MCP, or any other applicable regulation.

8.0 CERTIFICATION

The undersigned LSP-of-Record hereby certifies that the terms of this Activity and Use Limitation Opinion are consistent with those of the Notice for the subject Property located at 430 Boston Post Road, Wayland, Massachusetts.

Date: 12/14/, 2011

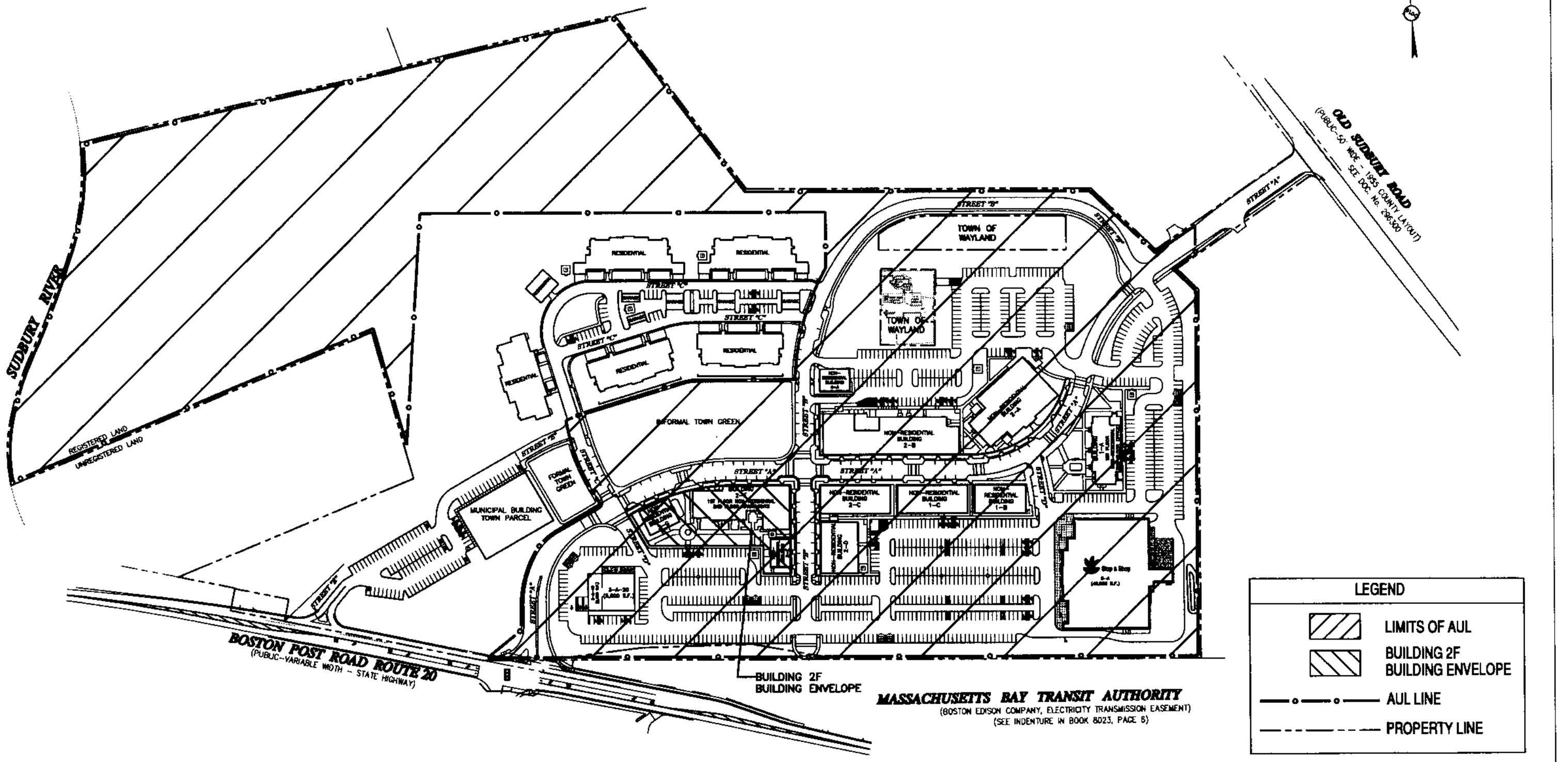
John C. Drobinski, LSP Reg. No. 2196

[LSP SEAL]

EXHIBIT D

Plan showing "Building 2F Building Envelope"

[SEE ATTACHED]



ARROWSTREET
Architecture
Urban Design
Planning
Graphics and interiors

RJ O'CONNELL & ASSOCIATES, INC.
Civil Engineers & Land Planners
80 MONTVALE AVENUE STONEHAM, MA 02180
PHONE: 781-938-0670 FAX: 781-938-0031

ARCHITECTS
14 Franklin Street
Quincy, MA 02169

Proponent:
Twenty Wayland, LLC
10 MEMORIAL BOULEVARD
SUITE 901
PROVIDENCE, RI 02903

Project No:	RJOC 09032
Drawn By:	WJH
Checked By:	RFD
Issue Date:	20 SEPTEMBER 2011
Revisions:	Date:
UPDATE AUL LINE	10/19/11

Project:
Wayland Town Center
400 Boston Post Road
Wayland, Massachusetts

ACTIVITY AND USE LIMITATION

Drawing Title:
BUILDING 2F BUILDING ENVELOPE

Drawing Number
SCALE 1" = 100'
EX-D

Doc 01585834

Southern Middlesex LAND COURT
Registry District

RECEIVED FOR REGISTRATION

On: Dec 21,2011 at 01:01P

Document Fee 75.00

Receipt Total: $450.00

NOTED ON: CERT 234881 BK 01307 PG 76

ALSO NOTED ON:

Appendix B: Photographs

Photographic Documentation
430 Boston Post Road
Wayland, Massachusetts
Project No. 19163

Photograph: 1 **Description:** View to the east of the 36" outfall being excavated.	
Photograph: 2 **Description:** View to the west of the former 36" outfall location.	

Photographic Documentation
430 Boston Post Road
Wayland, Massachusetts
Project No. 19163

Photograph: 3 **Description:** An approximately 2" old electrical lines observed during excavation of the 36" out fall piping. Soil staining was not observed during the excavation.	
Photograph: 4 **Description:** View to the west of the former 36" outfall location.	

Photographic Documentation
430 Boston Post Road
Wayland, Massachusetts
Project No. 19163

Photograph: 5 **Description:** View west towards the excavation of former 36" out fall. There was no evidence of impacted soils and no groundwater was encountered.	
Photograph: 6 **Description:** View of western section of the excavation after completion.	

Photographic Documentation
430 Boston Post Road
Wayland, Massachusetts
Project No. 19163

Photograph: 7 **Description:** The compacted viewed to the western end of the excavation.	
Photograph: 8 **Description:** The compacted viewed to the eastern end of the excavation.	

Appendix C: Bill of Lading

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC112

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number: 3 - 13302

A. LOCATION OF SITE OR DISPOSAL SITE WHERE REMEDIATION WASTE WAS GENERATED:

1. Release Name/Location Aid: RAYTHEON COMPANY
2. Street Address: 430 BOSTON POST RD
3. City/Town: WAYLAND 4. Zip Code: 017780000
5. ☐ Check her if a Tier Classification Submittal has been provided to DEP for this disposal site:
   ☐ a. Tier 1A ☐ b. Tier 1B ☑ b. Tier 1C ☐ d. Tier II
6. If applicable provide the Permit Number: 133939

B. THIS FORM IS BEING USED TO: (check one: B1-B4):

☐ 1. Submit a **Bill of Lading (BOL)** to transport Remediation Waste to Temporary Storage or a Receiving Facility.
Response Actions associated with this BOL (check all that apply):

- ☐ a. Immediate Response Action (IRA)
- ☐ b. Release Abatement Measure (RAM)
- ☐ c. Downgradient Property Status (DPS)
- ☐ d. Utility Release Abatement Measure (URAM)
- ☐ e. Comprehensive Response Actions
- ☐ f.. Limited Removal Action (LRA): (must be retained pursuant to 310 CMR 40.0034(6); can't be submitted via eDEP)
- ☐ g. Other

☐ 2. Submit an Attestation of Completion of **Shipment to Temporary Storage** (Sections C, F and J are not required):

☑ 3. Submit an Attestation of Completion of **Shipment to a Receiving Facility** (Sections C, F and J are not required):

☐ 4. Certify that Remediation Waste Was **Not Shipped, and the Bill of Lading is Void.** (Sections C, D, E, and F are not required)

5. Date Bill of Lading submitted to the Department: 1/13/2012 11:00:1 (mm/dd/yyyy) b. eDEP Transaction ID: 443214

6. Period of Generation Associated with this Bill of Lading 12/30/2011 (mm/dd/yyyy) to 12/30/2011 (mm/dd/yyyy)

(All sections of this transmittal form must be filled out unless otherwise noted)
The Bill of Lading is not considered complete until the Attestation of Completion of Shipment is received by the Department.

C. DESCRIPTION OF WASTE AND WASTE SOURCE:

1. Contaminated Media /Debris (check all that apply):
   ☐ a. Soil ☐ b. Groundwater ☐ c. Surface Water ☐ d. Sediment ☐ e. Vegetation or Organic Debris
   ☐ f. Demolition/Construction Waste ☐ g. Inorganic Absorbent Materials ☐ h. Other:
2. Uncontainerized Waste (check all that apply):
   ☐ a. Inorganic Absorbent Materials ☐ b. Other:

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BILL OF LADING (pursuant to 310 CMR 40.0030)

BWSC112

Release Tracking Number
3 - 13302

C. DESCRIPTION OF WASTE AND WASTE SOURCE (cont.):

3. Containerized Waste (check all that apply):

☐ a. Tank Bottoms/Sludges ☐ b. Containers ☐ c. Drums ☐ d. Engineered Impoundments

☐ e. Other:

4. Estimated Quantity: ☐ Tons ☐ Cu. Yds. ☐ Gallons

5. Contaminant Source (check one):

☐ a. Transportation Accident ☐ b. Underground Storage Tank ☐ c. Brownfields Redevelopment

☐ d. Other:

6. Type of Contaminant (check all that apply):

☐ a. Gasoline ☐ b. Diesel Fuel ☐ c. #2 Fuel Oil ☐ d. #4 Fuel Oil ☐ e. #6 Fuel Oil ☐ f. Jet Fuel

☐ g. Waste Oil ☐ h. Kerosene ☐ i. Chlorinated Solvents ☐ j. Urban Fill ☐ k. Other:

7. Constituents of Concern (check all that apply):

☐ a. As ☐ b. Cd ☐ c. Cr ☐ d. Pb ☐ e. Hg ☐ f. EPH/TPH ☐ g. VPH

☐ h. PCBs ☐ i. VOCs ☐ j. SVOCs ☐ k. Other:

8. If applicable, check the box for the Reportable Concentration Category of the site:

☐ a. RCS-1 ☐ b. RCS-2 ☐ c. RCGW-1 ☐ d. RCGW-2

9. Remediation Waste Characterization Documentation (check at least one):

☐ a. Site History Information ☐ b. Sampling Analytical Methods and Procedures ☐ c. Laboratory Data

☐ d. Field Screening Data ☐ e. Characterization Documentation previously submitted to the Department

i. Date submitted: (mm/dd/yyyy) ii. Type of Documentation:

D. TRANSPORTER OR COMMON CARRIER INFORMATION:

1. Transporter/Common Carrier Name: **BRIGHTER HORIZONS ENVIRONMENTAL INC**

2. Contact First Name: **SHANE** 3. Last Name: **DUVAL**

4. Street: **4 COURTHOUSE LANE UNIT 14** 5. Title: **CFO**

6. City/Town: **CHELMSFORD** 7. State: **MA** 8. Zip Code: **018240000**

9. Telephone: **9789700500** 10. Ext: 11. Fax:

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC112

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number
3 - 13302

E. RECEIVING FACILITY/TEMPORARY STORAGE LOCATION:

1. Operator/Facility Name: CPRC GROUP
2. Contact First Name: REGGIE 3. Last Name: SAUNDERS
4. Street: 2 GIBSON ROAD 5. Title:
6. City/Town: SCARBOROUGH 7. State: ME 8. Zip Code: 040740000
9. Telephone: 207 883 3325 10. Ext: 11. Fax: 207 883 1121
12. Type of Facility: (Check one)

a. Temporary Storage i. Period of Temporary Storage: (mm/dd/yyyy) to (mm/dd/yyyy)

ii. Reason for Temporary Storage:

☐ b. Asphalt Batch/Hot Mix ☐ c. Landfill/Disposal ☐ d. Landfill/Structural Fill ☐ e. Landfill/Daily Cover

☑ f. Asphalt Batch/Cold Mix ☐ g. Thermal Processing ☐ h. Incinerator ☐ i. Other:

13. Division of Hazardous Waste/Class A Permit Number:
14. Division of Solid Waste Permit Number: S-021243-WK-A-N
15. EPA Identification Number:

F. LSP SIGNATURE AND STAMP:

I attest under the pains and penalties of perjury that I have personally examined and am familiar with this submittal form, including any and all documents accompanying this submittal. In my professional opinion and judgment based upon application of (i) the standard of care in 309 CMR 4.02(1), (ii) the applicable provisions of 309 CMR 4.02(2) and (3), and 309 CMR 4.03(2), and (iii) the provisions of 309 CMR 4.03(3), to the best of my knowledge, information and belief, the assessment action(s) undertaken to characterize the Remediation Waste which is (are) the subject of this submittal for acceptance at the facility identified in this submittal comply with applicable provisions of 310 CMR 40.0000, and such facility is permitted to accept Remediation Waste having the characteristics described in this submittal.

I am aware that significant penalties may result, including, but not limited to, possible fines and imprisonment, if I submit information which I know to be false, inaccurate or materially incomplete.

1. LSP #:
2. First Name: 3. Last Name:
4. Telephone: 5. Ext.
6. FAX:
7. Signature:
8. Date: (mm/dd/yyyy)
9. LSP Stamp:

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC112

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number
3 - 13302

G. PERSON SUBMITTING BILL OF LADING:

1. Check all that apply: ☐ a. change in contact name ☐ b. Change of address ☐ c. change in person undertaking response actions
2. Name of Organization: TWENTY WAYLAND LLC
3. Contact First Name: FRANK 4. Last Name: DOUGHERTY
5. Street: 10 MEMORIAL BLVD SUITE 901 6. Title:
7. City/Town: PROVIDENCE 8. State: RI 9. Zip Code: 029030000
10. Telephone: 4012738600 11. Ext: 12. Fax:

H. RELATIONSHIP TO SITE OF PERSON SUBMITTING BILL OF LADING:

☐ Check here to change relationship

☑ 1. RP or PRP: ☐ a. Owner ☐ b. Operator ☐ c. Generator ☐ d. Transporter
☑ e. Other RP or PRP Specify: NON-SPECIFIED PRP

☐ 2. Fiduciary, Secured Lender or Municipality with Exempt Status (as defined by M.G.L. c.21E, s.2):

☐ 3. Agency or Public Utility on a Right of Way (as defined by M.G.L. c.21E, s.5(j))

☐ 4. Any Other person Undertaking Response Actions: Specify Relationship:

I. REQUIRED ATTACHMENTS AND SUBMITTALS :

☐ 1. Check here if the Response Action(s) on which this opinion is based, if any, are (were) subject to any order(s), permit(s) and/or approvals issued by DEP or EPA. If the box is checked, you must attach a statement identifying the applicable provisions thereof.

☐ 2. Check here if any non-updatable information provided on this form is incorrect, e. g. property address. Send corrections to BWSC.eDEP@state.ma.us

☐ 3. Check here to certify that the LSP Opinion containing the material facts, data, and other information is attached.

J. CERTIFICATION OF PERSON SUBMITTING BILL OF LADING :

1. I, _____, attest under the pains and penalties or perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form, (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (iii) that I am fully authorized to make this attestation on behalf of the entity legally responsible for this submittal. I/the person or entity on whose behalf this submittal is made am/is aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

2. By: 3. Title:

4. For: 5. Date:
(Name of person or entity recorded in Section H) (mm/dd/yyyy)

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BILL OF LADING (pursuant to 310 CMR 40.0030)

BWSC112

Release Tracking Number
3 - 13302

J. CERTIFICATION OF PERSON SUBMITTING BILL OF LADING (cont.) :

☐ 6. Check here if the address of the person providing certification is different from address recorded in Section H.

7. Street:

8. City/Town: 9. State: 10. Zip Code:

11. Telephone: 12. Ext: 13. Fax:

YOU ARE SUBJECT TO AN ANNUAL COMPLIANCE ASSURANCE FEE OF UP TO $10,000 PER BILLABLE YEAR FOR THIS DISPOSAL SITE. YOU MUST LEGIBLY COMPLETE ALL RELEVANT SECTIONS OF THIS FORM OR DEP MAY RETURN THE DOCUMENT AS INCOMPLETE. IF YOU SUBMIT AN INCOMPLETE FORM, YOU MAY BE PENALIZED FOR MISSING A REQUIRED DEADLINE.

Date Stamp (MassDEP USE ONLY):

Received by DEP on

7/25/2012 9:14:16 AM

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC112A

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number 3 - 13302

SUMMARY OF SHIPMENT SHEET 1 **OF** 1

A. SUMMARY OF SHIPMENT (To be filled out by the receiving facility upon receipt of Remediation Waste):

1. Date of Shipment: (mm/dd/yyyy)	2. Date of Receipt: (mm/dd/yyyy)	3. Number of Loads Shipped:	4. Daily Volume Shipped: ☐ yds³ ☑ tons ☐ gals
1/25/2012	1/25/2012	1	16.01
1/25/2012	1/25/2012	1	3.17
5. Totals Recorded on this Summary of Shipment Sheet:		2	19.18

B. ☐ Check here if additional BWSC112A BOL Summary Sheets are needed.

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC112B

Release Tracking Number
3 - 13302

BILL OF LADING (pursuant to 310 CMR 40.0030)
SUMMARY SHEET SIGNATURE PAGE

A. ACKNOWLEDGEMENT OF RECEIPT OF REMEDIATION WASTE AT RECEIVING FACILITY OR TEMPORARY STORAGE:

1. I, Marcia Montague, attest under the pains and penalties or perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form, (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (iii) that I am fully authorized to make this attestation on behalf of the entity legally responsible for this submittal. I/the person or entity on whose behalf this submittal is made am/is aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

2. By: Marcia Montague 3. Title:

4. For: TWENTY WAYLAND LLC 5. Date: 3/2/2012 (mm/dd/yyyy)

6. Date of Final Shipment associated with this Bill of Lading: 1/25/2012 (mm/dd/yyyy)

B. ACKNOWLEDGEMENT OF SHIPMENT AND RECEIPT OF REMEDIATION WASTE BY PERSON CONDUCTING RESPONSE ACTIONS ASSOCIATED WITH THIS BILL OF LADING:

1. I, Frank Dougherty, attest under the pains and penalties or perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form, (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (iii) that I am fully authorized to make this attestation on behalf of the entity legally responsible for this submittal. I/the person or entity on whose behalf this submittal is made am/is aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

2. By: Frank Dougherty 3. Title:

4. For: TWENTY WAYLAND LLC (Name of person or entity recorded in Section G) 5. Date: 7/24/2012 (mm/dd/yyyy)

☐ 6. Check here if the address of the person providing certification is different from address recorded in BWSC112 Section H.

7. Street: _____

8. City/Town: _____ 9. State: _____ 10. Zip Code: _____

11. Telephone: _____ 12. Ext: _____ 13. Fax: _____

☑ 14. Check here if attaching optional supporting documentation such as copies of Load Information Summary Sheets

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC112

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number
3 - 13302

A. LOCATION OF SITE OR DISPOSAL SITE WHERE REMEDIATION WASTE WAS GENERATED:

1. Release Name/Location Aid: RAYTHEON COMPANY
2. Street Address: 430 BOSTON POST RD
3. City/Town: WAYLAND 4. Zip Code: 017780000
5. ☑ Check her if a Tier Classification Submittal has been provided to DEP for this disposal site:
   ☐ a. Tier 1A ☑ b. Tier 1B ☐ b. Tier 1C ☐ d. Tier II
6. If applicable provide the Permit Number: 133939

B. THIS FORM IS BEING USED TO: (check one: B1-B4):

☑ 1. Submit a **Bill of Lading (BOL)** to transport Remediation Waste to Temporary Storage or a Receiving Facility. Response Actions associated with this BOL (check all that apply):

- ☐ a. Immediate Response Action (IRA)
- ☑ b. Release Abatement Measure (RAM)
- ☐ c. Downgradient Property Status (DPS)
- ☐ d. Utility Release Abatement Measure (URAM)
- ☐ e. Comprehensive Response Actions
- ☐ f.. Limited Removal Action (LRA): (must be retained pursuant to 310 CMR 40.0034(6); can't be submitted via eDEP)
- ☐ g. Other

☐ 2. Submit an Attestation of Completion of **Shipment to Temporary Storage** (Sections C, F and J are not required):

☐ 3. Submit an Attestation of Completion of **Shipment to a Receiving Facility** (Sections C, F and J are not required):

☐ 4. Certify that Remediation Waste Was **Not Shipped, and the Bill of Lading is Void.** (Sections C, D, E, and F are not required)

5. Date Bill of Lading submitted to the Department: _____ (mm/dd/yyyy) b. eDEP Transaction ID:

6. Period of Generation Associated with this Bill of Lading 1/13/2012 (mm/dd/yyyy) to 1/13/2012 (mm/dd/yyyy)

(All sections of this transmittal form must be filled out unless otherwise noted)
The Bill of Lading is not considered complete until the Attestation of Completion of Shipment is received by the Department.

C. DESCRIPTION OF WASTE AND WASTE SOURCE:

1. Contaminated Media /Debris (check all that apply):
   ☑ a. Soil ☐ b. Groundwater ☐ c. Surface Water ☐ d. Sediment ☐ e. Vegetation or Organic Debris
   ☐ f. Demolition/Construction Waste ☐ g. Inorganic Absorbent Materials ☐ h. Other:
2. Uncontainerized Waste (check all that apply):
   ☐ a. Inorganic Absorbent Materials ☐ b. Other:

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC112

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number
3 - 13302

C. DESCRIPTION OF WASTE AND WASTE SOURCE (cont.):

3. Containerized Waste (check all that apply):

☐ a. Tank Bottoms/Sludges ☐ b. Containers ☐ c. Drums ☐ d. Engineered Impoundments

☐ e. Other:

4. Estimated Quantity: 5 ☐ Tons ☑ Cu. Yds. ☐ Gallons

5. Contaminant Source (check one):

☐ a. Transportation Accident ☐ b. Underground Storage Tank ☐ c. Brownfields Redevelopment

☑ d. Other: FORMER HYDRAULIC LIFT

6. Type of Contaminant (check all that apply):

☐ a. Gasoline ☐ b. Diesel Fuel ☐ c. #2 Fuel Oil ☐ d. #4 Fuel Oil ☐ e. #6 Fuel Oil ☐ f. Jet Fuel

☐ g. Waste Oil ☐ h. Kerosene ☐ i. Chlorinated Solvents ☐ j. Urban Fill ☑ k. Other: PETROLEUM PR

7. Constituents of Concern (check all that apply):

☐ a. As ☐ b. Cd ☐ c. Cr ☐ d. Pb ☐ e. Hg ☑ f. EPH/TPH ☐ g. VPH

☐ h. PCBs ☐ i. VOCs ☐ j. SVOCs ☐ k. Other:

8. If applicable, check the box for the Reportable Concentration Category of the site:

☐ a. RCS-1 ☐ b. RCS-2 ☑ c. RCGW-1 ☐ d. RCGW-2

9. Remediation Waste Characterization Documentation (check at least one):

☑ a. Site History Information ☑ b. Sampling Analytical Methods and Procedures ☑ c. Laboratory Data

☐ d. Field Screening Data ☐ e. Characterization Documentation previously submitted to the Department

i. Date submitted: (mm/dd/yyyy) ii. Type of Documentation:

D. TRANSPORTER OR COMMON CARRIER INFORMATION:

1. Transporter/Common Carrier Name: CPR GROUP

2. Contact First Name: REGGIE 3. Last Name: SAUNDERS

4. Street: 2 GIBSON ROAD 5. Title:

6. City/Town: SCARBOROUGH 7. State: ME 8. Zip Code: 040740000

9. Telephone: 207 883 3325 10. Ext: 11. Fax: 207 883 1121

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC112

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number
3 - 13302

E. RECEIVING FACILITY/TEMPORARY STORAGE LOCATION:

1. Operator/Facility Name: CPR GROUP
2. Contact First Name: REGGIE 3. Last Name: SAUNDERS
4. Street: 2 GIBSON ROAD 5. Title:
6. City/Town: SCARBOROUGH 7. State: ME 8. Zip Code: 040740000
9. Telephone: 207 883 3325 10. Ext: 11. Fax: 207 883 1121
12. Type of Facility: (Check one)
    a. Temporary Storage i. Period of Temporary Storage: (mm/dd/yyyy) to (mm/dd/yyyy)
    ii. Reason for Temporary Storage:
    ☑ b. Asphalt Batch/Hot Mix ☐ c. Landfill/Disposal ☐ d. Landfill/Structural Fill ☐ e. Landfill/Daily Cover
    ☐ f. Asphalt Batch/Cold Mix ☐ g. Thermal Processing ☐ h. Incinerator ☐ i. Other:
13. Division of Hazardous Waste/Class A Permit Number:
14. Division of Solid Waste Permit Number: S-021243-WK-A-N
15. EPA Identification Number:

F. LSP SIGNATURE AND STAMP:

I attest under the pains and penalties of perjury that I have personally examined and am familiar with this submittal form, including any and all documents accompanying this submittal. In my professional opinion and judgment based upon application of (i) the standard of care in 309 CMR 4.02(1), (ii) the applicable provisions of 309 CMR 4.02(2) and (3), and 309 CMR 4.03(2), and (iii) the provisions of 309 CMR 4.03(3), to the best of my knowledge, information and belief, the assessment action(s) undertaken to characterize the Remediation Waste which is (are) the subject of this submittal for acceptance at the facility identified in this submittal comply with applicable provisions of 310 CMR 40.0000, and such facility is permitted to accept Remediation Waste having the characteristics described in this submittal.

I am aware that significant penalties may result, including, but not limited to, possible fines and imprisonment, if I submit information which I know to be false, inaccurate or materially incomplete.

1. LSP #: 9092
2. First Name: JAMES B 3. Last Name: OBRIEN
4. Telephone: 7819526000 5. Ext.
6. FAX:
7. Signature: James B OBrien
8. Date: 1/23/2012 (mm/dd/yyyy)
9. LSP Stamp:

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC112

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number
3 - 13302

G. PERSON SUBMITTING BILL OF LADING:

1. Check all that apply: ☐ a. change in contact name ☐ b. Change of address ☐ c. change in person undertaking response actions
2. Name of Organization: TWENTY WAYLAND LLC
3. Contact First Name: FRANK 4. Last Name: DOUGHERTY
5. Street: 10 MEMORIAL BLVD SUITE 901 6. Title:
7. City/Town: PROVIDENCE 8. State: RI 9. Zip Code: 029030000
10. Telephone: 4012738600 11. Ext: 12. Fax:

H. RELATIONSHIP TO SITE OF PERSON SUBMITTING BILL OF LADING:

☐ Check here to change relationship

☑ 1. RP or PRP: ☐ a. Owner ☐ b. Operator ☐ c. Generator ☐ d. Transporter
☑ e. Other RP or PRP Specify: NON-SPECIFIED PRP

☐ 2. Fiduciary, Secured Lender or Municipality with Exempt Status (as defined by M.G.L. c.21E, s.2):

☐ 3. Agency or Public Utility on a Right of Way (as defined by M.G.L. c.21E, s.5(j))

☐ 4. Any Other person Undertaking Response Actions: Specify Relationship:

I. REQUIRED ATTACHMENTS AND SUBMITTALS :

☐ 1. Check here if the Response Action(s) on which this opinion is based, if any, are (were) subject to any order(s), permit(s) and/or approvals issued by DEP or EPA. If the box is checked, you must attach a statement identifying the applicable provisions thereof.

☐ 2. Check here if any non-updatable information provided on this form is incorrect, e. g. property address. Send corrections to BWSC.eDEP@state.ma.us

☑ 3. Check here to certify that the LSP Opinion containing the material facts, data, and other information is attached.

J. CERTIFICATION OF PERSON SUBMITTING BILL OF LADING :

1. I, Frank Dougherty, attest under the pains and penalties or perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form, (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (iii) that I am fully authorized to make this attestation on behalf of the entity legally responsible for this submittal. I/the person or entity on whose behalf this submittal is made am/is aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

2. By: Frank Dougherty 3. Title:

4. For TWENTY WAYLAND LLC (Name of person or entity recorded in Section H) 5. Date: 1/23/2012 (mm/dd/yyyy)

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC112

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number
3 - 13302

J. CERTIFICATION OF PERSON SUBMITTING BILL OF LADING (cont.) :

☐ 6. Check here if the address of the person providing certification is different from address recorded in Section H.

7. Street:

8. City/Town: 9. State: 10. Zip Code:

11. Telephone: 12. Ext: 13. Fax:

YOU ARE SUBJECT TO AN ANNUAL COMPLIANCE ASSURANCE FEE OF UP TO $10,000 PER BILLABLE YEAR FOR THIS DISPOSAL SITE. YOU MUST LEGIBLY COMPLETE ALL RELEVANT SECTIONS OF THIS FORM OR DEP MAY RETURN THE DOCUMENT AS INCOMPLETE. IF YOU SUBMIT AN INCOMPLETE FORM, YOU MAY BE PENALIZED FOR MISSING A REQUIRED DEADLINE.

Date Stamp (MassDEP USE ONLY):

Received by DEP on

1/23/2012 7:09:20 PM

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC112

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number: 3 - 13302

A. LOCATION OF SITE OR DISPOSAL SITE WHERE REMEDIATION WASTE WAS GENERATED:

1. Release Name/Location Aid: RAYTHEON COMPANY
2. Street Address: 430 BOSTON POST RD
3. City/Town: WAYLAND 4. Zip Code: 017780000
5. ☐ Check her if a Tier Classification Submittal has been provided to DEP for this disposal site:
   ☐ a. Tier 1A ☐ b. Tier 1B ☑ b. Tier 1C ☐ d. Tier II
6. If applicable provide the Permit Number: 133939

B. THIS FORM IS BEING USED TO: (check one: B1-B4):

☐ 1. Submit a **Bill of Lading (BOL)** to transport Remediation Waste to Temporary Storage or a Receiving Facility. Response Actions associated with this BOL (check all that apply):

- ☐ a. Immediate Response Action (IRA)
- ☐ b. Release Abatement Measure (RAM)
- ☐ c. Downgradient Property Status (DPS)
- ☐ d. Utility Release Abatement Measure (URAM)
- ☐ e. Comprehensive Response Actions
- ☐ f.. Limited Removal Action (LRA): (must be retained pursuant to 310 CMR 40.0034(6); can't be submitted via eDEP)
- ☐ g. Other

☐ 2. Submit an Attestation of Completion of **Shipment to Temporary Storage** (Sections C, F and J are not required):

☑ 3. Submit an Attestation of Completion of **Shipment to a Receiving Facility** (Sections C, F and J are not required):

☐ 4. Certify that Remediation Waste Was **Not Shipped, and the Bill of Lading is Void.** (Sections C, D, E, and F are not required)

5. Date Bill of Lading submitted to the Department: 1/23/2012 7:09:20 (mm/dd/yyyy) b. eDEP Transaction ID: 446352

6. Period of Generation Associated with this Bill of Lading 1/13/2012 (mm/dd/yyyy) to 1/13/2012 (mm/dd/yyyy)

(All sections of this transmittal form must be filled out unless otherwise noted)

The Bill of Lading is not considered complete until the Attestation of Completion of Shipment is received by the Department.

C. DESCRIPTION OF WASTE AND WASTE SOURCE:

1. Contaminated Media /Debris (check all that apply):

☐ a. Soil ☐ b. Groundwater ☐ c. Surface Water ☐ d. Sediment ☐ e. Vegetation or Organic Debris

☐ f. Demolition/Construction Waste ☐ g. Inorganic Absorbent Materials ☐ h. Other:

2. Uncontainerized Waste (check all that apply):

☐ a. Inorganic Absorbent Materials ☐ b. Other:

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BILL OF LADING (pursuant to 310 CMR 40.0030)

BWSC112

Release Tracking Number
3 - 13302

C. DESCRIPTION OF WASTE AND WASTE SOURCE (cont.):

3. Containerized Waste (check all that apply):
   ☐ a. Tank Bottoms/Sludges ☐ b. Containers ☐ c. Drums ☐ d. Engineered Impoundments
   ☐ e. Other:

4. Estimated Quantity: ☐ Tons ☐ Cu. Yds. ☐ Gallons

5. Contaminant Source (check one):
   ☐ a. Transportation Accident ☐ b. Underground Storage Tank ☐ c. Brownfields Redevelopment
   ☐ d. Other:

6. Type of Contaminant (check all that apply):
   ☐ a. Gasoline ☐ b. Diesel Fuel ☐ c. #2 Fuel Oil ☐ d. #4 Fuel Oil ☐ e. #6 Fuel Oil ☐ f. Jet Fuel
   ☐ g. Waste Oil ☐ h. Kerosene ☐ i. Chlorinated Solvents ☐ j. Urban Fill ☐ k. Other:

7. Constituents of Concern (check all that apply):
   ☐ a. As ☐ b. Cd ☐ c. Cr ☐ d. Pb ☐ e. Hg ☐ f. EPH/TPH ☐ g. VPH
   ☐ h. PCBs ☐ i. VOCs ☐ j. SVOCs ☐ k. Other:

8. If applicable, check the box for the Reportable Concentration Category of the site:
   ☐ a. RCS-1 ☐ b. RCS-2 ☐ c. RCGW-1 ☐ d. RCGW-2

9. Remediation Waste Characterization Documentation (check at least one):
   ☐ a. Site History Information ☐ b. Sampling Analytical Methods and Procedures ☐ c. Laboratory Data
   ☐ d. Field Screening Data ☐ e. Characterization Documentation previously submitted to the Department
   i. Date submitted: (mm/dd/yyyy) ii. Type of Documentation:

D. TRANSPORTER OR COMMON CARRIER INFORMATION:

1. Transporter/Common Carrier Name: BRIGHTER HORIZONS ENVIRONMENTAL INC
2. Contact First Name: SHANE 3. Last Name: DUVAL
4. Street: 4 COURTHOUSE LANE UNIT 14 5. Title: CFO
6. City/Town: CHELMSFORD 7. State: MA 8. Zip Code: 018240000
9. Telephone: 9789700500 10. Ext: 11. Fax:

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC112

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number
3 - 13302

E. RECEIVING FACILITY/TEMPORARY STORAGE LOCATION:

1. Operator/Facility Name: CPRC GROUP
2. Contact First Name: REGGIE 3. Last Name: SAUNDERS
4. Street: 2 GIBSON ROAD 5. Title:
6. City/Town: SCARBOROUGH 7. State: ME 8. Zip Code: 040740000
9. Telephone: 207 883 3325 10. Ext: 11. Fax: 207 883 1121
12. Type of Facility: (Check one)
a. Temporary Storage i. Period of Temporary Storage: (mm/dd/yyyy) to (mm/dd/yyyy)
ii. Reason for Temporary Storage:

☐ b. Asphalt Batch/Hot Mix ☐ c. Landfill/Disposal ☐ d. Landfill/Structural Fill ☐ e. Landfill/Daily Cover
☑ f. Asphalt Batch/Cold Mix ☐ g. Thermal Processing ☐ h. Incinerator ☐ i. Other:

13. Division of Hazardous Waste/Class A Permit Number:
14. Division of Solid Waste Permit Number: S-021243-WK-A-N
15. EPA Identification Number:

F. LSP SIGNATURE AND STAMP:

I attest under the pains and penalties of perjury that I have personally examined and am familiar with this submittal form, including any and all documents accompanying this submittal. In my professional opinion and judgment based upon application of (i) the standard of care in 309 CMR 4.02(1), (ii) the applicable provisions of 309 CMR 4.02(2) and (3), and 309 CMR 4.03(2), and (iii) the provisions of 309 CMR 4.03(3), to the best of my knowledge, information and belief, the assessment action(s) undertaken to characterize the Remediation Waste which is (are) the subject of this submittal for acceptance at the facility identified in this submittal comply with applicable provisions of 310 CMR 40.0000, and such facility is permitted to accept Remediation Waste having the characteristics described in this submittal.

I am aware that significant penalties may result, including, but not limited to, possible fines and imprisonment, if I submit information which I know to be false, inaccurate or materially incomplete.

1. LSP #:
2. First Name: 3. Last Name:
4. Telephone: 5. Ext.
6. FAX:
7. Signature:
8. Date: (mm/dd/yyyy)
9. LSP Stamp:

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC112

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number
3 - 13302

G. PERSON SUBMITTING BILL OF LADING:

1. Check all that apply: ☐ a. change in contact name ☐ b. Change of address ☐ c. change in person undertaking response actions

2. Name of Organization: TWENTY WAYLAND LLC

3. Contact First Name: FRANK 4. Last Name: DOUGHERTY

5. Street: 10 MEMORIAL BLVD SUITE 901 6. Title:

7. City/Town: PROVIDENCE 8. State: RI 9. Zip Code: 029030000

10. Telephone: 4012738600 11. Ext: 12. Fax:

H. RELATIONSHIP TO SITE OF PERSON SUBMITTING BILL OF LADING: ☐ Check here to change relationship

☑ 1. RP or PRP: ☐ a. Owner ☐ b. Operator ☐ c. Generator ☐ d. Transporter

☑ e. Other RP or PRP Specify: NON-SPECIFIED PRP

☐ 2. Fiduciary, Secured Lender or Municipality with Exempt Status (as defined by M.G.L. c.21E, s.2):

☐ 3. Agency or Public Utility on a Right of Way (as defined by M.G.L. c.21E, s.5(j))

☐ 4. Any Other person Undertaking Response Actions: Specify Relationship:

I. REQUIRED ATTACHMENTS AND SUBMITTALS :

☐ 1. Check here if the Response Action(s) on which this opinion is based, if any, are (were) subject to any order(s), permit(s) and/or approvals issued by DEP or EPA. If the box is checked, you must attach a statement identifying the applicable provisions thereof.

☐ 2. Check here if any non-updatable information provided on this form is incorrect, e. g. property address. Send corrections to BWSC.eDEP@state.ma.us

☐ 3. Check here to certify that the LSP Opinion containing the material facts, data, and other information is attached.

J. CERTIFICATION OF PERSON SUBMITTING BILL OF LADING :

1. I, _____, attest under the pains and penalties or perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form, (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (iii) that I am fully authorized to make this attestation on behalf of the entity legally responsible for this submittal. I/the person or entity on whose behalf this submittal is made am/is aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

2. By: 3. Title:

4. For: 5. Date:

(Name of person or entity recorded in Section H) (mm/dd/yyyy)

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC112

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number
3 - 13302

J. CERTIFICATION OF PERSON SUBMITTING BILL OF LADING (cont.) :

☐ 6. Check here if the address of the person providing certification is different from address recorded in Section H.

7. Street:

8. City/Town: 9. State: 10. Zip Code:

11. Telephone: 12. Ext: 13. Fax:

YOU ARE SUBJECT TO AN ANNUAL COMPLIANCE ASSURANCE FEE OF UP TO $10,000 PER BILLABLE YEAR FOR THIS DISPOSAL SITE. YOU MUST LEGIBLY COMPLETE ALL RELEVANT SECTIONS OF THIS FORM OR DEP MAY RETURN THE DOCUMENT AS INCOMPLETE. IF YOU SUBMIT AN INCOMPLETE FORM, YOU MAY BE PENALIZED FOR MISSING A REQUIRED DEADLINE.

Date Stamp (MassDEP USE ONLY):

Received by DEP on

7/25/2012 9:13:11 AM

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC112A

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number 3 - 13302

SUMMARY OF SHIPMENT SHEET 1 **OF** 1

A. SUMMARY OF SHIPMENT (To be filled out by the receiving facility upon receipt of Remediation Waste):

1. Date of Shipment: (mm/dd/yyyy)	2. Date of Receipt: (mm/dd/yyyy)	3. Number of Loads Shipped:	4. Daily Volume Shipped: ☐ yds³ ☑ tons ☐ gals
1/25/2012	1/25/2012	1	6.42
5. Totals Recorded on this Summary of Shipment Sheet:		1	6.42

B. ☐ Check here if additional BWSC112A BOL Summary Sheets are needed.

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC112B

Release Tracking Number
3 - 13302

BILL OF LADING (pursuant to 310 CMR 40.0030)
SUMMARY SHEET SIGNATURE PAGE

A. ACKNOWLEDGEMENT OF RECEIPT OF REMEDIATION WASTE AT RECEIVING FACILITY OR TEMPORARY STORAGE:

1. I, **Marcia Montague**, attest under the pains and penalties or perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form, (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (iii) that I am fully authorized to make this attestation on behalf of the entity legally responsible for this submittal. I/the person or entity on whose behalf this submittal is made am/is aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

2. By: **Marcia Montague** 3. Title:

4. For: **TWENTY WAYLAND LLC** 5. Date: **3/2/2012** (mm/dd/yyyy)

6. Date of Final Shipment associated with this Bill of Lading: **1/25/2012** (mm/dd/yyyy)

B. ACKNOWLEDGEMENT OF SHIPMENT AND RECEIPT OF REMEDIATION WASTE BY PERSON CONDUCTING RESPONSE ACTIONS ASSOCIATED WITH THIS BILL OF LADING:

1. I, **reg saunders**, attest under the pains and penalties or perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form, (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (iii) that I am fully authorized to make this attestation on behalf of the entity legally responsible for this submittal. I/the person or entity on whose behalf this submittal is made am/is aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

2. By: **reg saunders** 3. Title:

4. For: **TWENTY WAYLAND LLC** (Name of person or entity recorded in Section G) 5. Date: **3/6/2012** (mm/dd/yyyy)

☐ 6. Check here if the address of the person providing certification is different from address recorded in BWSC112 Section H.

7. Street: _____

8. City/Town: _____ 9. State: _____ 10. Zip Code: _____

11. Telephone: _____ 12. Ext: _____ 13. Fax: _____

☑ 14. Check here if attaching optional supporting documentation such as copies of Load Information Summary Sheets

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC112

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number: 3 - 13302

A. LOCATION OF SITE OR DISPOSAL SITE WHERE REMEDIATION WASTE WAS GENERATED:

1. Release Name/Location Aid: RAYTHEON COMPANY
2. Street Address: 430 BOSTON POST RD
3. City/Town: WAYLAND 4. Zip Code: 017780000
5. ☐ Check her if a Tier Classification Submittal has been provided to DEP for this disposal site:
   ☐ a. Tier 1A ☐ b. Tier 1B ☑ b. Tier 1C ☐ d. Tier II
6. If applicable provide the Permit Number: 133939

B. THIS FORM IS BEING USED TO: (check one: B1-B4):

☐ 1. Submit a **Bill of Lading (BOL)** to transport Remediation Waste to Temporary Storage or a Receiving Facility. Response Actions associated with this BOL (check all that apply):

- ☐ a. Immediate Response Action (IRA)
- ☐ b. Release Abatement Measure (RAM)
- ☐ c. Downgradient Property Status (DPS)
- ☐ d. Utility Release Abatement Measure (URAM)
- ☐ e. Comprehensive Response Actions
- ☐ f.. Limited Removal Action (LRA): (must be retained pursuant to 310 CMR 40.0034(6); can't be submitted via eDEP)
- ☐ g. Other

☐ 2. Submit an Attestation of Completion of **Shipment to Temporary Storage** (Sections C, F and J are not required):

☑ 3. Submit an Attestation of Completion of **Shipment to a Receiving Facility** (Sections C, F and J are not required):

☐ 4. Certify that Remediation Waste Was **Not Shipped, and the Bill of Lading is Void.** (Sections C, D, E, and F are not required)

5. Date Bill of Lading submitted to the Department: 1/13/2012 11:11:3 (mm/dd/yyyy) b. eDEP Transaction ID: 442486

6. Period of Generation Associated with this Bill of Lading 12/18/2011 (mm/dd/yyyy) to 12/18/2011 (mm/dd/yyyy)

(All sections of this transmittal form must be filled out unless otherwise noted)
The Bill of Lading is not considered complete until the Attestation of Completion of Shipment is received by the Department.

C. DESCRIPTION OF WASTE AND WASTE SOURCE:

1. Contaminated Media /Debris (check all that apply):
   ☐ a. Soil ☐ b. Groundwater ☐ c. Surface Water ☐ d. Sediment ☐ e. Vegetation or Organic Debris
   ☐ f. Demolition/Construction Waste ☐ g. Inorganic Absorbent Materials ☐ h. Other:
2. Uncontainerized Waste (check all that apply):
   ☐ a. Inorganic Absorbent Materials ☐ b. Other:

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BILL OF LADING (pursuant to 310 CMR 40.0030)

BWSC112

Release Tracking Number
3 - 13302

C. DESCRIPTION OF WASTE AND WASTE SOURCE (cont.):

3. Containerized Waste (check all that apply):

☐ a. Tank Bottoms/Sludges ☐ b. Containers ☐ c. Drums ☐ d. Engineered Impoundments

☐ e. Other:

4. Estimated Quantity: ☐ Tons ☐ Cu. Yds. ☐ Gallons

5. Contaminant Source (check one):

☐ a. Transportation Accident ☐ b. Underground Storage Tank ☐ c. Brownfields Redevelopment

☐ d. Other:

6. Type of Contaminant (check all that apply):

☐ a. Gasoline ☐ b. Diesel Fuel ☐ c. #2 Fuel Oil ☐ d. #4 Fuel Oil ☐ e. #6 Fuel Oil ☐ f. Jet Fuel

☐ g. Waste Oil ☐ h. Kerosene ☐ i. Chlorinated Solvents ☐ j. Urban Fill ☐ k. Other:

7. Constituents of Concern (check all that apply):

☐ a. As ☐ b. Cd ☐ c. Cr ☐ d. Pb ☐ e. Hg ☐ f. EPH/TPH ☐ g. VPH

☐ h. PCBs ☐ i. VOCs ☐ j. SVOCs ☐ k. Other:

8. If applicable, check the box for the Reportable Concentration Category of the site:

☐ a. RCS-1 ☐ b. RCS-2 ☐ c. RCGW-1 ☐ d. RCGW-2

9. Remediation Waste Characterization Documentation (check at least one):

☐ a. Site History Information ☐ b. Sampling Analytical Methods and Procedures ☐ c. Laboratory Data

☐ d. Field Screening Data ☐ e. Characterization Documentation previously submitted to the Department

i. Date submitted: (mm/dd/yyyy) ii. Type of Documentation:

D. TRANSPORTER OR COMMON CARRIER INFORMATION:

1. Transporter/Common Carrier Name: BRIGHTER HORIZONS ENVIRONMENTAL INC

2. Contact First Name: SHANE 3. Last Name: DUVAL

4. Street: 4 COURTHOUSE LANE UNIT 14 5. Title: CFO

6. City/Town: CHELMSFORD 7. State: MA 8. Zip Code: 018240000

9. Telephone: 9789700500 10. Ext: 11. Fax:

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC112

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number
3 - 13302

E. RECEIVING FACILITY/TEMPORARY STORAGE LOCATION:

1. Operator/Facility Name: CPRC GROUP
2. Contact First Name: REGGIE 3. Last Name: SAUNDERS
4. Street: 2 GIBSON ROAD 5. Title:
6. City/Town: SCARBOROUGH 7. State: ME 8. Zip Code: 040740000
9. Telephone: 207 883 3325 10. Ext: 11. Fax: 207 883 1121
12. Type of Facility: (Check one)
a. Temporary Storage i. Period of Temporary Storage: (mm/dd/yyyy) to (mm/dd/yyyy)
ii. Reason for Temporary Storage:

☐ b. Asphalt Batch/Hot Mix ☐ c. Landfill/Disposal ☐ d. Landfill/Structural Fill ☐ e. Landfill/Daily Cover
☑ f. Asphalt Batch/Cold Mix ☐ g. Thermal Processing ☐ h. Incinerator ☐ i. Other:

13. Division of Hazardous Waste/Class A Permit Number:
14. Division of Solid Waste Permit Number: S-021243-WK-A-N
15. EPA Identification Number:

F. LSP SIGNATURE AND STAMP:

I attest under the pains and penalties of perjury that I have personally examined and am familiar with this submittal form, including any and all documents accompanying this submittal. In my professional opinion and judgment based upon application of (i) the standard of care in 309 CMR 4.02(1), (ii) the applicable provisions of 309 CMR 4.02(2) and (3), and 309 CMR 4.03(2), and (iii) the provisions of 309 CMR 4.03(3), to the best of my knowledge, information and belief, the assessment action(s) undertaken to characterize the Remediation Waste which is (are) the subject of this submittal for acceptance at the facility identified in this submittal comply with applicable provisions of 310 CMR 40.0000, and such facility is permitted to accept Remediation Waste having the characteristics described in this submittal.

I am aware that significant penalties may result, including, but not limited to, possible fines and imprisonment, if I submit information which I know to be false, inaccurate or materially incomplete.

1. LSP #:
2. First Name: 3. Last Name:
4. Telephone: 5. Ext.
6. FAX:
7. Signature:
8. Date: (mm/dd/yyyy)
9. LSP Stamp:

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC112

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number
3 - 13302

G. PERSON SUBMITTING BILL OF LADING:

1. Check all that apply: ☐ a. change in contact name ☐ b. Change of address ☐ c. change in person undertaking response actions
2. Name of Organization: TWENTY WAYLAND LLC
3. Contact First Name: FRANK 4. Last Name: DOUGHERTY
5. Street: 10 MEMORIAL BLVD SUITE 901 6. Title:
7. City/Town: PROVIDENCE 8. State: RI 9. Zip Code: 029030000
10. Telephone: 4012738600 11. Ext: 12. Fax:

H. RELATIONSHIP TO SITE OF PERSON SUBMITTING BILL OF LADING:

☐ Check here to change relationship

☑ 1. RP or PRP: ☐ a. Owner ☐ b. Operator ☐ c. Generator ☐ d. Transporter
☑ e. Other RP or PRP Specify: NON-SPECIFIED PRP

☐ 2. Fiduciary, Secured Lender or Municipality with Exempt Status (as defined by M.G.L. c.21E, s.2):

☐ 3. Agency or Public Utility on a Right of Way (as defined by M.G.L. c.21E, s.5(j))

☐ 4. Any Other person Undertaking Response Actions: Specify Relationship:

I. REQUIRED ATTACHMENTS AND SUBMITTALS :

☐ 1. Check here if the Response Action(s) on which this opinion is based, if any, are (were) subject to any order(s), permit(s) and/or approvals issued by DEP or EPA. If the box is checked, you must attach a statement identifying the applicable provisions thereof.

☐ 2. Check here if any non-updatable information provided on this form is incorrect, e. g. property address. Send corrections to BWSC.eDEP@state.ma.us

☐ 3. Check here to certify that the LSP Opinion containing the material facts, data, and other information is attached.

J. CERTIFICATION OF PERSON SUBMITTING BILL OF LADING :

1. I, _____, attest under the pains and penalties or perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form, (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (iii) that I am fully authorized to make this attestation on behalf of the entity legally responsible for this submittal. I/the person or entity on whose behalf this submittal is made am/is aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

2. By: _____ 3. Title: _____

4. For _____ 5. Date: _____
(Name of person or entity recorded in Section H) (mm/dd/yyyy)

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC112

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number
3 - 13302

J. CERTIFICATION OF PERSON SUBMITTING BILL OF LADING (cont.) :

☐ 6. Check here if the address of the person providing certification is different from address recorded in Section H.

7. Street:

8. City/Town: 9. State: 10. Zip Code:

11. Telephone: 12. Ext: 13. Fax:

YOU ARE SUBJECT TO AN ANNUAL COMPLIANCE ASSURANCE FEE OF UP TO $10,000 PER BILLABLE YEAR FOR THIS DISPOSAL SITE. YOU MUST LEGIBLY COMPLETE ALL RELEVANT SECTIONS OF THIS FORM OR DEP MAY RETURN THE DOCUMENT AS INCOMPLETE. IF YOU SUBMIT AN INCOMPLETE FORM, YOU MAY BE PENALIZED FOR MISSING A REQUIRED DEADLINE.

Date Stamp (MassDEP USE ONLY):

Received by DEP on

7/25/2012 9:19:12 AM

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC112A

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number 3 - 13302

SUMMARY OF SHIPMENT SHEET 1 **OF** 1

A. SUMMARY OF SHIPMENT (To be filled out by the receiving facility upon receipt of Remediation Waste):

1. Date of Shipment: (mm/dd/yyyy)	2. Date of Receipt: (mm/dd/yyyy)	3. Number of Loads Shipped:	4. Daily Volume Shipped: ☐ yds³ ☑ tons ☐ gals
1/25/2012	1/25/2012	1	12.84
5. Totals Recorded on this Summary of Shipment Sheet:		1	12.84

B. ☐ Check here if additional BWSC112A BOL Summary Sheets are needed.

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC112B

Release Tracking Number
3 - 13302

BILL OF LADING (pursuant to 310 CMR 40.0030)
SUMMARY SHEET SIGNATURE PAGE

A. ACKNOWLEDGEMENT OF RECEIPT OF REMEDIATION WASTE AT RECEIVING FACILITY OR TEMPORARY STORAGE:

1. I, **Marcia Montague**, attest under the pains and penalties or perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form, (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (iii) that I am fully authorized to make this attestation on behalf of the entity legally responsible for this submittal. I/the person or entity on whose behalf this submittal is made am/is aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

2. By: **Marcia Montague** 3. Title:

4. For: **TWENTY WAYLAND LLC** 5. Date: **3/2/2012** (mm/dd/yyyy)

6. Date of Final Shipment associated with this Bill of Lading: **1/25/2012** (mm/dd/yyyy)

B. ACKNOWLEDGEMENT OF SHIPMENT AND RECEIPT OF REMEDIATION WASTE BY PERSON CONDUCTING RESPONSE ACTIONS ASSOCIATED WITH THIS BILL OF LADING:

1. I, **Frank Dougherty**, attest under the pains and penalties or perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form, (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (iii) that I am fully authorized to make this attestation on behalf of the entity legally responsible for this submittal. I/the person or entity on whose behalf this submittal is made am/is aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

2. By: **Frank Dougherty** 3. Title:

4. For: **TWENTY WAYLAND LLC** (Name of person or entity recorded in Section G) 5. Date: **7/24/2012** (mm/dd/yyyy)

☐ 6. Check here if the address of the person providing certification is different from address recorded in BWSC112 Section H.

7. Street: _____

8. City/Town: _____ 9. State: _____ 10. Zip Code: _____

11. Telephone: _____ 12. Ext: _____ 13. Fax: _____

☑ 14. Check here if attaching optional supporting documentation such as copies of Load Information Summary Sheets

VERTEX®

Vertex –TCS, LLC
Vertex 合同会社
Vertex Engineering, PC
Vertex International LLC
Vertex Air Quality Services, LLC
Vertex Construction Services, Inc.
Vertex Environmental Services, Inc.
Vertex Environmental Insurance Services, Inc.
Vertex Ingenieros Consultores, S. de R.L. de C.V.

Corporate Headquarters
400 Libbey Parkway
Weymouth, MA 02189
www.vertexeng.com
p: 781.952.6000
f: 781.335.3543

January 25, 2013

Massachusetts Department of Environmental Protection
Northeast Region
Bureau of Waste Site Cleanup
205B Lowell Street
Wilmington, Massachusetts 01887

RE: **Bill Of Lading Part B**
Former Raytheon Facility
430 Boston Post Road
Wayland, Massachusetts
RTN 3-13302

To Whom It May Concern:

VERTEX Environmental Services, Inc. (VERTEX) is performing oversight of Release Abatement Measure (RAM) activities at 430 Boston Post Road in Wayland, Massachusetts (the Site). On April 12, 2012, a total of two stockpiles comprising approximately 30 cubic yards of impacted soil was transported off-Site for recycling. Bills of Lading (BOLs) were prepared for the stockpiled material based upon the source of impacts to the material. Each separate stockpile was sampled for disposal characterization separately. A separate BOL was prepared for each stockpile based upon the disposal characterization data. Stockpiles were identified by the disposal characterization name, as presented in the table below. Because additional work was conducted in this area BOL Part B was not submitted until it was confirmed that additional soil from the areas where these stockpiles were generated would not require off-site disposal.

Because the stockpiles volumes were less than the total capacity of the transporting truck and because stockpiled material was being transported to the same receiving facility for disposal, the two stockpiles were combined for transport. As a result, a portion of the tonnage presented on the weight slips for those stockpiles include tonnage from two separate stockpiles. To provide a more accurate description of the tonnage removed from the site per stockpile, the estimated percentage composition in each truck was calculated by VERTEX and the tonnage presented on the weight slip

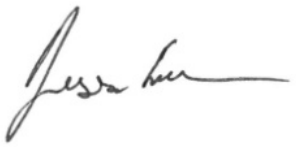
was divided accordingly. The following describes the tonnage transported from the site, and includes the estimated tonnage derived from each on-site stockpile and identifies the truck used to transport the material.

Stockpile Disposal Sample Identification	Truck Number	Truck Tonnage	Approximate Percentage in Truck	Approximate Actual Tonnage	eDEP BOL Transaction Number
Transported April 12, 2012					
DISP-0124	1	29.00	33	9.67	466736
Basin 7	1	29.00	67	19.33	466168

Notes:

1. Stockpile Disposal Sample Identification is based upon the sample identification on the laboratory report.
2. Truck tonnage = total tonnage presented the truck weight slip
3. Approximate Truck percentage = percentage (volume) of the truck that the noted stockpile occupied.
4. Approximate Actual tonnage = the truck tonnage and the truck percentage were used to calculate the actual tonnage

If questions regarding the BOLs, please feel free to contact the undersigned at (781) 952-6000.



Jesse M. Freeman, EIT
Senior Project Manager

James B. O'Brien, LSP
President

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC112

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number: 3 - 13302

A. LOCATION OF SITE OR DISPOSAL SITE WHERE REMEDIATION WASTE WAS GENERATED:

1. Release Name/Location Aid: RAYTHEON COMPANY
2. Street Address: 430 BOSTON POST RD
3. City/Town: WAYLAND 4. Zip Code: 017780000
5. ☑ Check her if a Tier Classification Submittal has been provided to DEP for this disposal site:
   ☐ a. Tier 1A ☐ b. Tier 1B ☑ b. Tier 1C ☐ d. Tier II
6. If applicable provide the Permit Number: 133939

B. THIS FORM IS BEING USED TO: (check one: B1-B4):

☐ 1. Submit a **Bill of Lading (BOL)** to transport Remediation Waste to Temporary Storage or a Receiving Facility.
Response Actions associated with this BOL (check all that apply):

- ☐ a. Immediate Response Action (IRA)
- ☐ b. Release Abatement Measure (RAM)
- ☐ c. Downgradient Property Status (DPS)
- ☐ d. Utility Release Abatement Measure (URAM)
- ☐ e. Comprehensive Response Actions
- ☐ f.. Limited Removal Action (LRA): (must be retained pursuant to 310 CMR 40.0034(6); can't be submitted via eDEP)
- ☐ g. Other

☐ 2. Submit an Attestation of Completion of **Shipment to Temporary Storage** (Sections C, F and J are not required):

☑ 3. Submit an Attestation of Completion of **Shipment to a Receiving Facility** (Sections C, **F** and J are not required):

☐ 4. Certify that Remediation Waste Was **Not Shipped, and the Bill of Lading is Void.** (Sections C, D, **E**, and F are not required)

5. Date Bill of Lading submitted to the Department: 4/3/2012 5:24:52 (mm/dd/yyyy) b. eDEP Transaction ID: 448793

6. Period of Generation Associated with this Bill of Lading 1/24/2012 (mm/dd/yyyy) to 1/24/2012 (mm/dd/yyyy)

(All sections of this transmittal form must be filled out unless otherwise noted)
The Bill of Lading is not considered complete until the Attestation of Completion of Shipment is received by the Department.

C. DESCRIPTION OF WASTE AND WASTE SOURCE:

1. Contaminated Media /Debris (check all that apply):
   ☐ a. Soil ☐ b. Groundwater ☐ c. Surface Water ☐ d. Sediment ☐ e. Vegetation or Organic Debris
   ☐ f. Demolition/Construction Waste ☐ g. Inorganic Absorbent Materials ☐ h. Other:
2. Uncontainerized Waste (check all that apply):
   ☐ a. Inorganic Absorbent Materials ☐ b. Other:

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BILL OF LADING (pursuant to 310 CMR 40.0030)

BWSC112

Release Tracking Number
3 - 13302

C. DESCRIPTION OF WASTE AND WASTE SOURCE (cont.):

3. Containerized Waste (check all that apply):

☐ a. Tank Bottoms/Sludges ☐ b. Containers ☐ c. Drums ☐ d. Engineered Impoundments

☐ e. Other:

4. Estimated Quantity: ☐ Tons ☐ Cu. Yds. ☐ Gallons

5. Contaminant Source (check one):

☐ a. Transportation Accident ☐ b. Underground Storage Tank ☐ c. Brownfields Redevelopment

☐ d. Other:

6. Type of Contaminant (check all that apply):

☐ a. Gasoline ☐ b. Diesel Fuel ☐ c. #2 Fuel Oil ☐ d. #4 Fuel Oil ☐ e. #6 Fuel Oil ☐ f. Jet Fuel

☐ g. Waste Oil ☐ h. Kerosene ☐ i. Chlorinated Solvents ☐ j. Urban Fill ☐ k. Other:

7. Constituents of Concern (check all that apply):

☐ a. As ☐ b. Cd ☐ c. Cr ☐ d. Pb ☐ e. Hg ☐ f. EPH/TPH ☐ g. VPH

☐ h. PCBs ☐ i. VOCs ☐ j. SVOCs ☐ k. Other:

8. If applicable, check the box for the Reportable Concentration Category of the site:

☐ a. RCS-1 ☐ b. RCS-2 ☐ c. RCGW-1 ☐ d. RCGW-2

9. Remediation Waste Characterization Documentation (check at least one):

☐ a. Site History Information ☐ b. Sampling Analytical Methods and Procedures ☐ c. Laboratory Data

☐ d. Field Screening Data ☐ e. Characterization Documentation previously submitted to the Department

i. Date submitted: (mm/dd/yyyy) ii. Type of Documentation:

D. TRANSPORTER OR COMMON CARRIER INFORMATION:

1. Transporter/Common Carrier Name: **BRIGHTER HORIZONS ENVIRONMENTAL INC**

2. Contact First Name: **SHANE** 3. Last Name: **DUVAL**

4. Street: **4 COURTHOUSE LANE UNIT 14** 5. Title: **CFO**

6. City/Town: **CHELMSFORD** 7. State: **MA** 8. Zip Code: **018240000**

9. Telephone: **(978) 970-0500** 10. Ext: 11. Fax:

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC112

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number
3 - 13302

E. RECEIVING FACILITY/TEMPORARY STORAGE LOCATION:

1. Operator/Facility Name: CHAMPION CITY RECYCLING
2. Contact First Name: C
3. Last Name: MORGAN
4. Street: 138 WILDER STREET
5. Title:
6. City/Town: BROCKTON
7. State: MA
8. Zip Code: 023010000
9. Telephone: (508) 941-6700
10. Ext:
11. Fax:
12. Type of Facility: (Check one)
    a. Temporary Storage i. Period of Temporary Storage: (mm/dd/yyyy) to (mm/dd/yyyy)
    ii. Reason for Temporary Storage:

☐ b. Asphalt Batch/Hot Mix ☐ c. Landfill/Disposal ☐ d. Landfill/Structural Fill ☐ e. Landfill/Daily Cover
☑ f. Asphalt Batch/Cold Mix ☐ g. Thermal Processing ☐ h. Incinerator ☐ i. Other:

13. Division of Hazardous Waste/Class A Permit Number:
14. Division of Solid Waste Permit Number:
15. EPA Identification Number:

F. LSP SIGNATURE AND STAMP:

I attest under the pains and penalties of perjury that I have personally examined and am familiar with this submittal form, including any and all documents accompanying this submittal. In my professional opinion and judgment based upon application of (i) the standard of care in 309 CMR 4.02(1), (ii) the applicable provisions of 309 CMR 4.02(2) and (3), and 309 CMR 4.03(2), and (iii) the provisions of 309 CMR 4.03(3), to the best of my knowledge, information and belief, the assessment action(s) undertaken to characterize the Remediation Waste which is (are) the subject of this submittal for acceptance at the facility identified in this submittal comply with applicable provisions of 310 CMR 40.0000, and such facility is permitted to accept Remediation Waste having the characteristics described in this submittal.

I am aware that significant penalties may result, including, but not limited to, possible fines and imprisonment, if I submit information which I know to be false, inaccurate or materially incomplete.

1. LSP #:
2. First Name:
3. Last Name:
4. Telephone:
5. Ext.
6. FAX:
7. Signature:
8. Date: (mm/dd/yyyy)
9. LSP Stamp:

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC112

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number
3 - 13302

G. PERSON SUBMITTING BILL OF LADING:

1. Check all that apply: ☐ a. change in contact name ☐ b. Change of address ☐ c. change in person undertaking response actions

2. Name of Organization: TWENTY WAYLAND LLC

3. Contact First Name: FRANK 4. Last Name: DOUGHERTY

5. Street: 10 MEMORIAL BLVD SUITE 901 6. Title:

7. City/Town: PROVIDENCE 8. State: RI 9. Zip Code: 029030000

10. Telephone: 4012738600 11. Ext: 12. Fax:

H. RELATIONSHIP TO SITE OF PERSON SUBMITTING BILL OF LADING:

☐ Check here to change relationship

☑ 1. RP or PRP: ☐ a. Owner ☐ b. Operator ☐ c. Generator ☐ d. Transporter

☑ e. Other RP or PRP Specify: NON-SPECIFIED PRP

☐ 2. Fiduciary, Secured Lender or Municipality with Exempt Status (as defined by M.G.L. c.21E, s.2):

☐ 3. Agency or Public Utility on a Right of Way (as defined by M.G.L. c.21E, s.5(j))

☐ 4. Any Other person Undertaking Response Actions: Specify Relationship:

I. REQUIRED ATTACHMENTS AND SUBMITTALS :

☐ 1. Check here if the Response Action(s) on which this opinion is based, if any, are (were) subject to any order(s), permit(s) and/or approvals issued by DEP or EPA. If the box is checked, you must attach a statement identifying the applicable provisions thereof.

☐ 2. Check here if any non-updatable information provided on this form is incorrect, e. g. property address. Send corrections to BWSC.eDEP@state.ma.us

☐ 3. Check here to certify that the LSP Opinion containing the material facts, data, and other information is attached.

J. CERTIFICATION OF PERSON SUBMITTING BILL OF LADING :

1. I, FRANCIS X. DOUGHERTY, attest under the pains and penalties or perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form, (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (iii) that I am fully authorized to make this attestation on behalf of the entity legally responsible for this submittal. I/the person or entity on whose behalf this submittal is made am/is aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

2. By: Francis X Dougherty 3. Title: Director of Development

4. For: TWENTY WAYLAND LLC (Name of person or entity recorded in Section H) 5. Date: 1/25/13 (mm/dd/yyyy)

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC112

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number
3 - 13302

J. CERTIFICATION OF PERSON SUBMITTING BILL OF LADING (cont.) :

☐ 6. Check here if the address of the person providing certification is different from address recorded in Section H.

7. Street:

8. City/Town: 9. State: 10. Zip Code:

11. Telephone: 12. Ext: 13. Fax:

YOU ARE SUBJECT TO AN ANNUAL COMPLIANCE ASSURANCE FEE OF UP TO $10,000 PER BILLABLE YEAR FOR THIS DISPOSAL SITE. YOU MUST LEGIBLY COMPLETE ALL RELEVANT SECTIONS OF THIS FORM OR DEP MAY RETURN THE DOCUMENT AS INCOMPLETE. IF YOU SUBMIT AN INCOMPLETE FORM, YOU MAY BE PENALIZED FOR MISSING A REQUIRED DEADLINE.

Date Stamp (MassDEP USE ONLY):

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC112A

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number: 3 - 13302

SUMMARY OF SHIPMENT SHEET 1 **OF** 1

A. SUMMARY OF SHIPMENT (To be filled out by the receiving facility upon receipt of Remediation Waste):

1. Date of Shipment: (mm/dd/yyyy)	2. Date of Receipt: (mm/dd/yyyy)	3. Number of Loads Shipped:	4. Daily Volume Shipped: ☐ yds³ ☑ tons ☐ gals
4/12/2012	4/12/2012	1	19.33
5. Totals Recorded on this Summary of Shipment Sheet:		1	19.33

B. ☐ Check here if additional BWSC112A BOL Summary Sheets are needed.

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC112B

Release Tracking Number
3 - 13302

BILL OF LADING (pursuant to 310 CMR 40.0030)
SUMMARY SHEET SIGNATURE PAGE

A. ACKNOWLEDGEMENT OF RECEIPT OF REMEDIATION WASTE AT RECEIVING FACILITY OR TEMPORARY STORAGE:

1. I, Ed Brdicka, attest under the pains and penalties or perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form, (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (iii) that I am fully authorized to make this attestation on behalf of the entity legally responsible for this submittal. I/the person or entity on whose behalf this submittal is made am/is aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

2. By: Ed Brdicka 3. Title: VICE PRESIDENT, ENGINEER

4. For: Sunny Farms Landfill 5. Date: 1/02/13 (mm/dd/yyyy)

6. Date of Final Shipment associated with this Bill of Lading: 4/12/2012 (mm/dd/yyyy)

B. ACKNOWLEDGEMENT OF SHIPMENT AND RECEIPT OF REMEDIATION WASTE BY PERSON CONDUCTING RESPONSE ACTIONS ASSOCIATED WITH THIS BILL OF LADING:

1. I, FRANCIS X. DOUGHERTY, attest under the pains and penalties or perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form, (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (iii) that I am fully authorized to make this attestation on behalf of the entity legally responsible for this submittal. I/the person or entity on whose behalf this submittal is made am/is aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

2. By: Francis X Dougherty 3. Title: Director of Development

4. For: TWENTY WAYLAND LLC (Name of person or entity recorded in Section G) 5. Date: 1/25/13 (mm/dd/yyyy)

☐ 6. Check here if the address of the person providing certification is different from address recorded in BWSC112 Section H.

7. Street: _____

8. City/Town: _____ 9. State: _____ 10. Zip Code: _____

11. Telephone: _____ 12. Ext: _____ 13. Fax: _____

☑ 14. Check here if attaching optional supporting documentation such as copies of Load Information Summary Sheets

Stoughton Recycling
508-941-6700/781-341-9920

001021
Brighter Horizons Environmental
PO Box 219
Chelmsford, MA 01824

GROSS WEIGHT	97,480.00
TARE WEIGHT	39,480.00
NET WEIGHT	58,000.00

01	74982	cmorgan	Chelmsford

DATE IN	DATE OUT	TIME IN	TIME OUT
4/12/12	4/12/12	8:34 am	8:47 am

REFERENCE	VEHICLE	ROLL OFF
MABARDY 48	BRIGHTERTT1	

INVOICE
INBOUND 2140330

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
29.00	TN	C&D Residual				

Hours of Operation
Monday-Friday 7am-4pm
Saturday 7am-1pm
Closed Sunday

Tax
46.71

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

WARNING: Transporting any unauthorized hazardous waste to this facility for disposal is prohibited by law. Persons violating this prohibition are subject to civil and criminal prosecutions.

SIGNATURE X

VERTEX®

Vertex –TCS, LLC
Vertex 合同会社
Vertex Engineering, PC
Vertex International LLC
Vertex Air Quality Services, LLC
Vertex Construction Services, Inc.
Vertex Environmental Services, Inc.
Vertex Environmental Insurance Services, Inc.
Vertex Ingenieros Consultores, S. de R.L. de C.V.

Corporate Headquarters
400 Libbey Parkway
Weymouth, MA 02189
www.vertexeng.com
p: 781.952.6000
f: 781.335.3543

January 25, 2013

Massachusetts Department of Environmental Protection
Northeast Region
Bureau of Waste Site Cleanup
205B Lowell Street
Wilmington, Massachusetts 01887

RE: **Bill Of Lading Part B**
Former Raytheon Facility
430 Boston Post Road
Wayland, Massachusetts
RTN 3-13302

To Whom It May Concern:

VERTEX Environmental Services, Inc. (VERTEX) is performing oversight of Release Abatement Measure (RAM) activities at 430 Boston Post Road in Wayland, Massachusetts (the Site). On April 12, 2012, a total of two stockpiles comprising approximately 30 cubic yards of impacted soil was transported off-Site for recycling. Bills of Lading (BOLs) were prepared for the stockpiled material based upon the source of impacts to the material. Each separate stockpile was sampled for disposal characterization separately. A separate BOL was prepared for each stockpile based upon the disposal characterization data. Stockpiles were identified by the disposal characterization name, as presented in the table below. Because additional work was conducted in this area BOL Part B was not submitted until it was confirmed that additional soil from the areas where these stockpiles were generated would not require off-site disposal.

Because the stockpiles volumes were less than the total capacity of the transporting truck and because stockpiled material was being transported to the same receiving facility for disposal, the two stockpiles were combined for transport. As a result, a portion of the tonnage presented on the weight slips for those stockpiles include tonnage from two separate stockpiles. To provide a more accurate description of the tonnage removed from the site per stockpile, the estimated percentage composition in each truck was calculated by VERTEX and the tonnage presented on the weight slip

was divided accordingly. The following describes the tonnage transported from the site, and includes the estimated tonnage derived from each on-site stockpile and identifies the truck used to transport the material.

Stockpile Disposal Sample Identification	Truck Number	Truck Tonnage	Approximate Percentage in Truck	Approximate Actual Tonnage	eDEP BOL Transaction Number
Transported April 12, 2012					
DISP-0124	1	29.00	33	9.67	466736
Basin 7	1	29.00	67	19.33	466168

Notes:

1. Stockpile Disposal Sample Identification is based upon the sample identification on the laboratory report.
2. Truck tonnage = total tonnage presented the truck weight slip
3. Approximate Truck percentage = percentage (volume) of the truck that the noted stockpile occupied.
4. Approximate Actual tonnage = the truck tonnage and the truck percentage were used to calculate the actual tonnage

If questions regarding the BOLs, please feel free to contact the undersigned at (781) 952-6000.

Jesse M. Freeman, EIT
Senior Project Manager

James B. O'Brien, LSP
President

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BILL OF LADING (pursuant to 310 CMR 40.0030)

BWSC112

Release Tracking Number
3 - 13302

A. LOCATION OF SITE OR DISPOSAL SITE WHERE REMEDIATION WASTE WAS GENERATED:

1. Release Name/Location Aid: RAYTHEON COMPANY
2. Street Address: 430 BOSTON POST RD
3. City/Town: WAYLAND 4. Zip Code: 017780000
5. ☑ Check her if a Tier Classification Submittal has been provided to DEP for this disposal site:
   ☐ a. Tier 1A ☐ b. Tier 1B ☑ b. Tier 1C ☐ d. Tier II
6. If applicable provide the Permit Number: 133939

B. THIS FORM IS BEING USED TO: (check one: B1-B4):

☐ 1. Submit a **Bill of Lading (BOL)** to transport Remediation Waste to Temporary Storage or a Receiving Facility. Response Actions associated with this BOL (check all that apply):

- ☐ a. Immediate Response Action (IRA)
- ☐ b. Release Abatement Measure (RAM)
- ☐ c. Downgradient Property Status (DPS)
- ☐ d. Utility Release Abatement Measure (URAM)
- ☐ e. Comprehensive Response Actions
- ☐ f.. Limited Removal Action (LRA): (must be retained pursuant to 310 CMR 40.0034(6); can't be submitted via eDEP)
- ☐ g. Other

☐ 2. Submit an Attestation of Completion of **Shipment to Temporary Storage** (Sections C, F and J are not required):

☑ 3. Submit an Attestation of Completion of **Shipment to a Receiving Facility** (Sections C, F and J are not required):

☐ 4. Certify that Remediation Waste Was **Not Shipped, and the Bill of Lading is Void.** (Sections C, D, E, and F are not required)

5. Date Bill of Lading submitted to the Department: 4/3/2012 5:24:52 (mm/dd/yyyy) b. eDEP Transaction ID: 448793

6. Period of Generation Associated with this Bill of Lading 1/24/2012 (mm/dd/yyyy) to 1/24/2012 (mm/dd/yyyy)

(All sections of this transmittal form must be filled out unless otherwise noted)
The Bill of Lading is not considered complete until the Attestation of Completion of Shipment is received by the Department.

C. DESCRIPTION OF WASTE AND WASTE SOURCE:

1. Contaminated Media /Debris (check all that apply):
   ☐ a. Soil ☐ b. Groundwater ☐ c. Surface Water ☐ d. Sediment ☐ e. Vegetation or Organic Debris
   ☐ f. Demolition/Construction Waste ☐ g. Inorganic Absorbent Materials ☐ h. Other:
2. Uncontainerized Waste (check all that apply):
   ☐ a. Inorganic Absorbent Materials ☐ b. Other:

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BILL OF LADING (pursuant to 310 CMR 40.0030)

BWSC112

Release Tracking Number
3 - 13302

C. DESCRIPTION OF WASTE AND WASTE SOURCE (cont.):

3. Containerized Waste (check all that apply):

☐ a. Tank Bottoms/Sludges ☐ b. Containers ☐ c. Drums ☐ d. Engineered Impoundments

☐ e. Other:

4. Estimated Quantity: ☐ Tons ☐ Cu. Yds. ☐ Gallons

5. Contaminant Source (check one):

☐ a. Transportation Accident ☐ b. Underground Storage Tank ☐ c. Brownfields Redevelopment

☐ d. Other:

6. Type of Contaminant (check all that apply):

☐ a. Gasoline ☐ b. Diesel Fuel ☐ c. #2 Fuel Oil ☐ d. #4 Fuel Oil ☐ e. #6 Fuel Oil ☐ f. Jet Fuel

☐ g. Waste Oil ☐ h. Kerosene ☐ i. Chlorinated Solvents ☐ j. Urban Fill ☐ k. Other:

7. Constituents of Concern (check all that apply):

☐ a. As ☐ b. Cd ☐ c. Cr ☐ d. Pb ☐ e. Hg ☐ f. EPH/TPH ☐ g. VPH

☐ h. PCBs ☐ i. VOCs ☐ j. SVOCs ☐ k. Other:

8. If applicable, check the box for the Reportable Concentration Category of the site:

☐ a. RCS-1 ☐ b. RCS-2 ☐ c. RCGW-1 ☐ d. RCGW-2

9. Remediation Waste Characterization Documentation (check at least one):

☐ a. Site History Information ☐ b. Sampling Analytical Methods and Procedures ☐ c. Laboratory Data

☐ d. Field Screening Data ☐ e. Characterization Documentation previously submitted to the Department

i. Date submitted: (mm/dd/yyyy) ii. Type of Documentation:

D. TRANSPORTER OR COMMON CARRIER INFORMATION:

1. Transporter/Common Carrier Name: **BRIGHTER HORIZONS ENVIRONMENTAL INC**

2. Contact First Name: **SHANE** 3. Last Name: **DUVAL**

4. Street: **4 COURTHOUSE LANE UNIT 14** 5. Title: **CFO**

6. City/Town: **CHELMSFORD** 7. State: **MA** 8. Zip Code: **018240000**

9. Telephone: **(978) 970-0500** 10. Ext: 11. Fax:

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC112

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number
3 - 13302

E. RECEIVING FACILITY/TEMPORARY STORAGE LOCATION:

1. Operator/Facility Name: CHAMPION CITY RECYCLING
2. Contact First Name: C 3. Last Name: MORGAN
4. Street: 138 WILDER STREET 5. Title:
6. City/Town: BROCKTON 7. State: MA 8. Zip Code: 023010000
9. Telephone: (508) 941-6700 10. Ext: 11. Fax:
12. Type of Facility: (Check one)
    a. Temporary Storage i. Period of Temporary Storage: (mm/dd/yyyy) to (mm/dd/yyyy)
    ii. Reason for Temporary Storage:

☐ b. Asphalt Batch/Hot Mix ☐ c. Landfill/Disposal ☐ d. Landfill/Structural Fill ☐ e. Landfill/Daily Cover
☑ f. Asphalt Batch/Cold Mix ☐ g. Thermal Processing ☐ h. Incinerator ☐ i. Other:

13. Division of Hazardous Waste/Class A Permit Number:
14. Division of Solid Waste Permit Number:
15. EPA Identification Number:

F. LSP SIGNATURE AND STAMP:

I attest under the pains and penalties of perjury that I have personally examined and am familiar with this submittal form, including any and all documents accompanying this submittal. In my professional opinion and judgment based upon application of (i) the standard of care in 309 CMR 4.02(1), (ii) the applicable provisions of 309 CMR 4.02(2) and (3), and 309 CMR 4.03(2), and (iii) the provisions of 309 CMR 4.03(3), to the best of my knowledge, information and belief, the assessment action(s) undertaken to characterize the Remediation Waste which is (are) the subject of this submittal for acceptance at the facility identified in this submittal comply with applicable provisions of 310 CMR 40.0000, and such facility is permitted to accept Remediation Waste having the characteristics described in this submittal.

I am aware that significant penalties may result, including, but not limited to, possible fines and imprisonment, if I submit information which I know to be false, inaccurate or materially incomplete.

1. LSP #:
2. First Name: 3. Last Name:
4. Telephone: 5. Ext.
6. FAX:
7. Signature:
8. Date: (mm/dd/yyyy)
9. LSP Stamp:

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC112

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number
3 - 13302

G. PERSON SUBMITTING BILL OF LADING:

1. Check all that apply: ☐ a. change in contact name ☐ b. Change of address ☐ c. change in person undertaking response actions

2. Name of Organization: TWENTY WAYLAND LLC

3. Contact First Name: FRANK 4. Last Name: DOUGHERTY

5. Street: 10 MEMORIAL BLVD SUITE 901 6. Title:

7. City/Town: PROVIDENCE 8. State: RI 9. Zip Code: 029030000

10. Telephone: 4012738600 11. Ext: 12. Fax:

H. RELATIONSHIP TO SITE OF PERSON SUBMITTING BILL OF LADING:

☐ Check here to change relationship

☑ 1. RP or PRP: ☐ a. Owner ☐ b. Operator ☐ c. Generator ☐ d. Transporter

☑ e. Other RP or PRP Specify: NON-SPECIFIED PRP

☐ 2. Fiduciary, Secured Lender or Municipality with Exempt Status (as defined by M.G.L. c.21E, s.2):

☐ 3. Agency or Public Utility on a Right of Way (as defined by M.G.L. c.21E, s.5(j))

☐ 4. Any Other person Undertaking Response Actions: Specify Relationship:

I. REQUIRED ATTACHMENTS AND SUBMITTALS :

☐ 1. Check here if the Response Action(s) on which this opinion is based, if any, are (were) subject to any order(s), permit(s) and/or approvals issued by DEP or EPA. If the box is checked, you must attach a statement identifying the applicable provisions thereof.

☐ 2. Check here if any non-updatable information provided on this form is incorrect, e. g. property address. Send corrections to BWSC.eDEP@state.ma.us

☐ 3. Check here to certify that the LSP Opinion containing the material facts, data, and other information is attached.

J. CERTIFICATION OF PERSON SUBMITTING BILL OF LADING :

1. I, FRANCIS X. DOUGHERTY, attest under the pains and penalties or perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form, (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (iii) that I am fully authorized to make this attestation on behalf of the entity legally responsible for this submittal. I/the person or entity on whose behalf this submittal is made am/is aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

2. By: Francis X Dougherty 3. Title: Director of Development

4. For: TWENTY WAYLAND LLC (Name of person or entity recorded in Section H) 5. Date: 1/25/13 (mm/dd/yyyy)

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC112

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number
3 - 13302

J. CERTIFICATION OF PERSON SUBMITTING BILL OF LADING (cont.) :

☐ 6. Check here if the address of the person providing certification is different from address recorded in Section H.

7. Street:

8. City/Town: 9. State: 10. Zip Code:

11. Telephone: 12. Ext: 13. Fax:

YOU ARE SUBJECT TO AN ANNUAL COMPLIANCE ASSURANCE FEE OF UP TO $10,000 PER BILLABLE YEAR FOR THIS DISPOSAL SITE. YOU MUST LEGIBLY COMPLETE ALL RELEVANT SECTIONS OF THIS FORM OR DEP MAY RETURN THE DOCUMENT AS INCOMPLETE. IF YOU SUBMIT AN INCOMPLETE FORM, YOU MAY BE PENALIZED FOR MISSING A REQUIRED DEADLINE.

Date Stamp (MassDEP USE ONLY):

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC112A

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number 3 - 13302

SUMMARY OF SHIPMENT SHEET 1 **OF** 1

A. SUMMARY OF SHIPMENT (To be filled out by the receiving facility upon receipt of Remediation Waste):

1. Date of Shipment: (mm/dd/yyyy)	2. Date of Receipt: (mm/dd/yyyy)	3. Number of Loads Shipped:	4. Daily Volume Shipped: ☐ yds³ ☑ tons ☐ gals
4/12/2012	4/12/2012	1	9.67
5. Totals Recorded on this Summary of Shipment Sheet:		1	9.67

B. ☐ Check here if additional BWSC112A BOL Summary Sheets are needed.

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC112B

Release Tracking Number
3 - 13302

BILL OF LADING (pursuant to 310 CMR 40.0030)
SUMMARY SHEET SIGNATURE PAGE

A. ACKNOWLEDGEMENT OF RECEIPT OF REMEDIATION WASTE AT RECEIVING FACILITY OR TEMPORARY STORAGE:

1. I, Ed Brdicka, attest under the pains and penalties or perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form, (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (iii) that I am fully authorized to make this attestation on behalf of the entity legally responsible for this submittal. I/the person or entity on whose behalf this submittal is made am/is aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

2. By: Ed Brdicka 3. Title: VICE PRESIDENT, ENGINEER

4. For: Sunny Farms Landfill 5. Date: 1/02/13 (mm/dd/yyyy)

6. Date of Final Shipment associated with this Bill of Lading: 4/12/2012 (mm/dd/yyyy)

B. ACKNOWLEDGEMENT OF SHIPMENT AND RECEIPT OF REMEDIATION WASTE BY PERSON CONDUCTING RESPONSE ACTIONS ASSOCIATED WITH THIS BILL OF LADING:

1. I, FRANCIS X. DOUGHERTY, attest under the pains and penalties or perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form, (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (iii) that I am fully authorized to make this attestation on behalf of the entity legally responsible for this submittal. I/the person or entity on whose behalf this submittal is made am/is aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

2. By: Francis X Dougherty 3. Title: Director of Development

4. For: TWENTY WAYLAND LLC (Name of person or entity recorded in Section G) 5. Date: 1/25/13 (mm/dd/yyyy)

☐ 6. Check here if the address of the person providing certification is different from address recorded in BWSC112 Section H.

7. Street: _____

8. City/Town: _____ 9. State: _____ 10. Zip Code: _____

11. Telephone: _____ 12. Ext: _____ 13. Fax: _____

☑ 14. Check here if attaching optional supporting documentation such as copies of Load Information Summary Sheets

Stoughton Recycling
508-941-6700/781-341-9920

001021
Brighter Horizons Environmental
PO Box 219
Chelmsford, MA 01824

GROSS WEIGHT	97,480.00
TARE WEIGHT	39,480.00
NET WEIGHT	58,000.00

01	74982	cmorgan	Chelmsford

DATE IN	DATE OUT	TIME IN	TIME OUT
4/12/12	4/12/12	8:34 am	8:47 am

REFERENCE	VEHICLE	ROLL OFF
MABARDY 48	BRIGHTERTT1	

INVOICE
INBOUND 2140330

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
29.00	TN	C&D Residual				

Hours of Operation
Monday-Friday 7am-4pm
Saturday 7am-1pm
Closed Sunday

Tax
46.71

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

WARNING: Transporting any unauthorized hazardous waste to this facility for disposal is prohibited by law. Persons violating this prohibition are subject to civil and criminal prosecutions.

SIGNATURE X

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC112

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number: 3 - 13302

A. LOCATION OF SITE OR DISPOSAL SITE WHERE REMEDIATION WASTE WAS GENERATED:

1. Release Name/Location Aid: RAYTHEON COMPANY
2. Street Address: 430 BOSTON POST RD
3. City/Town: WAYLAND 4. Zip Code: 017780000
5. ☐ Check her if a Tier Classification Submittal has been provided to DEP for this disposal site:
   ☐ a. Tier 1A ☐ b. Tier 1B ☑ b. Tier 1C ☐ d. Tier II
6. If applicable provide the Permit Number: 133939

B. THIS FORM IS BEING USED TO: (check one: B1-B4):

☐ 1. Submit a **Bill of Lading (BOL)** to transport Remediation Waste to Temporary Storage or a Receiving Facility. Response Actions associated with this BOL (check all that apply):

- ☐ a. Immediate Response Action (IRA)
- ☐ b. Release Abatement Measure (RAM)
- ☐ c. Downgradient Property Status (DPS)
- ☐ d. Utility Release Abatement Measure (URAM)
- ☐ e. Comprehensive Response Actions
- ☐ f.. Limited Removal Action (LRA): (must be retained pursuant to 310 CMR 40.0034(6); can't be submitted via eDEP)
- ☐ g. Other

☐ 2. Submit an Attestation of Completion of **Shipment to Temporary Storage** (Sections C, F and J are not required):

☑ 3. Submit an Attestation of Completion of **Shipment to a Receiving Facility** (Sections C, F and J are not required):

☐ 4. Certify that Remediation Waste Was **Not Shipped, and the Bill of Lading is Void.** (Sections C, D, E, and F are not required)

5. Date Bill of Lading submitted to the Department: 1/13/2012 11:11:3 (mm/dd/yyyy) b. eDEP Transaction ID: 442486

6. Period of Generation Associated with this Bill of Lading 12/18/2011 (mm/dd/yyyy) to 12/18/2011 (mm/dd/yyyy)

(All sections of this transmittal form must be filled out unless otherwise noted)
The Bill of Lading is not considered complete until the Attestation of Completion of Shipment is received by the Department.

C. DESCRIPTION OF WASTE AND WASTE SOURCE:

1. Contaminated Media /Debris (check all that apply):
   ☐ a. Soil ☐ b. Groundwater ☐ c. Surface Water ☐ d. Sediment ☐ e. Vegetation or Organic Debris
   ☐ f. Demolition/Construction Waste ☐ g. Inorganic Absorbent Materials ☐ h. Other:
2. Uncontainerized Waste (check all that apply):
   ☐ a. Inorganic Absorbent Materials ☐ b. Other:

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BILL OF LADING (pursuant to 310 CMR 40.0030)

BWSC112

Release Tracking Number
3 - 13302

C. DESCRIPTION OF WASTE AND WASTE SOURCE (cont.):

3. Containerized Waste (check all that apply):

☐ a. Tank Bottoms/Sludges ☐ b. Containers ☐ c. Drums ☐ d. Engineered Impoundments

☐ e. Other:

4. Estimated Quantity: ☐ Tons ☐ Cu. Yds. ☐ Gallons

5. Contaminant Source (check one):

☐ a. Transportation Accident ☐ b. Underground Storage Tank ☐ c. Brownfields Redevelopment

☐ d. Other:

6. Type of Contaminant (check all that apply):

☐ a. Gasoline ☐ b. Diesel Fuel ☐ c. #2 Fuel Oil ☐ d. #4 Fuel Oil ☐ e. #6 Fuel Oil ☐ f. Jet Fuel

☐ g. Waste Oil ☐ h. Kerosene ☐ i. Chlorinated Solvents ☐ j. Urban Fill ☐ k. Other:

7. Constituents of Concern (check all that apply):

☐ a. As ☐ b. Cd ☐ c. Cr ☐ d. Pb ☐ e. Hg ☐ f. EPH/TPH ☐ g. VPH

☐ h. PCBs ☐ i. VOCs ☐ j. SVOCs ☐ k. Other:

8. If applicable, check the box for the Reportable Concentration Category of the site:

☐ a. RCS-1 ☐ b. RCS-2 ☐ c. RCGW-1 ☐ d. RCGW-2

9. Remediation Waste Characterization Documentation (check at least one):

☐ a. Site History Information ☐ b. Sampling Analytical Methods and Procedures ☐ c. Laboratory Data

☐ d. Field Screening Data ☐ e. Characterization Documentation previously submitted to the Department

i. Date submitted: (mm/dd/yyyy) ii. Type of Documentation:

D. TRANSPORTER OR COMMON CARRIER INFORMATION:

1. Transporter/Common Carrier Name: BRIGHTER HORIZONS ENVIRONMENTAL INC

2. Contact First Name: SHANE 3. Last Name: DUVAL

4. Street: 4 COURTHOUSE LANE UNIT 14 5. Title: CFO

6. City/Town: CHELMSFORD 7. State: MA 8. Zip Code: 018240000

9. Telephone: 9789700500 10. Ext: 11. Fax:

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC112

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number
3 - 13302

E. RECEIVING FACILITY/TEMPORARY STORAGE LOCATION:

1. Operator/Facility Name: CPRC GROUP
2. Contact First Name: REGGIE 3. Last Name: SAUNDERS
4. Street: 2 GIBSON ROAD 5. Title:
6. City/Town: SCARBOROUGH 7. State: ME 8. Zip Code: 040740000
9. Telephone: 207 883 3325 10. Ext: 11. Fax: 207 883 1121
12. Type of Facility: (Check one)
a. Temporary Storage i. Period of Temporary Storage: (mm/dd/yyyy) to (mm/dd/yyyy)
ii. Reason for Temporary Storage:

☐ b. Asphalt Batch/Hot Mix ☐ c. Landfill/Disposal ☐ d. Landfill/Structural Fill ☐ e. Landfill/Daily Cover
☑ f. Asphalt Batch/Cold Mix ☐ g. Thermal Processing ☐ h. Incinerator ☐ i. Other:

13. Division of Hazardous Waste/Class A Permit Number:
14. Division of Solid Waste Permit Number: S-021243-WK-A-N
15. EPA Identification Number:

F. LSP SIGNATURE AND STAMP:

I attest under the pains and penalties of perjury that I have personally examined and am familiar with this submittal form, including any and all documents accompanying this submittal. In my professional opinion and judgment based upon application of (i) the standard of care in 309 CMR 4.02(1), (ii) the applicable provisions of 309 CMR 4.02(2) and (3), and 309 CMR 4.03(2), and (iii) the provisions of 309 CMR 4.03(3), to the best of my knowledge, information and belief, the assessment action(s) undertaken to characterize the Remediation Waste which is (are) the subject of this submittal for acceptance at the facility identified in this submittal comply with applicable provisions of 310 CMR 40.0000, and such facility is permitted to accept Remediation Waste having the characteristics described in this submittal.

I am aware that significant penalties may result, including, but not limited to, possible fines and imprisonment, if I submit information which I know to be false, inaccurate or materially incomplete.

1. LSP #:
2. First Name: 3. Last Name:
4. Telephone: 5. Ext.
6. FAX:
7. Signature:
8. Date: (mm/dd/yyyy)
9. LSP Stamp:

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC112

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number
3 - 13302

G. PERSON SUBMITTING BILL OF LADING:

1. Check all that apply: ☐ a. change in contact name ☐ b. Change of address ☐ c. change in person undertaking response actions
2. Name of Organization: TWENTY WAYLAND LLC
3. Contact First Name: FRANK 4. Last Name: DOUGHERTY
5. Street: 10 MEMORIAL BLVD SUITE 901 6. Title:
7. City/Town: PROVIDENCE 8. State: RI 9. Zip Code: 029030000
10. Telephone: 4012738600 11. Ext: 12. Fax:

H. RELATIONSHIP TO SITE OF PERSON SUBMITTING BILL OF LADING:

☐ Check here to change relationship

☑ 1. RP or PRP: ☐ a. Owner ☐ b. Operator ☐ c. Generator ☐ d. Transporter
☑ e. Other RP or PRP Specify: NON-SPECIFIED PRP

☐ 2. Fiduciary, Secured Lender or Municipality with Exempt Status (as defined by M.G.L. c.21E, s.2):

☐ 3. Agency or Public Utility on a Right of Way (as defined by M.G.L. c.21E, s.5(j))

☐ 4. Any Other person Undertaking Response Actions: Specify Relationship:

I. REQUIRED ATTACHMENTS AND SUBMITTALS :

☐ 1. Check here if the Response Action(s) on which this opinion is based, if any, are (were) subject to any order(s), permit(s) and/or approvals issued by DEP or EPA. If the box is checked, you must attach a statement identifying the applicable provisions thereof.

☐ 2. Check here if any non-updatable information provided on this form is incorrect, e. g. property address. Send corrections to BWSC.eDEP@state.ma.us

☐ 3. Check here to certify that the LSP Opinion containing the material facts, data, and other information is attached.

J. CERTIFICATION OF PERSON SUBMITTING BILL OF LADING :

1. I, _____, attest under the pains and penalties or perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form, (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (iii) that I am fully authorized to make this attestation on behalf of the entity legally responsible for this submittal. I/the person or entity on whose behalf this submittal is made am/is aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

2. By: _____ 3. Title: _____

4. For _____ 5. Date: _____
(Name of person or entity recorded in Section H) (mm/dd/yyyy)

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC112

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number
3 - 13302

J. CERTIFICATION OF PERSON SUBMITTING BILL OF LADING (cont.) :

☐ 6. Check here if the address of the person providing certification is different from address recorded in Section H.

7. Street:

8. City/Town: 9. State: 10. Zip Code:

11. Telephone: 12. Ext: 13. Fax:

YOU ARE SUBJECT TO AN ANNUAL COMPLIANCE ASSURANCE FEE OF UP TO $10,000 PER BILLABLE YEAR FOR THIS DISPOSAL SITE. YOU MUST LEGIBLY COMPLETE ALL RELEVANT SECTIONS OF THIS FORM OR DEP MAY RETURN THE DOCUMENT AS INCOMPLETE. IF YOU SUBMIT AN INCOMPLETE FORM, YOU MAY BE PENALIZED FOR MISSING A REQUIRED DEADLINE.

Date Stamp (MassDEP USE ONLY):

Received by DEP on

7/25/2012 9:19:12 AM

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC112A

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number 3 - 13302

SUMMARY OF SHIPMENT SHEET 1 **OF** 1

A. SUMMARY OF SHIPMENT (To be filled out by the receiving facility upon receipt of Remediation Waste):

1. Date of Shipment: (mm/dd/yyyy)	2. Date of Receipt: (mm/dd/yyyy)	3. Number of Loads Shipped:	4. Daily Volume Shipped: ☐ yds³ ☑ tons ☐ gals
1/25/2012	1/25/2012	1	12.84
5. Totals Recorded on this Summary of Shipment Sheet:		1	12.84

B. ☐ Check here if additional BWSC112A BOL Summary Sheets are needed.

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC112B

Release Tracking Number
3 - 13302

BILL OF LADING (pursuant to 310 CMR 40.0030)
SUMMARY SHEET SIGNATURE PAGE

A. ACKNOWLEDGEMENT OF RECEIPT OF REMEDIATION WASTE AT RECEIVING FACILITY OR TEMPORARY STORAGE:

1. I, **Marcia Montague**, attest under the pains and penalties or perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form, (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (iii) that I am fully authorized to make this attestation on behalf of the entity legally responsible for this submittal. I/the person or entity on whose behalf this submittal is made am/is aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

2. By: **Marcia Montague** 3. Title:

4. For: **TWENTY WAYLAND LLC** 5. Date: **3/2/2012** (mm/dd/yyyy)

6. Date of Final Shipment associated with this Bill of Lading: **1/25/2012** (mm/dd/yyyy)

B. ACKNOWLEDGEMENT OF SHIPMENT AND RECEIPT OF REMEDIATION WASTE BY PERSON CONDUCTING RESPONSE ACTIONS ASSOCIATED WITH THIS BILL OF LADING:

1. I, **Frank Dougherty**, attest under the pains and penalties or perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form, (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (iii) that I am fully authorized to make this attestation on behalf of the entity legally responsible for this submittal. I/the person or entity on whose behalf this submittal is made am/is aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

2. By: **Frank Dougherty** 3. Title:

4. For: **TWENTY WAYLAND LLC** (Name of person or entity recorded in Section G) 5. Date: **7/24/2012** (mm/dd/yyyy)

☐ 6. Check here if the address of the person providing certification is different from address recorded in BWSC112 Section H.

7. Street: _____

8. City/Town: _____ 9. State: _____ 10. Zip Code: _____

11. Telephone: _____ 12. Ext: _____ 13. Fax: _____

☑ 14. Check here if attaching optional supporting documentation such as copies of Load Information Summary Sheets

Appendix D: Vapor Venting System Information

VERTEX®

Vertex Environmental Services, Inc.
Vertex Environmental Insurance Services, Inc.
Vertex Construction Services, Inc.
Vertex International Services
Vertex Air Quality Services, LLC
Vertex Ingenieros Consultores, S. de R.L. de C.V.

Corporate Headquarters
400 Libbey Parkway
Weymouth, MA 02189
www.vertexeng.com
p: 781.952.6000
f: 781.335.3543

August 28, 2012

Twenty Wayland, LLC
10 Memorial Boulevard
Suite 901
Providence, RI 02903
Attention: Mr. Frank Dougherty

Re: ***Building 1C Venting System Visual Inspection***
430 Boston Post Road
Wayland, Massachusetts
VERTEX Project No. 19163

Dear Mr. Dougherty:

Vertex Environmental Services, Inc. (VERTEX) is pleased to present this letter summarizing the visual inspection(s) of the vapor venting sub-slab piping for Building 1C currently being constructed at the above referenced property (the site). At the request of Twenty Wayland, LLC, (Twenty Wayland), VERTEX provided stamped construction plans for the construction of a venting system to be installed below the concrete slab of Building 1C. The stamped plans (last revision as of this letter June 20, 2012) were incorporated into the overall construction documentation by the site architect for use by the site contractor(s) to install and construct the venting system piping.

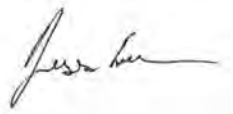
As part of the venting system design and installation, Twenty Wayland requested that VERTEX conduct visual inspections during piping installation by the contractor to confirm that the piping was being installed in general accordance with the VERTEX design plans prior to the installation of the concrete slab. In addition, VERTEX collected photographic documentation of the venting system piping which is attached for reference.

The inspection was performed on August 22, and 24, 2012. The inspections performed were visual-only observations of the venting system piping, trenching and gravel layers. The venting system piping appears to have been installed in general accordance with the architectural construction documents and VERTEX design specifications, with the exception of the location of the two centrally located 4-inch diameter screen segments. These two segments were relocated because of the presence of building footings in the proposed locations. Therefore, these two sections of screen were moved approximately three feet to the east from their proposed location. The location of the eastern and western screen segments, and solid PVC termination points, and the solid PVC riser to the roof vent on the northwestern portion of the building were not altered.

Please do not hesitate to contact us should you have any questions or require additional information.

Sincerely,

Vertex Environmental Services, Inc.



Jesse Freeman
Senior Project Manager

Jon Noris, PE, LSP
Engineer of Record

Encl: Photographs

Photographic Documentation
430 Boston Post Road (Route 20)
Wayland, Massachusetts
Project No.
19163

Photograph: 1 **Description:** Photo depicts of trench for screened PVC within the eastern side of Building 1-C, facing south.	
Photograph: 2 **Description:** Photo depicts stone base for screened PVC within the eastern side of Building 1-C, facing south.	

Photographs taken by P. Plante on August 22 and 24, 2012)

Photographic Documentation
430 Boston Post Road (Route 20)
Wayland, Massachusetts
Project No.
19163

Photograph: 3 **Description:** Photo depicts screened PVC with sleeve surrounded by stone within the eastern side of Building 1-C, facing south.	

Photograph: 4 **Description:** Photo depicts view of roof vent in Building 1-C, facing west.	

Photographic Documentation
430 Boston Post Road (Route 20)
Wayland, Massachusetts
Project No.
19163

Photograph: 5 **Description:** Photo depicts view of SSDS system installed and covered with stone in Building 1-C, facing west.	

Photograph: 6 **Description:** Photo depicts view of solid PVC outlet on the southern side of Building 1-C.	

Photographic Documentation
430 Boston Post Road (Route 20)
Wayland, Massachusetts
Project No.
19163

Photograph: 7 **Description:** Photo depicts view of buried PVC outlet in Building 1-C, facing south.	

Photograph: 8 **Description:** Photo depicts view of solid PVC pipes exiting the southern side of Building 1-C.	

Photographic Documentation
430 Boston Post Road (Route 20)
Wayland, Massachusetts
Project No.
19163

Photograph: 9 **Description:** Photo depicts of buried PVC screen surrounded by stone located on the eastern side of Building 1-C, facing north.	

Photograph: 10 **Description:** Photo depicts of buried PVC screen surrounded by stone located on the eastern side of Building 1-C, facing north.	

Photographic Documentation
430 Boston Post Road (Route 20)
Wayland, Massachusetts
Project No.
19163

Photograph: 11 **Description:** Photo depicts view of sleeve-wrapped PVC pipe on the eastern portion of Building 1-C.	

Photograph: 12 **Description:** Photo depicts of solid PVC segment located on the southern side of Building 1-C.	

VERTEX®

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Vertex International Services
Vertex Air Quality Services, LLC
Vertex Ingenieros Consultores, S. de R.L. de C.V.

Corporate Headquarters
400 Libbey Parkway
Weymouth, MA 02189
www.vertexeng.com
p: 781.952.6000
f: 781.335.3543

October 4, 2012

Twenty Wayland, LLC
10 Memorial Boulevard
Suite 901
Providence, RI 02903
Attention: Mr. Frank Dougherty

Re: ***Building 2C Venting System Visual Inspection***
430 Boston Post Road
Wayland, Massachusetts
VERTEX Project No. 19163

Dear Mr. Dougherty:

Vertex Environmental Services, Inc. (VERTEX) is pleased to present this letter summarizing the visual inspection(s) of the vapor venting sub-slab piping for Building 2C currently being constructed at the above referenced property (the site). At the request of Twenty Wayland, LLC, (Twenty Wayland), VERTEX provided stamped construction plans for the construction of a venting system to be installed below the concrete slab of Building 2C. The June 20, 2012, stamped plans were incorporated into the overall construction documentation by the site architect for use by the site contractor(s) to install and construct the venting system piping. The stamped plans were revised on September 26, 2012 to modify the location of the subsurface piping on the western portion of Building 2F to avoid footings and other subsurface obstructions. These modifications did not change the design for Building 2C. A copy of the September 26, 2012, stamped plans associated with the revision that show the venting system pipe locations are attached.

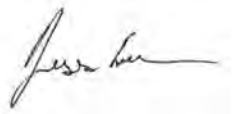
As part of the venting system design and installation, Twenty Wayland requested that VERTEX conduct visual inspections during piping installation by the contractor to confirm that the piping was being installed in general accordance with the VERTEX design plans prior to the installation of the concrete slab. In addition, VERTEX collected photographic documentation of the venting system piping which is attached for reference.

The inspection was performed on October 4, 2012. The inspections performed were visual-only observations of the venting system piping, trenching and gravel layers. The venting system piping appears to have been installed in general accordance with the September 26, 2012 stamped plans, with the exception that the northernmost solid PVC section was slightly altered to accommodate subsurface utilities. Additionally, the central two PVC screen sections were installed approximately four feet to the east to avoid subslab footing. The locations of the remaining screen segments, remaining solid PVC termination points, and the solid PVC riser to the roof vent were not altered.

Please do not hesitate to contact us should you have any questions or require additional information.

Sincerely,

Vertex Environmental Services, Inc.



Jesse Freeman
Senior Project Manager

Jon Noris, PE, LSP
Engineer of Record

Encl: Photographs

Photographic Documentation
Building 2C Subs-lab Depressurization System
430 Boston Post Road
Wayland, Massachusetts
Project No. 19163

Photograph: 1 **Description:** View of a centrally-located slotted screen segment in Building 2C.	

Photograph: 2 **Description:** The trench and centrally-located slotted screen segment.	

Photographic Documentation
Building 2C Subs-lab Depressurization System
430 Boston Post Road
Wayland, Massachusetts
Project No. 19163

Photograph: 3 **Description:** Close-up of a slotted screen segment.	

Photograph: 4 **Description:** View to the west of the interior of Building 2C. A central screened leg and the western screened leg are visible.	

Photographic Documentation
Building 2C Subs-lab Depressurization System
430 Boston Post Road
Wayland, Massachusetts
Project No. 19163

Photograph: 5 **Description:** Digging a PVC riser trench in the southern area of Building 2C.	

Photograph: 6 **Description:** Installing the riser PVC section at the southern end of Building 2C.	

Photographic Documentation
Building 2C Subs-lab Depressurization System
430 Boston Post Road
Wayland, Massachusetts
Project No. 19163

Photograph: 7 **Description:** Installing a centrally-located screened PVC section.	

Photograph: 8 **Description:** View of the western end of Building 2C covered with ¾" crushed stone.	

Photographic Documentation
Building 2C Subs-lab Depressurization System
430 Boston Post Road
Wayland, Massachusetts
Project No. 19163

Photograph: 9 **Description:** .View of the roof vent at the southwestern corner of Building 2C.	

Photograph: 10 **Description:** View of the interior of Building 2C.	

Photographic Documentation
Building 2C Subs-lab Depressurization System
430 Boston Post Road
Wayland, Massachusetts
Project No. 19163

Photograph: 11 **Description:** Close-up of an exposed slotted screen segment in the eastern end of Building 2C.	

Photograph: 12 **Description:** View of the exterior of Building 2C from the northeast.	

Future Municipal WWTP
NOT A PART OF PROPOSED WAYLAND TOWN CENTER PROJECT SHOWN FOR INFORMATIONAL PURPOSES ONLY

RESIDENCE ZONING DISTRICT
LIMITED COMMERCIAL ZONING DISTRICT

SEE GENERAL NOTES ON SHEETS SH5 AND SH6

PUBLIC GREEN (FORMAL) 0.32 Acres [14,097 S.F.]
PUBLIC GREEN (INFORMAL) 1.68 Acres
LEACHING FIELD RESERVE AREA 24,650 SF
FUTURE BUILDING PAD 3-A FFE=132.50
LOADING AREA
FUTURE BUILDING PAD 2-D FFE=133.50
FUTURE BUILDING PAD 2-C FFE=135.25
FUTURE BUILDING PAD 1-C FFE=135.75
FUTURE BUILDING PAD 1-B FFE=136.25
2-F FFE=134.50
2-E
2-D FFE=133.50
2-C FFE=135.25
1-C FFE=135.75
NON-RESIDENTIAL BUILDING 4-A
NON-RESIDENTIAL BUILDING 2-B
NON-RESIDENTIAL BUILDING 2-A
BUILDING 5-A GROCERY FFE=136.75
BUILDING 1-A 1ST FLOOR NON-RESIDENTIAL 2ND FLOOR OFFICE
RESIDENTIAL
GARAGE
BASIN 2
BASIN 3
BASIN 4
WOOD EMERGENCY STRUCTURE
METAL BAR SCREEN
SECONDARY TANK
ADM TANK
BRICK HEIGHT=10'
1 ST BRICK HEIGHT=8
CMP
METAL BAR
GATE
LIMITED COMMERCIAL ZONING DISTRICT
RESIDENCE ZONING DISTRICT
GRAPHIC SCALE IN FEET 50 0 25 50 100
N

SHEET NUMBER	SH1
1 OF 8 SHEETS	
JOB NUMBER: 19163	
DESIGNED BY: JMF	
DRAWN BY: EPN	
CHECKED BY: JON NORIS, PE	
SCALE: 1" = 50'-0"	
DATE: MAY 9, 2012	

DRAWING TITLE:
VENTING SYSTEM DESIGN - PHASE 1, WAYLAND TOWN CENTER

VERTEX®
ENVIRONMENTAL SERVICES, INC.
400 LIBBEY PARKWAY
WEYMOUTH, MA 02189
PH (781) 952-6000, FAX (781) 335-3543

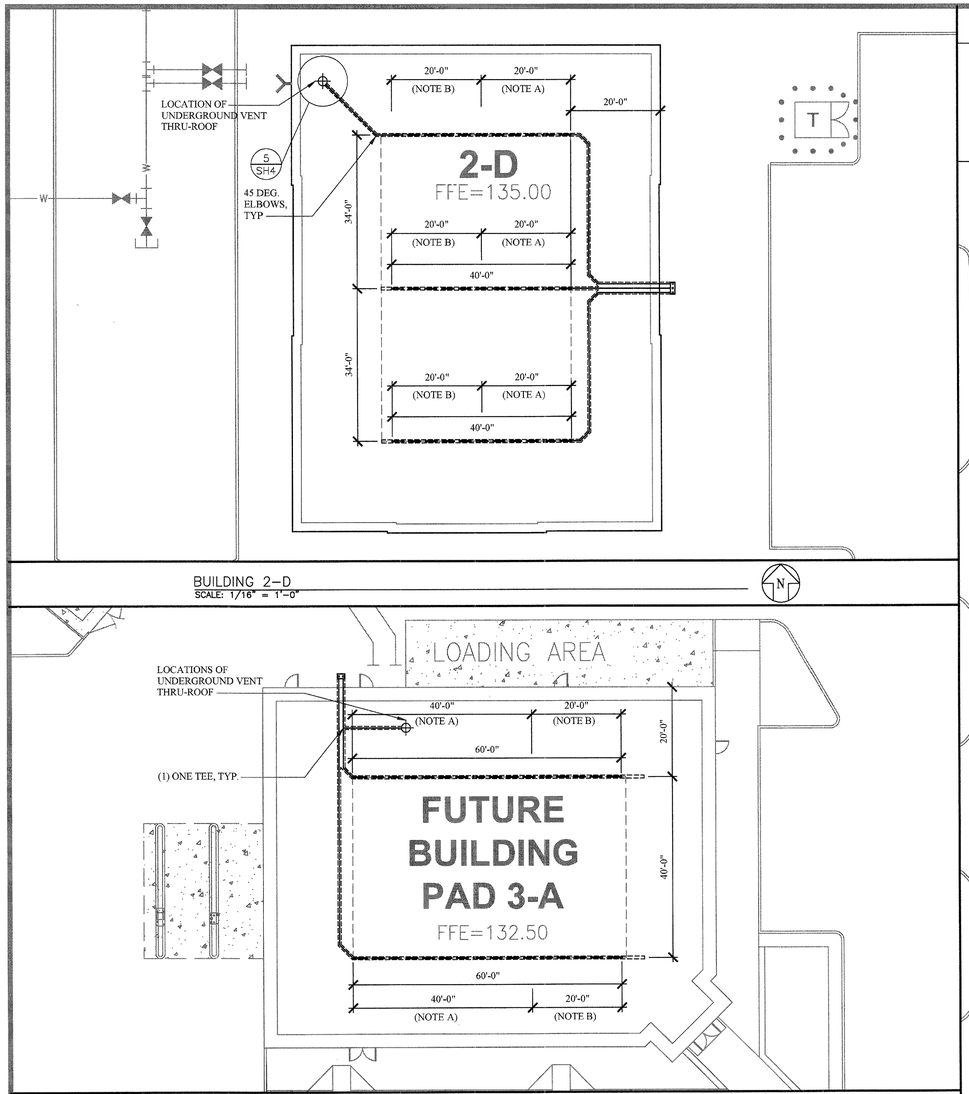
Wayland Town Center
430 Boston Post Road
Wayland, Massachusetts

REV	DATE	DESCRIPTION	BY
1	3/15/12	CONCEPTUAL DESIGN	JMF
2	3/9/12	CONSTRUCTION DRAWINGS	JMF

COMMONWEALTH OF MASSACHUSETTS
JON NORIS
CIVIL
No. 41356
REGISTERED PROFESSIONAL ENGINEER
Jonathan Noris 9/26/12

NOTES:

1. SEE GENERAL NOTES ON SHEETS SH5 AND SH6.
2. FOR NOTE A AND NOTE B, REFER TO DETAIL 1 IN SHEET SH4.



REV	DATE	DESCRIPTION	BY
1	3/15/12	CONCEPTUAL DESIGN	JMF
2	3/9/12	CONSTRUCTION DRAWINGS	JMF
3	6/13/12	CONSTRUCTION DRAWINGS	JMF

Wayland Town Center

430 Boston Post Road
Wayland, Massachusetts

VERITEX®
ENVIRONMENTAL SERVICES, INC.
400 LIBBEY PARKWAY
WEYMOUTH, MA 02189
PH (781) 952-6000, FAX (781) 335-3543

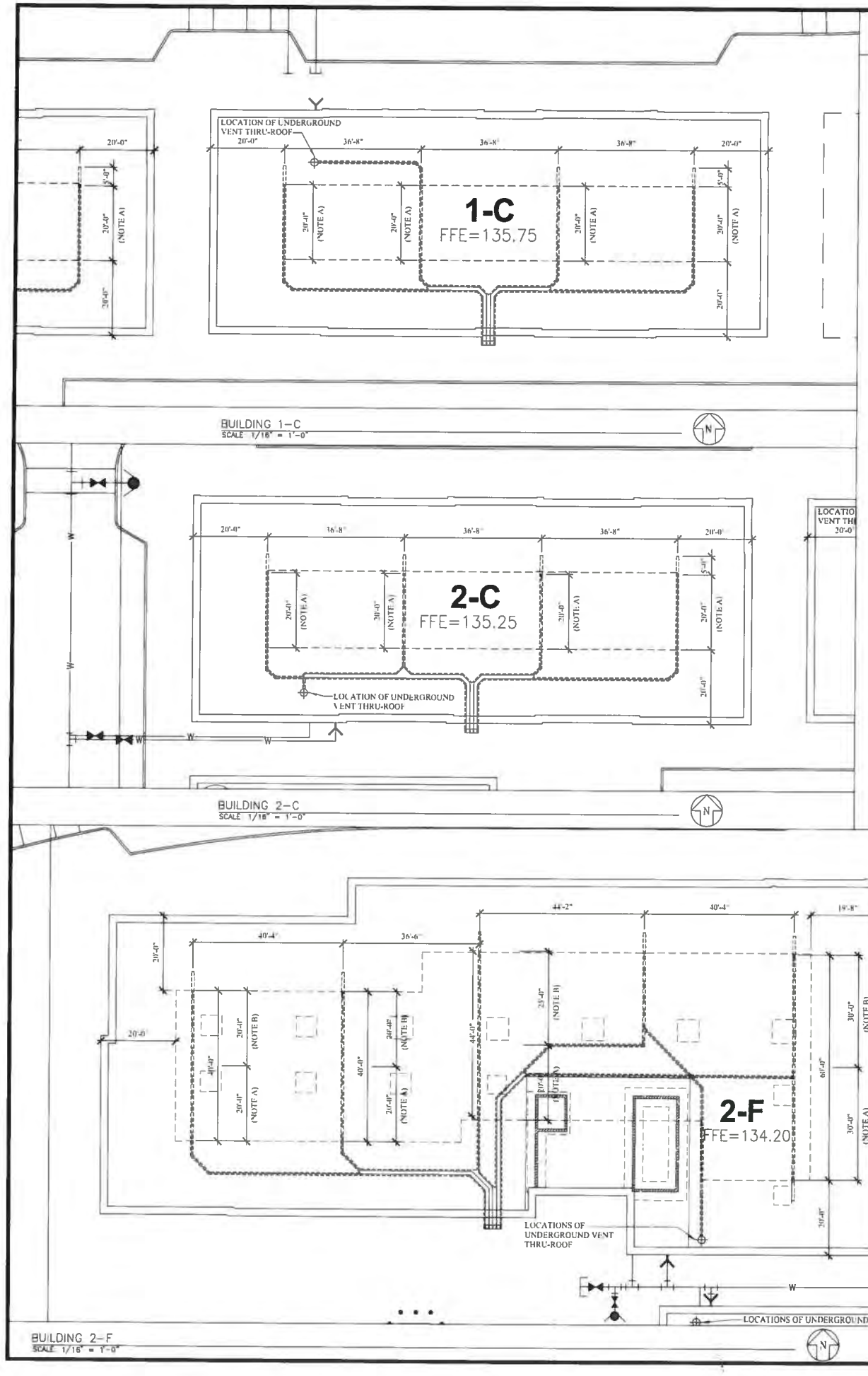
DRAWING TITLE:
VENTING SYSTEM DESIGN - PHASE 1, WAYLAND TOWN CENTER

JOB NUMBER: 19163	
DESIGNED BY: JMF	
DRAWN BY: EPN	
CHECKED BY: JON NORIS, PE	
SCALE: 1/16" = 1'-0"	
DATE: JUNE 13, 2012	

SHEET NUMBER

SH2

2 OF 6 SHEETS



NOTES:

1. SEE GENERAL NOTES ON SHEETS SH5 AND SH6.
2. FOR NOTE A AND NOTE B, REFER TO DETAIL 1 IN SHEET SH4.

COMMONWEALTH OF MASSACHUSETTS
JONATHAN M NORIS
CIVIL
No 41556
REGISTERED PROFESSIONAL ENGINEER
9/26/12

REV	DATE	DESCRIPTION	BY
1	3/15/12	CONCEPTUAL DESIGN	JMF
2	3/9/12	CONSTRUCTION DRAWINGS	JMF

Wayland Town Center

430 Boston Post Road
Wayland, Massachusetts

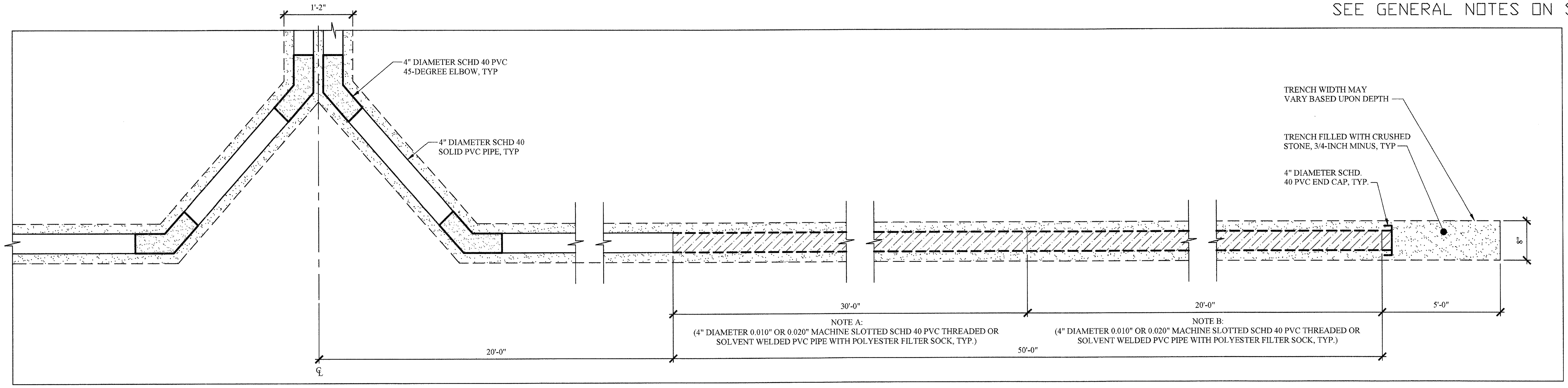
VERTEX®
ENVIRONMENTAL SERVICES, INC.
400 LIBBEY PARKWAY
WEYMOUTH, MA 02189
PH (781) 552-6000, FAX (781) 335-5543

DRAWING TITLE:
VENTING SYSTEM DESIGN - PHASE 1,
WAYLAND TOWN CENTER

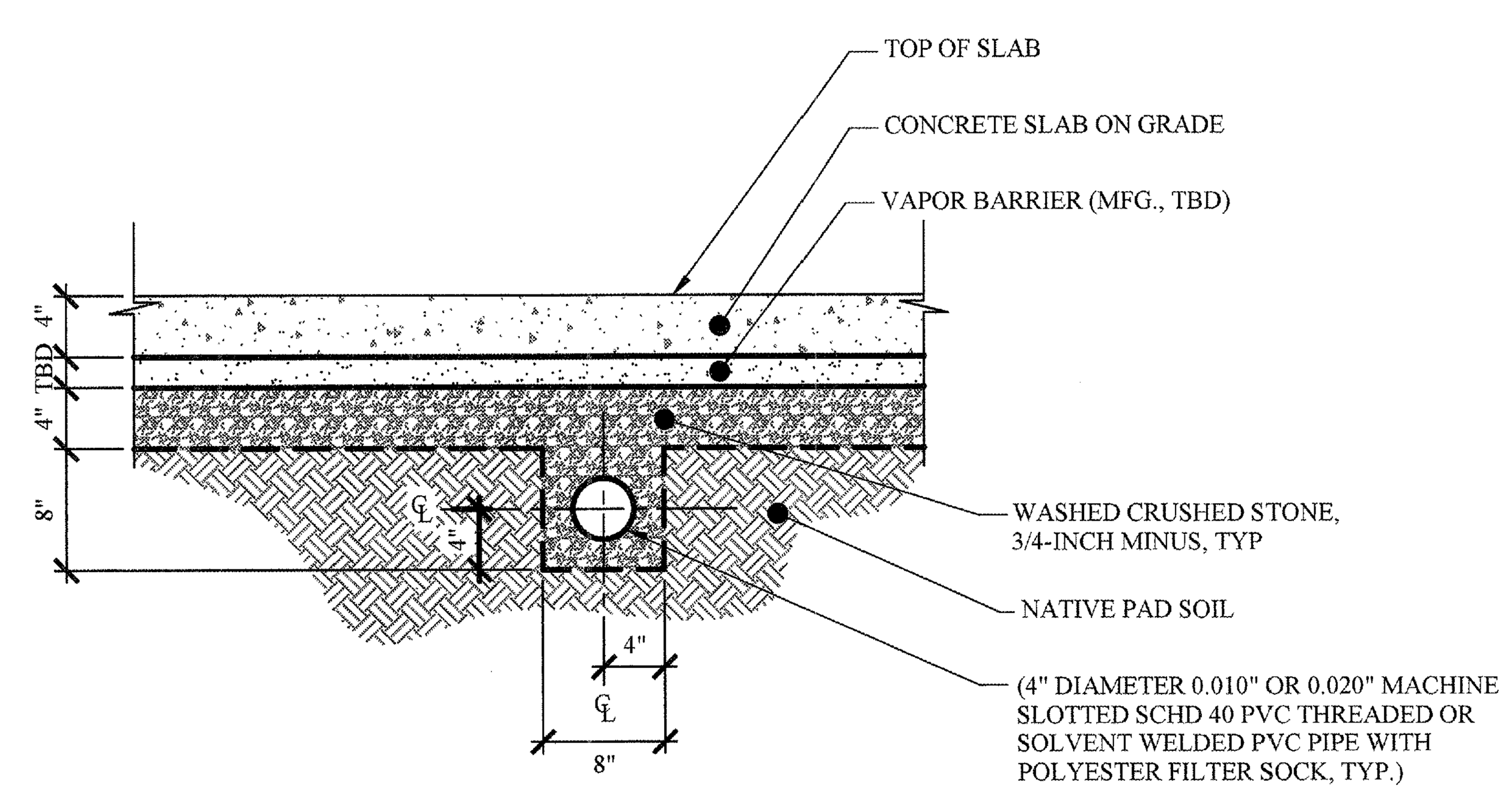
JOB NUMBER: 19163
DESIGNED BY: JMF
DRAWN BY: EPN
CHECKED BY: JON NORIS, PE
SCALE: 1/16" = 1'-0"
DATE: MAY 8, 2012

SHEET NUMBER
SH3

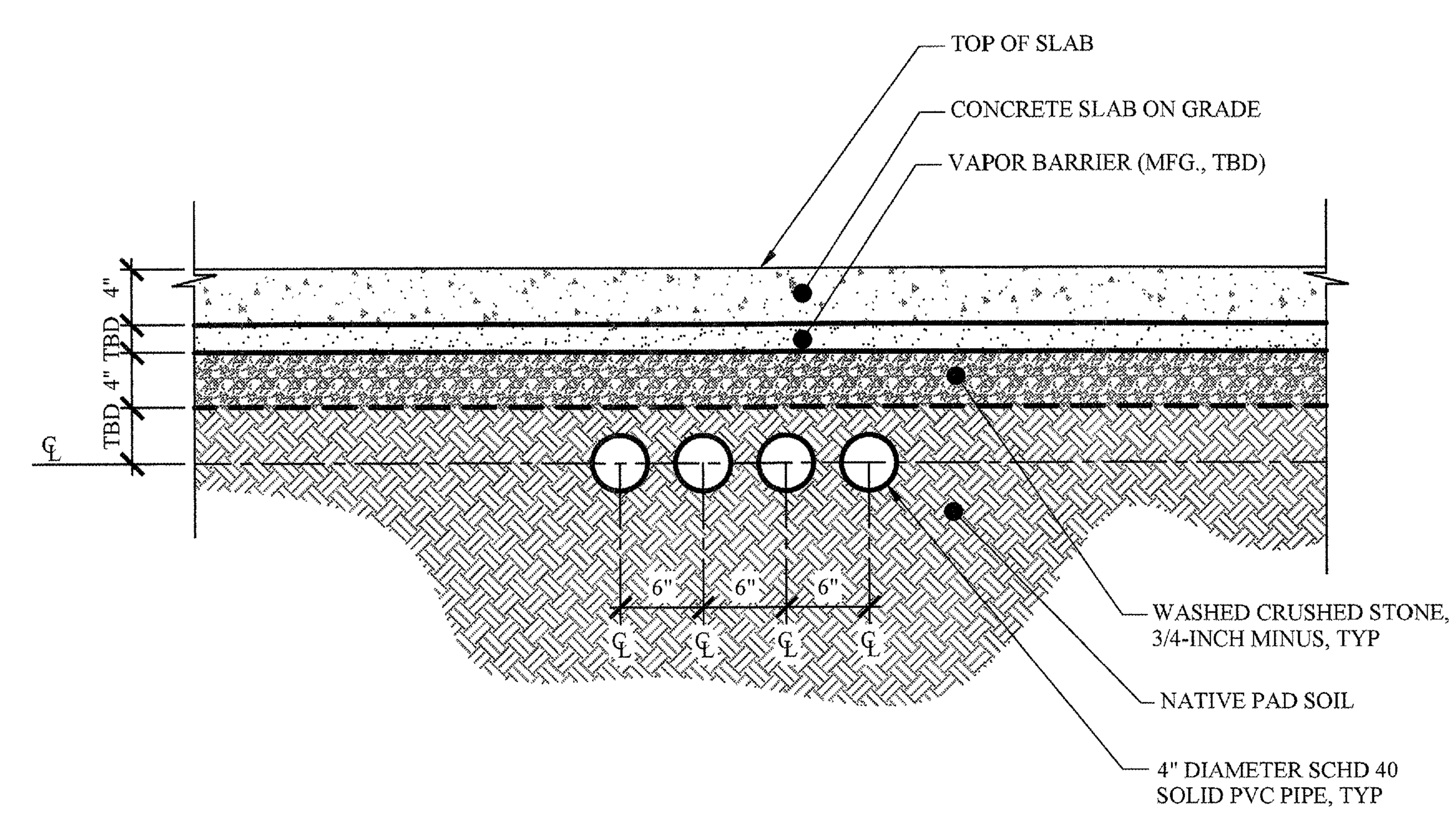
SEE GENERAL NOTES ON SHEET 5



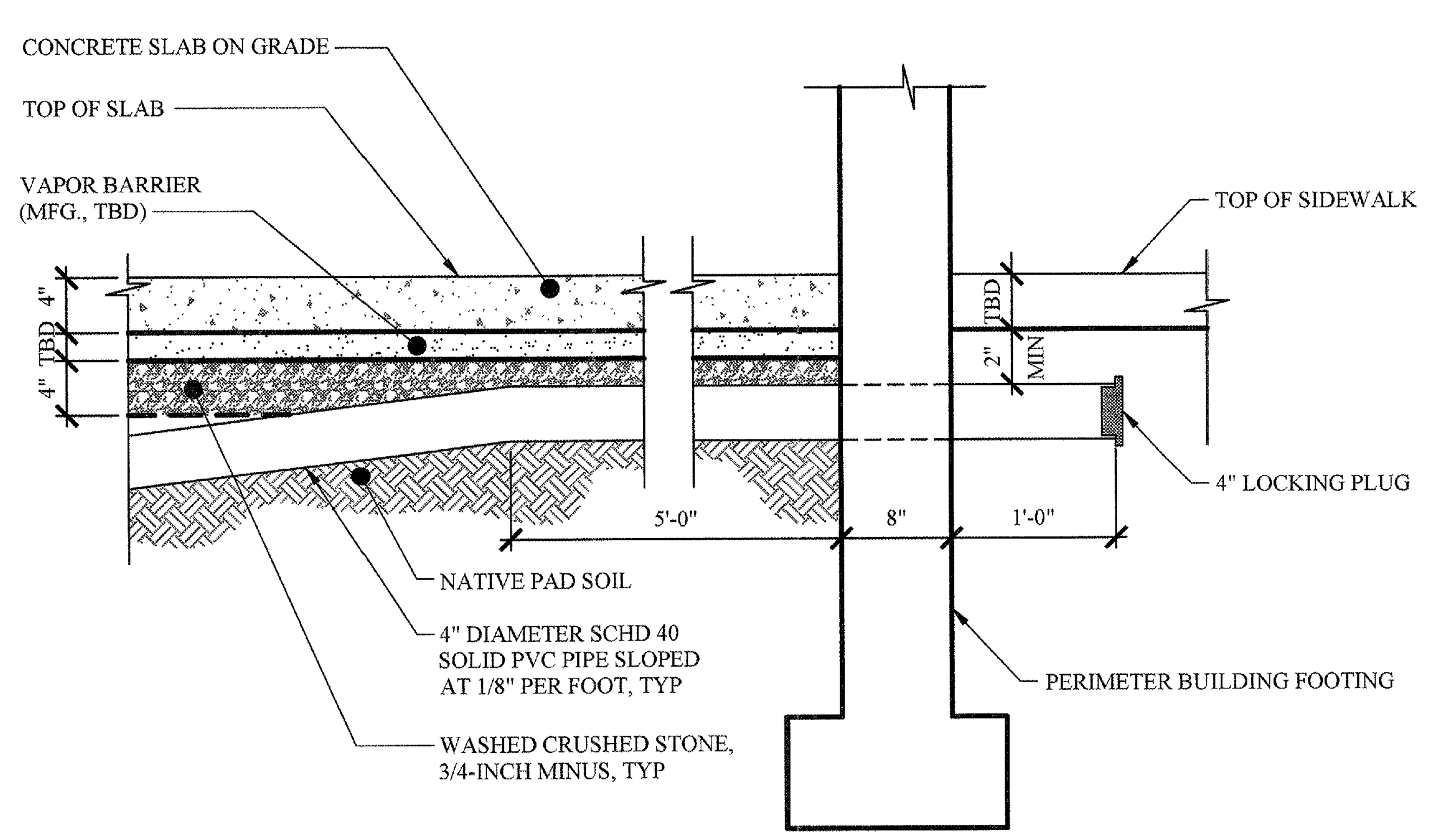
SLOTTED PIPE PLAN VIEW DETAIL, TYP.
SCALE: 1" = 1'-0"
(1)



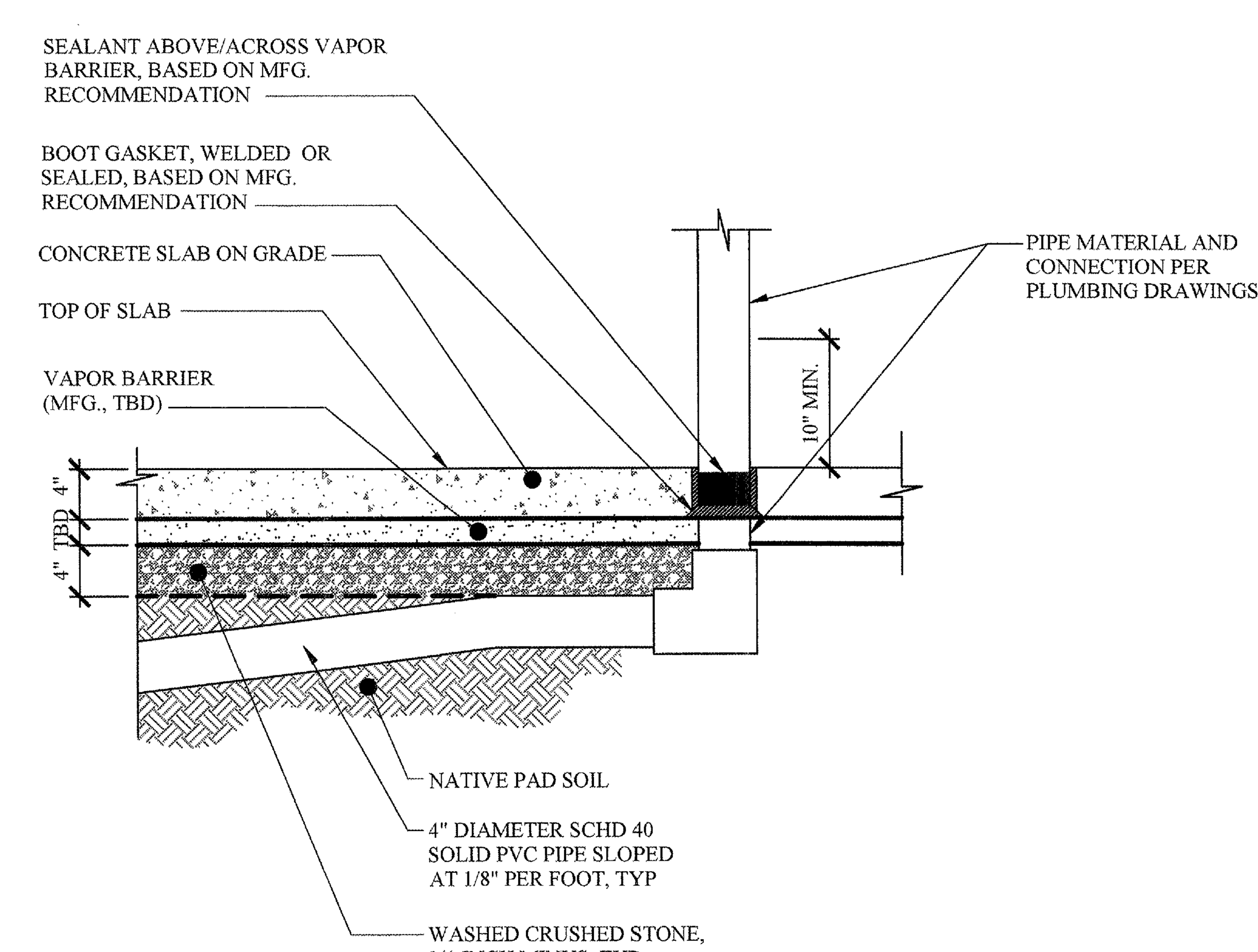
CROSS SECTION AT SLOTTED PIPE, TYP.
SCALE: 1" = 1'-0"
(2)



CROSS SECTION AT SOLID PVC PIPE, TYP.
SCALE: 1" = 1'-0"
(3)



CROSS SECTION AT BUILDING FOUNDATION, TYP.
SCALE: 1" = 1'-0"
(4)



CROSS SECTION AT PASSIVE VENT SLAB PENETRATION, TYP.
SCALE: 1" = 1'-0"
(5)

REV	DATE	DESCRIPTION	BY
1	3/15/12	CONCEPTUAL DESIGN	JMF
2	3/9/12	CONSTRUCTION DRAWINGS	JMF
3	6/14/12	CONSTRUCTION DRAWINGS	JMF

Wayland Town Center
430 Boston Post Road
Wayland, Massachusetts

VERTEX®
ENVIRONMENTAL SERVICES, INC.
400 LIBBEY PARKWAY
WEYMOUTH, MA 02189
PH (781) 952-6000, FAX (781) 335-3543

DRAWING TITLE:
VENTING SYSTEM DESIGN - PHASE 1, WAYLAND TOWN CENTER

JOB NUMBER: 19163
DESIGNED BY: JMF
DRAWN BY: EPN
CHECKED BY: JON NORIS, PE
SCALE: 1" = 1'-0"
DATE: JUNE 14, 2012

SHEET NUMBER
SH4
4 OF 6 SHEETS

GENERAL NOTES:

1. Solid PVC Pipe: All solid pipe shall be polyvinyl chloride (PVC) Schedule 40. Pipe products shall be manufactured from virgin plastic of Type 1, Grade 1, PVC compound with cell classification of 12454-B per ASTM D1784. Manufacturer shall be Charlotte Pipe and Foundry Company (or approved equivalent).

Pipe Data — CHARLOTTE PIPE AND FOUNDRY COMPANY®

PVC Schedule 40 Pipe

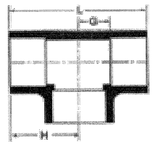
PVC Schedule 40 Pipe - Plain End

PVC Schedule 40 Pipe	Plain End		PVC 1120		ASTM D1784	
Part No.	Nom. Size (in)	UPC # 611942-	Avg. OD (in)	Min. Wall (lbs/ft)	Max Work Pressure At 73° F	Wt. Per 100 Ft. (Lbs)
PVC 7400	4"x10'	3953	4.500	0.237	220 PSI	201,2
PVC 7400	4"x20'	3954	4.500	0.237	220 PSI	201.200

2. PVC Tee Fittings: All PVC tee fittings shall be polyvinyl chloride (PVC) Schedule 40. Pipe products shall be manufactured from virgin plastic of Type 1, Grade 1, PVC compound with cell classification of 12454-B per ASTM D1784. Manufacturer shall be Charlotte Pipe and Foundry Company (or approved equivalent).

Schedule 40 Fittings — CHARLOTTE PIPE AND FOUNDRY COMPANY®

Tee
SxSxS
PVC PART NO. 2400

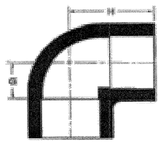


Size	Universal Part No.	L (in)	H (in)	G (in)	Approx. Wt. (Lbs)
4	401-040	8.75	4.375	2.3125	2.212

3. PVC Elbow Fittings: All PVC elbow fittings shall be polyvinyl chloride (PVC) Schedule 40. Pipe products shall be manufactured from virgin plastic of Type 1, Grade 1, PVC compound with cell classification of 12454-B per ASTM D1784. Manufacturer shall be Charlotte Pipe and Foundry Company (or approved equivalent).

Schedule 40 Fittings — CHARLOTTE PIPE AND FOUNDRY COMPANY®

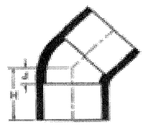
90 Degree Elbow
SxS
PVC PART NO. 2300



Size	Universal Part No.	H (in)	G (in)	Approx. Wt. (Lbs)
4	406-040	4.375	2.3125	2.212

Schedule 40 Fittings — CHARLOTTE PIPE AND FOUNDRY COMPANY®

45 Degree Elbow
SxS
PVC PART NO. 2309

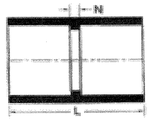


Size	Universal Part No.	H (in)	J (in)	Approx. Wt. (Lbs)
4	417-040	4.15625	1.09375	1.296

4. PVC Coupling Fittings: All PVC coupling fittings shall be polyvinyl chloride (PVC) Schedule 40. Pipe products shall be manufactured from virgin plastic of Type 1, Grade 1, PVC compound with cell classification of 12454-B per ASTM D1784. Manufacturer shall be Charlotte Pipe and Foundry Company (or approved equivalent).

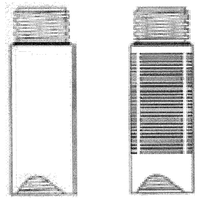
Schedule 40 Fittings — CHARLOTTE PIPE AND FOUNDRY COMPANY®

Coupling
SxS
PVC PART NO. 2100



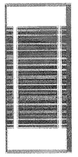
Size	Universal Part No.	L (in)	N (in)	Approx. Wt. (Lbs)
4	429-040	4.75	0.1875	0.996

5. PVC Slotted Pipe: All PVC slotted pipe shall be polyvinyl chloride (PVC) Schedule 40. Pipe products shall be manufactured from virgin plastic of Type 1, Grade 1, PVC compound with cell classification of 12454-B per ASTM D1784. Pipe manufacturer shall be Johnson Screens (or approved equivalent).

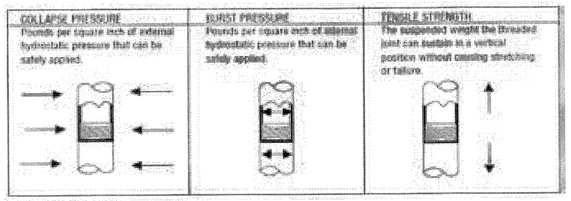


SCHEDULE 40 THREADED PVC SLOTTED SCREEN PIPE									
DIA	LENGTHS				SCH 40 THREADS PER INCH			SCH 40 SLOT WIDTHS	SLOT SPACING
Inches	2 ft	5 ft	10 FT	20 FT	2 TPI	4 TPI	8 TPI	Inches	3/16"
4	X	X	X	X	X	XX		0.006 - 0.250	X

Note: XX indicates no O-ring on Schedule 40 with 4 TPI



SCHEDULE 40 PLAIN END PVC SLOTTED SCREEN PIPE				
DIA	LENGTHS		SCH 40 SLOT WIDTHS	SLOT SPACING
Inches	10 FT	20 FT	Inches	1/4"
4	X	X	0.006 - 0.250	X



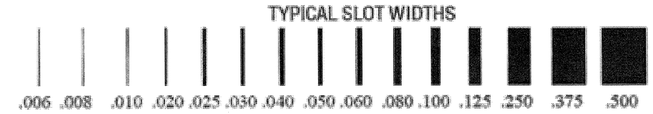
SCHEDULE 40 PVC PRESSURE AND STRENGTH TABLES			
PIPE SIZE (in)	COLLAPSE PRESSURE (psi)	BURST PRESSURE (psi)	TENSILE STRENGTH (lbs)
4.00	70	110	4,119

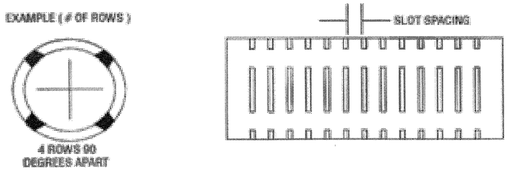
SCHEDULE 40 SCREEN OPEN AREA - STANDARD CONSTRUCTION (Square Inches / Foot)			
Pipe Size	Slot Spacing	Standard Slot Opening (inches)	
(in)	(in)	0.010	0.020
4.00	1/4	3.12	6.33

SCHEDULE 40 SCREEN % OPEN AREA - STANDARD CONSTRUCTION (% Open Area)			
Pipe Size	Slot Spacing	Standard Slot Opening (inches)	
(in)	(in)	0.010	0.020
4.00	1/4	2.07	4.20

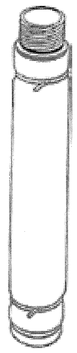
SCHEDULE 40 SCREEN TRANSMITTING CAPACITY - STANDARD CONSTRUCTION Transmitting Capacity (Gallons per Minute per Foot)			
Pipe Size	Slot Spacing	Standard Slot Opening (inches)	
(in)	(in)	0.010	0.020
4.00	1/4	0.97	1.96

SLOTTING INFORMATION





6. Polyester Filter Sock: All filter socks shall be polyester. Supplier shall be Dean Bennet Supply Company (or approved equivalent).



Fine Mesh polyester filter sock fits tightly over slotted screen pipe and is designed to prevent fine sand from entering the well screen, The material is 100% knitted polyester, which is inert and resistant to acids and oxidation degradation. Available in continuous lengths up to a full 100' coil. The filter sock has a pore size between 125 - 150 microns and a flow rate of 250 gallons per minute per square foot of area. Filter sock is easily attached to the outside of the screened pipe with nylon cable ties.

REV	DATE	DESCRIPTION	BY
1	3/15/12	CONCEPTUAL DESIGN	JMF
2	3/9/12	CONSTRUCTION DRAWINGS	JMF
3	6/13/12	CONSTRUCTION DRAWINGS	JMF

Wayland Town Center
430 Boston Post Road
Wayland, Massachusetts

VEIRTEX®
ENVIRONMENTAL SERVICES, INC.
400 LIBBEY PARKWAY
WEYMOUTH, MA 02189
PH (781) 952-6000, FAX (781) 335-3543

DRAWING TITLE:
VENTING SYSTEM DESIGN - PHASE 1,
WAYLAND TOWN CENTER

JOB NUMBER: 19163
DESIGNED BY: JMF
DRAWN BY: EPN
CHECKED BY: JON NORIS, PE
SCALE: N/A
DATE: JUNE 13, 2012

SHEET NUMBER
SH5

VENTING SYSTEM DESIGN
PHASE I WAYLAND TOWN CENTER
430 BOSTON POST ROAD
WAYLAND, MASSACHUSETTS

The venting system design includes the sub-surface piping layout for eight (8) commercial buildings (identified on SH1) at Phase I of the Wayland Town Center project. The venting system is not being installed as a required mitigation measure to maintain a condition of No Significant Risk in the site buildings but is being installed voluntarily by Twenty Wayland, at the request of Raytheon. The sub-slab piping system is designed to provide a conveyance system to remove soil vapors that may accumulate in a washed crushed rock layer located below a vapor barrier at the identified buildings. Per Raytheon's request a VOC vapor barrier is only being required at Building 2F. This venting system design includes the piping to be located below the 8 commercial buildings and is to be capped below grade, for later connection and use (by others if necessary).

Plans are based upon current site conditions assuming that subsurface soils consist of a fine to coarse grained sand with little to trace cobbles and is assumed to be suitable for a low pressure, high air flow sub-slab depressurization system;

VOC vapor barrier specifications for Building 2F, or other buildings (if requested), are not included in this design. The sub-slab piping design presented on SH1 assumes that a sub-slab vapor barrier will be installed in conjunction with the sub-slab piping. Plans assume that vapor barriers will be installed below the entire footprint of the building foundation, and that tears, rips, leaks, punctures, protrusions, utility conduits, damage and defects etc., will be sealed in accordance with the vapor barrier manufacturers specifications;

Plans assume that stone above the screened portion of the sub-slab piping will consist of a minimum of 2 inches of ¾-inch minus washed crushed stone that will be in unimpeded contact with a layer consisting of a minimum of 4-inches of ¾-inch minus washed crushed stone placed directly below the selected vapor barrier;

Plans do not include drawing, specifications or other information regarding the proposed vapor barrier, at Building 2F or other building (if requested) and may require modification, based upon the vapor barrier selected;

Sub-slab vacuum must be confirmed (by Raytheon) prior to activation in the field as induced vacuum below the slab may be affected the following:

- Locations of subsurface utilities, piping, drains, footings, columns, or other structures;
- Non-homogeneity of subsurface sands and/or gravel;
- Leaks, tears, rips, holes, punctures, or other damage, or defects in the vapor barrier (regardless of the cause of defect);
- Damage to the piping system, un-approved modifications, incompatible materials, or other installation changes, including the changes that may occur during installation of utilities, foundations vapor barriers, fill materials, building settling, that may alter, or affect the sub-slab piping system; and
- Sub-slab pipe and vapor barrier age.

A visual inspection of the pipe installation will be conducted by VERTEX (and Raytheon will be provided the opportunity to also observe) prior to backfilling piping runs with washed crushed stone. The purpose of the visual inspection is to evaluate potential impacts because of the location of subsurface obstructions (footings, columns, utilities, etc.). The visual inspection is not intended to, nor can it identify all potential impacts from subsurface obstructions but is intended to provide an opportunity to modify, relocate or add piping as required by the VERTEX or requested by Raytheon based upon actual building construction conditions. The criteria to be utilized for the inspection is to ensure that piping is provided at approximately 40 feet on center but no obstructions (i.e., other utilities or structures) are within 20 feet. Changes will be noted on the contract documents.

Plans assume that the sub-slab piping will be capped below grade. The Location of the header pipe will be surveyed by the site contractor with ties to the foundation exterior so that the pipe may be located (by others) in the future. Surface piping, air flow regulation control devices, back flow preventers, pipe manifolds, riser connections, piping to building stabilization and hanging, blower/fan sizing, pilot testing, post installation testing (including testing in conjunction with and/or without a vapor barrier), and emissions controls are not included in these design specifications and are to be evaluated, installed, designed and/or conducted by others.

The site contractor will maintain and provide Twenty Wayland and VERTEX with photographic records of pipe installation that document the location of pipes installed at the 8 buildings.

The sub-slab venting system piping is not designed to prevent volatile compounds from entering the building, and will only potentially remove sub-slab volatile organic compounds while active. The installation of a sub-slab piping system and/or a vapor barrier below the site buildings does not remove the requirements for proper pre-and/or post installation and operation testing and sampling (to be conducted by others) to confirm that the sub-slab venting system and/or the vapor barrier are constructed, installed, and operating as required. Modifications to the sub-slab venting system piping and vapor barrier based upon pre-and/or post installation and operation testing and/or sampling are to be conducted by others.

Geotechnical, structural, civil, utility, or other site specific requirements must be evaluated and conducted by others prior to the installation of the sub-surface piping system;

Materials and installation specifications are included in the construction design documentation.

REV	DATE	DESCRIPTION	BY
1	3/15/12	CONCEPTUAL DESIGN	JMF
2	3/9/12	CONSTRUCTION DRAWINGS	JMF
3	6/13/12	CONSTRUCTION DRAWINGS	JMF

Wayland Town Center
430 Boston Post Road
Wayland, Massachusetts

VERTEX®
ENVIRONMENTAL SERVICES, INC.
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WEYMOUTH, MA 02189
PH (781) 952-6000, FAX (781) 335-3543

DRAWING TITLE:
VENTING SYSTEM DESIGN - PHASE 1, WAYLAND TOWN CENTER

JOB NUMBER: 19163
DESIGNED BY: JMF
DRAWN BY: EPN
CHECKED BY: JON NORIS, PE
SCALE: N/A
DATE: JUNE 13, 2012

SHEET NUMBER
SH6

VERTEX®

Vertex Environmental Services, Inc.
Vertex Environmental Insurance Services, Inc.
Vertex Construction Services, Inc.
Vertex International Services
Vertex Air Quality Services, LLC
Vertex Ingenieros Consultores, S. de R.L. de C.V.

Corporate Headquarters
400 Libbey Parkway
Weymouth, MA 02189
www.vertexeng.com
p: 781.952.6000
f: 781.335.3543

October 3, 2012

Twenty Wayland, LLC
10 Memorial Boulevard
Suite 901
Providence, RI 02903
Attention: Mr. Frank Dougherty

Re: ***Building 2D Venting System Visual Inspection***
430 Boston Post Road
Wayland, Massachusetts
VERTEX Project No. 19163

Dear Mr. Dougherty:

Vertex Environmental Services, Inc. (VERTEX) is pleased to present this letter summarizing the visual inspection(s) of the vapor venting sub-slab piping for Building 2D currently being constructed at the above referenced property (the site). At the request of Twenty Wayland, LLC, (Twenty Wayland), VERTEX provided stamped construction plans for the construction of a venting system to be installed below the concrete slab of Building 2D. The June 20, 2012, stamped plans were incorporated into the overall construction documentation by the site architect for use by the site contractor(s) to install and construct the venting system piping. The stamped plans were revised on September 26, 2012 to modify the location of the subsurface piping on the western portion of Building 2F to avoid footings and other subsurface obstructions. These modifications did not change the design for Building 2D. A copy of the September 26, 2012, stamped plans associated with the revision that show the venting system pipe locations are attached.

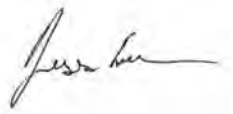
As part of the venting system design and installation, Twenty Wayland requested that VERTEX conduct visual inspections during piping installation by the contractor to confirm that the piping was being installed in general accordance with the VERTEX design plans prior to the installation of the concrete slab. In addition, VERTEX collected photographic documentation of the venting system piping which is attached for reference.

The inspection was performed on October 3, 2012. The inspections performed were visual-only observations of the venting system piping, trenching and gravel layers. The venting system piping appears to have been installed in general accordance with the September 26, 2012 stamped plans. The locations of the screen segments, solid PVC termination points, and the solid PVC riser to the roof vent were not altered.

Please do not hesitate to contact us should you have any questions or require additional information.

Sincerely,

Vertex Environmental Services, Inc.



Jesse Freeman
Senior Project Manager

Jon Noris, PE, LSP
Engineer of Record

Encl: Photographs

Photographic Documentation
Building 2D Subs-lab Depressurization System
430 Boston Post Road
Wayland, Massachusetts
Project No. 19163

Photograph: 1 **Description:** View of the exterior of Building 2D from the southeast.	

Photograph: 2 **Description:** View of the interior of Building 2D from the northeast. The SSDS piping is located underneath the covering ¾" crushed stone seen in the photograph.	

Photographic Documentation
Building 2D Subs-lab Depressurization System
430 Boston Post Road
Wayland, Massachusetts
Project No. 19163

Photograph: 3 **Description:** View of the entry of the solid PVC piping at the eastern edge of Building 2D.	

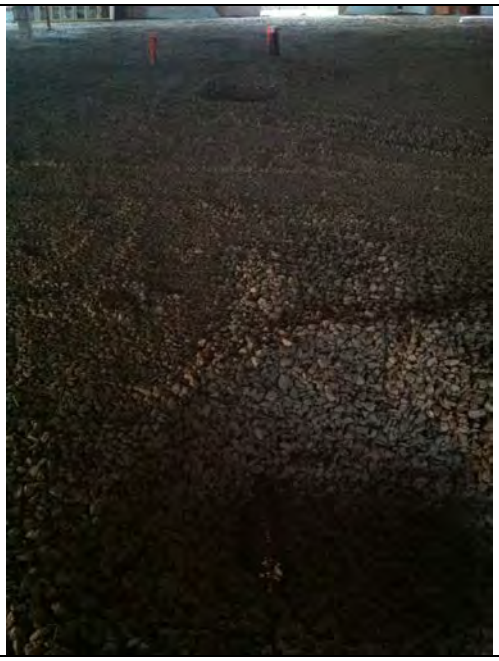
Photograph: 4 **Description:** View of the interior of Building 2D from the southeast.	

Photographic Documentation
Building 2D Subs-lab Depressurization System
430 Boston Post Road
Wayland, Massachusetts
Project No. 19163

Photograph: 5 **Description:** View of the roof vent at the northwest corner of Building 2D.	

Photograph: 6 **Description:** The western edge of Building 2D.	

Photographic Documentation
Building 2D Subs-lab Depressurization System
430 Boston Post Road
Wayland, Massachusetts
Project No. 19163

Photograph: 7 **Description:** Two exposed screened PVC sections along the northern edge of Building 2D.	

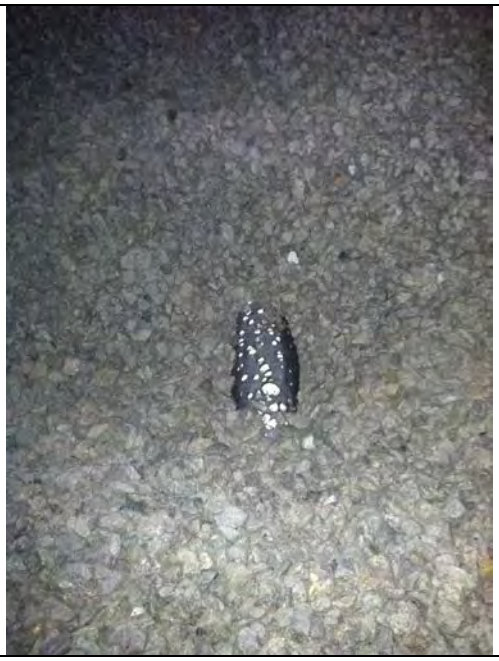
Photograph: 8 **Description:** Close-up of the first of two exposed sections of screened PVC along the northern edge of Building 2D.	

Photographic Documentation
Building 2D Subs-lab Depressurization System
430 Boston Post Road
Wayland, Massachusetts
Project No. 19163

Photograph: 9 **Description:** Close-up of the second of two exposed sections of screened PVC along the northern edge of Building 2D.	

Photograph: 10 **Description:** Close-up of the first of two exposed sections of screened PVC located in the center of Building 2D.	

Photographic Documentation
Building 2D Subs-lab Depressurization System
430 Boston Post Road
Wayland, Massachusetts
Project No. 19163

Photograph: 11 **Description:** Close-up of the second of two exposed sections of screened PVC located in the center of Building 2D.	

Photograph: 12 **Description:** The two exposed sections of screened PVC located in the center of Building 2D.	

Photographic Documentation
Building 2D Subs-lab Depressurization System
430 Boston Post Road
Wayland, Massachusetts
Project No. 19163

Photograph: 13 **Description:** Close-up of the screened PVC section near the southern edge of Building 2D.	

Photograph: 14 **Description:** The two exposed sections of the screened PVC along the southern edge of Building 2D.	

Photographic Documentation
Building 2D Subs-lab Depressurization System
430 Boston Post Road
Wayland, Massachusetts
Project No. 19163

Photograph: 15 **Description:** View of the southern and central screened PVC sections from the east.	

Photograph: 16 **Description:** View of the three PVC screened legs from the south.	

Future Municipal WWTP
NOT A PART OF PROPOSED WAYLAND TOWN CENTER PROJECT SHOWN FOR INFORMATIONAL PURPOSES ONLY

RESIDENCE ZONING DISTRICT
LIMITED COMMERCIAL ZONING DISTRICT

SEE GENERAL NOTES ON SHEETS SH5 AND SH6

PUBLIC GREEN (FORMAL) 0.32 Acres [14,097 S.F.]
PUBLIC GREEN (INFORMAL) 1.68 Acres
LEACHING FIELD RESERVE AREA 24,650 SF
FUTURE BUILDING PAD 3-A FFE=132.50
LOADING AREA
FUTURE BUILDING PAD 2-D FFE=133.50
FUTURE BUILDING PAD 2-C FFE=135.25
FUTURE BUILDING PAD 1-C FFE=135.75
FUTURE BUILDING PAD 1-B FFE=136.25
2-F FFE=134.50
2-E
2-D FFE=133.50
2-C FFE=135.25
1-C FFE=135.75
NON-RESIDENTIAL BUILDING 4-A
NON-RESIDENTIAL BUILDING 2-B
NON-RESIDENTIAL BUILDING 2-A
BUILDING 5-A GROCERY FFE=136.75
BUILDING 1-A 1ST FLOOR NON-RESIDENTIAL 2ND FLOOR OFFICE
RESIDENTIAL
GARAGE
BASIN 2
BASIN 3
BASIN 4
WOOD EMERGENCY STRUCTURE
METAL BAR SCREEN
SECONDARY TANK
ADM TANK
BRICK HEIGHT=10'
1 ST BRICK HEIGHT=8
CMP
METAL BAR
GATE
LIMITED COMMERCIAL ZONING DISTRICT
RESIDENCE ZONING DISTRICT
GRAPHIC SCALE IN FEET 50 0 25 50 100
N

SHEET NUMBER	SH1
1 OF 8 SHEETS	
JOB NUMBER: 19163	
DESIGNED BY: JMF	
DRAWN BY: EPN	
CHECKED BY: JON NORIS, PE	
SCALE: 1" = 50'-0"	
DATE: MAY 9, 2012	

DRAWING TITLE:
VENTING SYSTEM DESIGN - PHASE 1, WAYLAND TOWN CENTER

VERTEX®
ENVIRONMENTAL SERVICES, INC.
400 LIBBEY PARKWAY
WEYMOUTH, MA 02189
PH (781) 952-6000, FAX (781) 335-3543

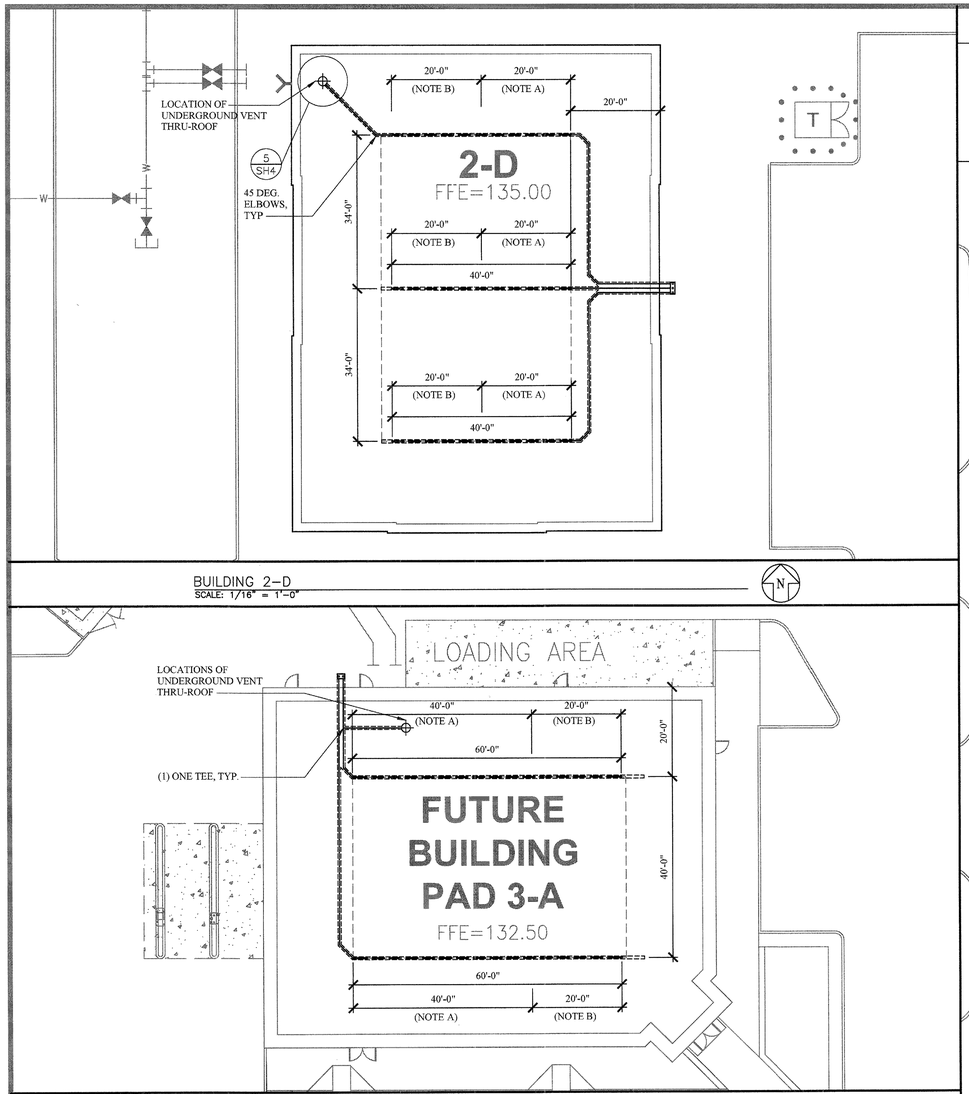
Wayland Town Center
430 Boston Post Road
Wayland, Massachusetts

REV	DATE	DESCRIPTION	BY
1	3/15/12	CONCEPTUAL DESIGN	JMF
2	3/9/12	CONSTRUCTION DRAWINGS	JMF

COMMONWEALTH OF MASSACHUSETTS
JON NORIS
CIVIL
No. 41356
REGISTERED PROFESSIONAL ENGINEER
Jonathan Noris 9/26/12

NOTES:

1. SEE GENERAL NOTES ON SHEETS SH5 AND SH6.
2. FOR NOTE A AND NOTE B, REFER TO DETAIL 1 IN SHEET SH4.



REV	DATE	DESCRIPTION	BY
1	3/15/12	CONCEPTUAL DESIGN	JMF
2	3/9/12	CONSTRUCTION DRAWINGS	JMF
3	6/13/12	CONSTRUCTION DRAWINGS	JMF

Wayland Town Center

430 Boston Post Road
Wayland, Massachusetts

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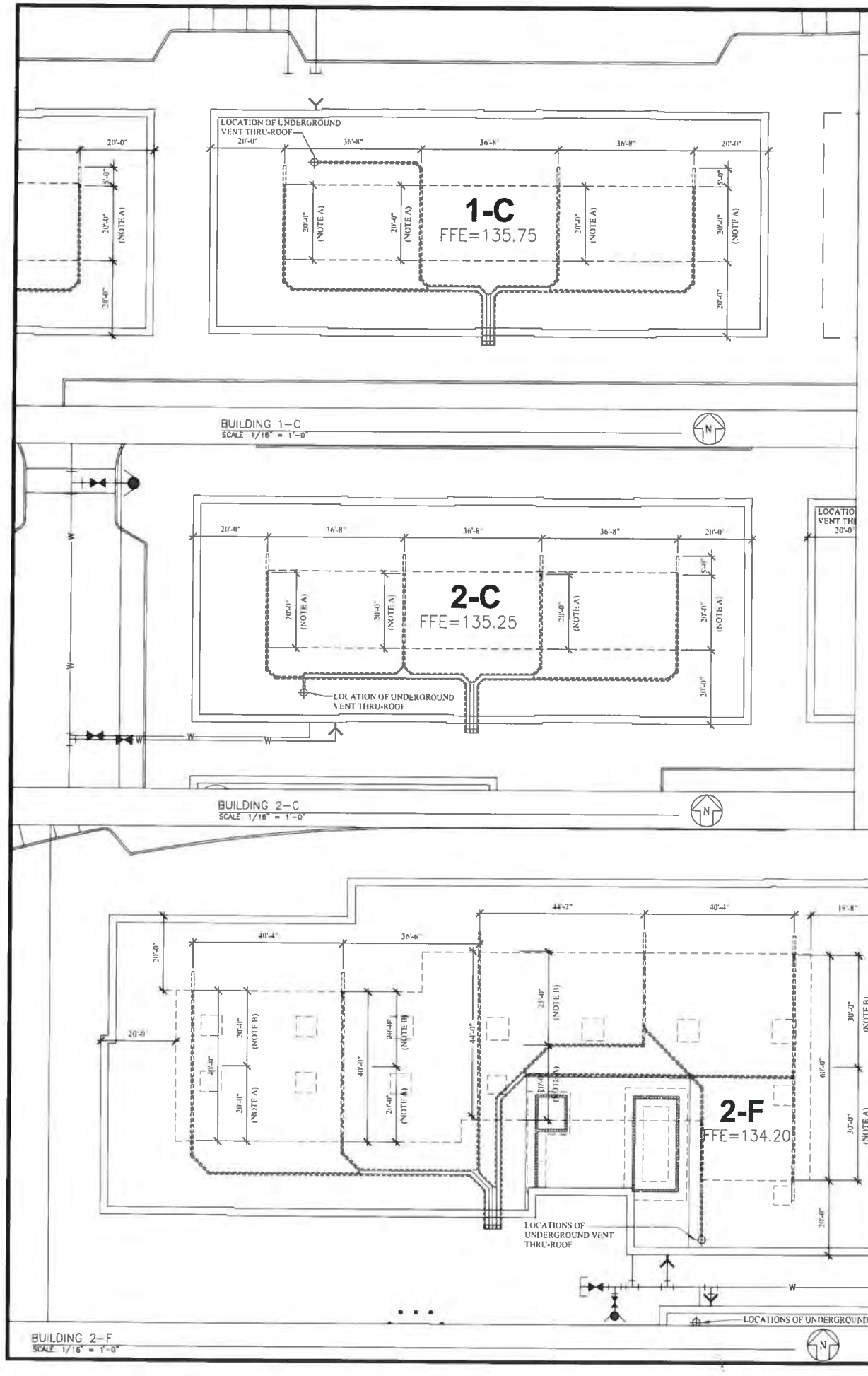
DRAWING TITLE:
VENTING SYSTEM DESIGN - PHASE 1, WAYLAND TOWN CENTER

JOB NUMBER: 19163	
DESIGNED BY: JMF	
DRAWN BY: EPN	
CHECKED BY: JON NORIS, PE	
SCALE: 1/16" = 1'-0"	
DATE: JUNE 13, 2012	

SHEET NUMBER

SH2

2 OF 6 SHEETS



NOTES:

1. SEE GENERAL NOTES ON SHEETS SH5 AND SH6.
2. FOR NOTE A AND NOTE B, REFER TO DETAIL 1 IN SHEET SH4.

COMMONWEALTH OF MASSACHUSETTS
JONATHAN M NORIS
CIVIL
No 41556
REGISTERED PROFESSIONAL ENGINEER
9/26/12

REV	DATE	DESCRIPTION	BY
1	3/15/12	CONCEPTUAL DESIGN	JMF
2	3/9/12	CONSTRUCTION DRAWINGS	JMF

Wayland Town Center

430 Boston Post Road
Wayland, Massachusetts

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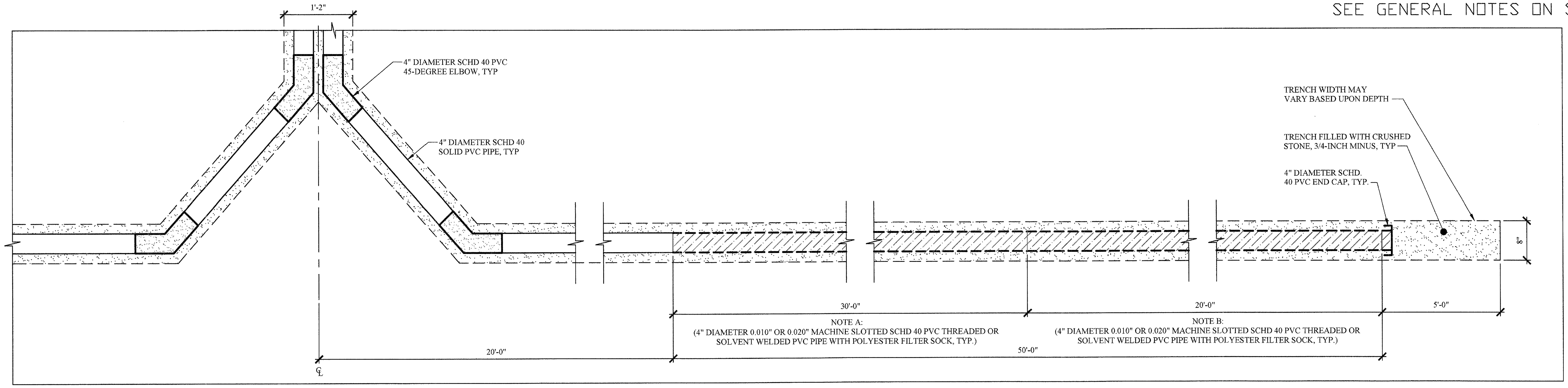
PH (781) 552-6000, FAX (781) 335-5543

DRAWING TITLE:
VENTING SYSTEM DESIGN - PHASE 1,
WAYLAND TOWN CENTER

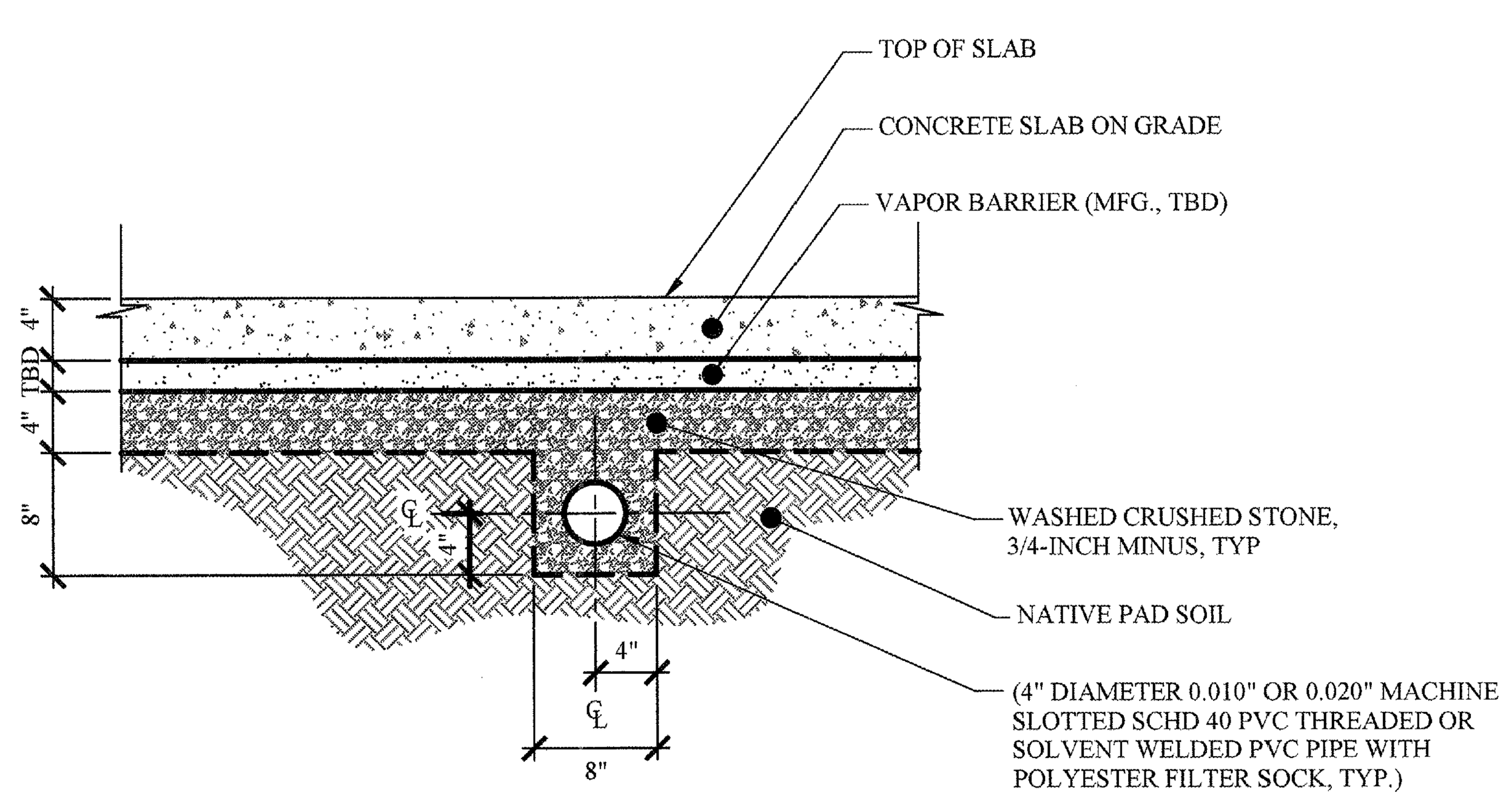
JOB NUMBER: 19163
DESIGNED BY: JMF
DRAWN BY: EPN
CHECKED BY: JON NORIS, PE
SCALE: 1/16" = 1'-0"
DATE: MAY 8, 2012

SHEET NUMBER
SH3

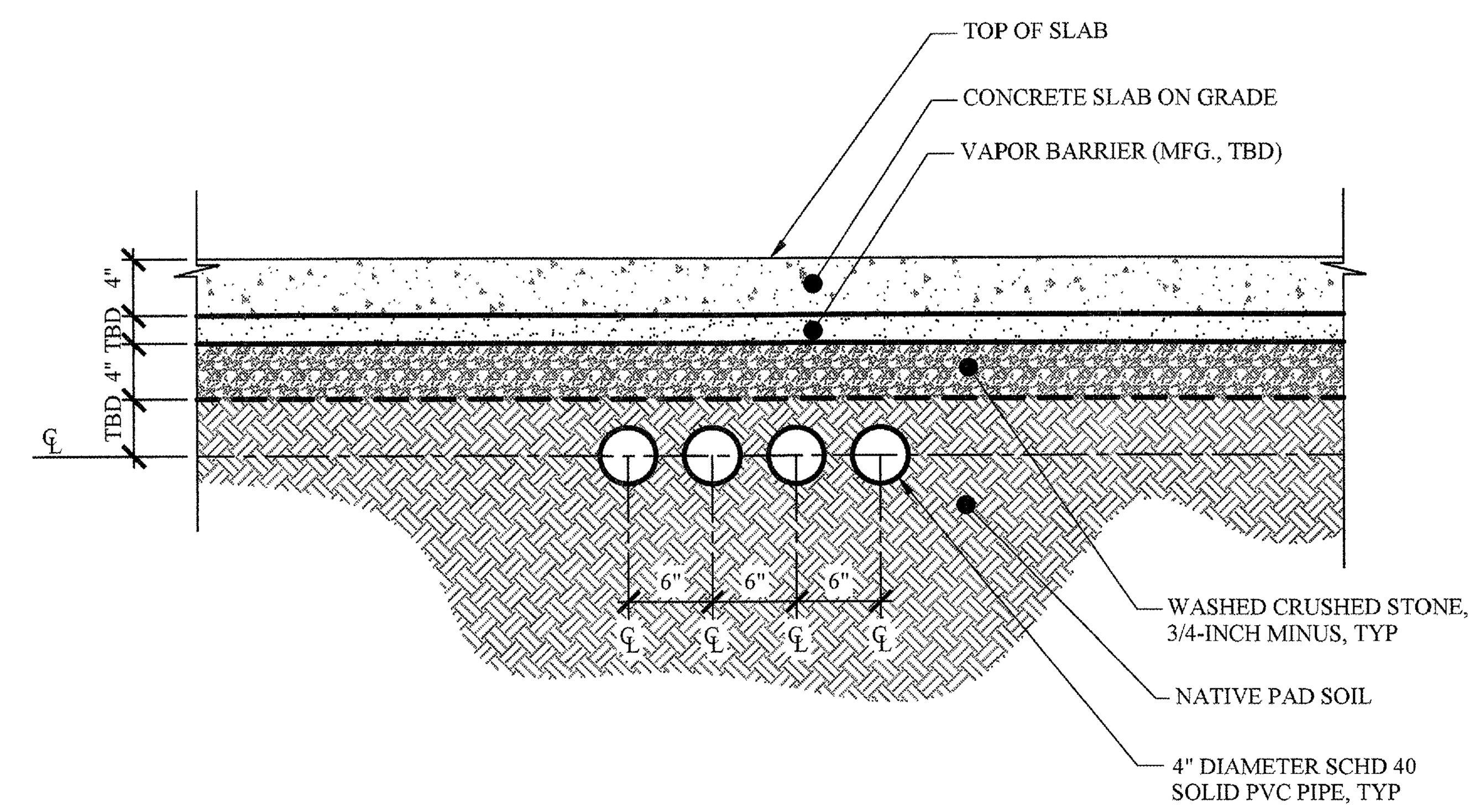
SEE GENERAL NOTES ON SHEET 5



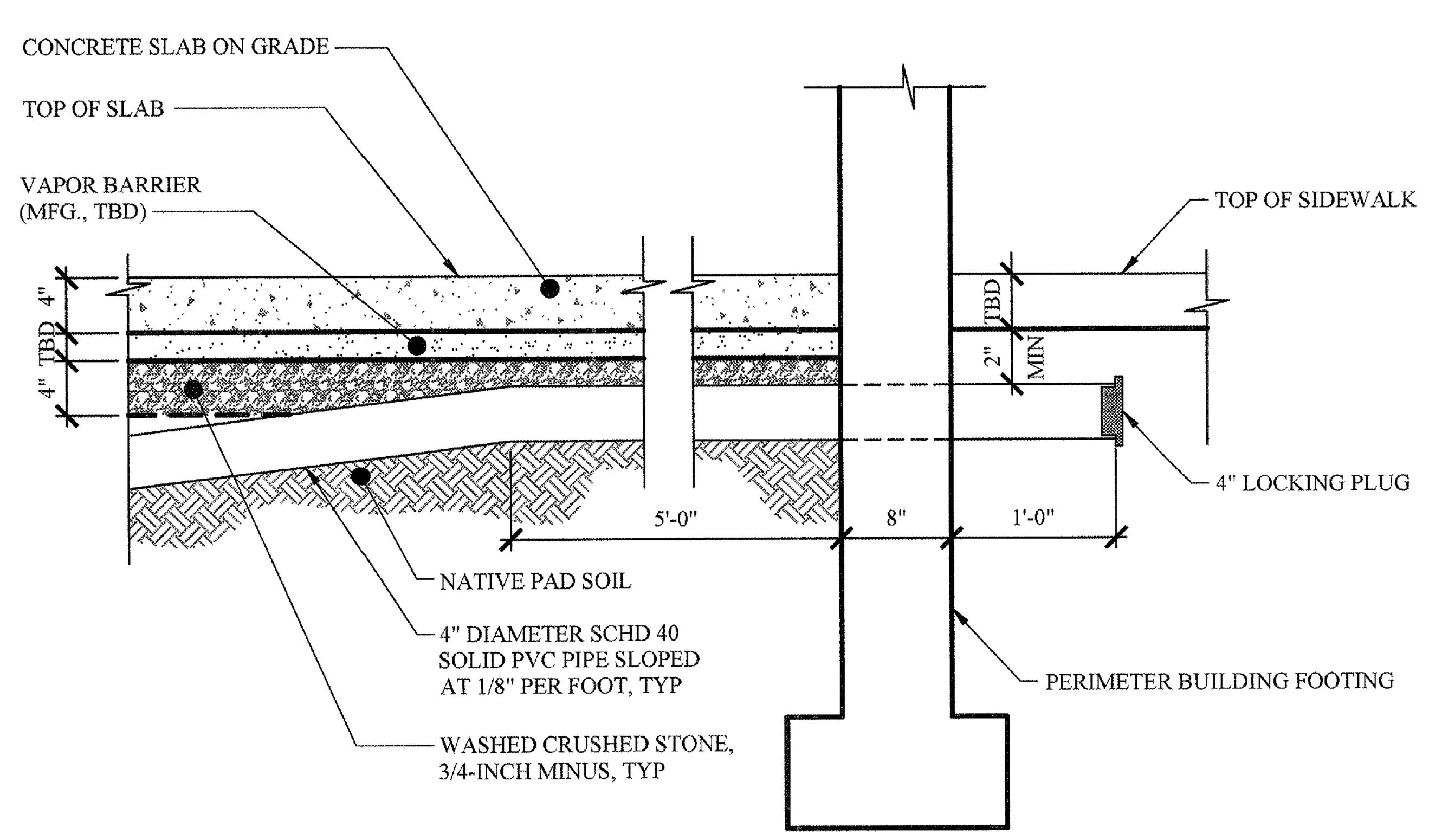
SLOTTED PIPE PLAN VIEW DETAIL, TYP.
SCALE: 1" = 1'-0"
(1)



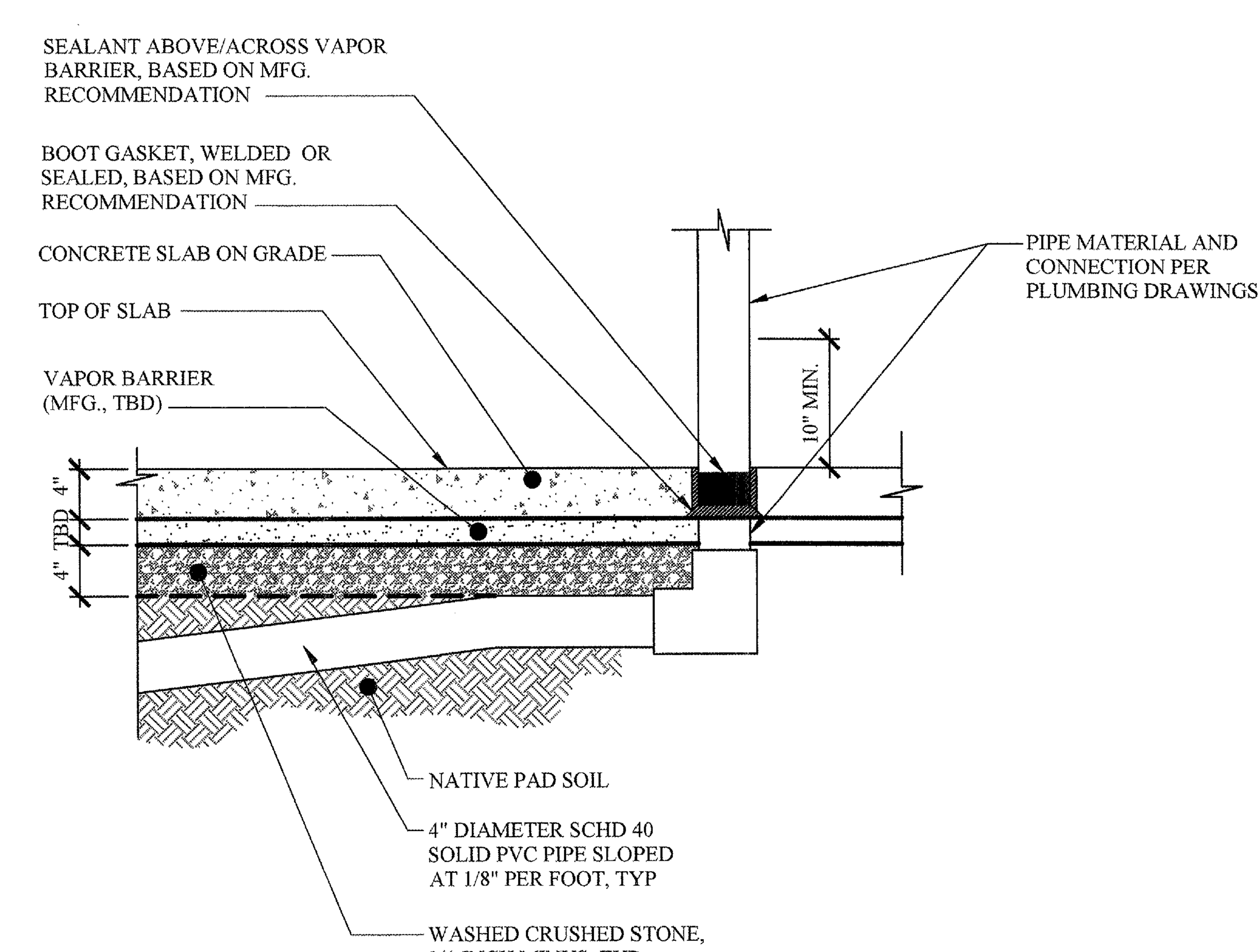
CROSS SECTION AT SLOTTED PIPE, TYP.
SCALE: 1" = 1'-0"
(2)



CROSS SECTION AT SOLID PVC PIPE, TYP.
SCALE: 1" = 1'-0"
(3)



CROSS SECTION AT BUILDING FOUNDATION, TYP.
SCALE: 1" = 1'-0"
(4)



CROSS SECTION AT PASSIVE VENT SLAB PENETRATION, TYP.
SCALE: 1" = 1'-0"
(5)

REV	DATE	DESCRIPTION	BY
1	3/15/12	CONCEPTUAL DESIGN	JMF
2	3/9/12	CONSTRUCTION DRAWINGS	JMF
3	6/14/12	CONSTRUCTION DRAWINGS	JMF

Wayland Town Center
430 Boston Post Road
Wayland, Massachusetts

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ENVIRONMENTAL SERVICES, INC.
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WEYMOUTH, MA 02189
PH (781) 952-6000, FAX (781) 335-3543

DRAWING TITLE:
VENTING SYSTEM DESIGN - PHASE 1, WAYLAND TOWN CENTER

JOB NUMBER: 19163
DESIGNED BY: JMF
DRAWN BY: EPN
CHECKED BY: JON NORIS, PE
SCALE: 1" = 1'-0"
DATE: JUNE 14, 2012

SHEET NUMBER
SH4
4 OF 6 SHEETS

GENERAL NOTES:

1. Solid PVC Pipe: All solid pipe shall be polyvinyl chloride (PVC) Schedule 40. Pipe products shall be manufactured from virgin plastic of Type 1, Grade 1, PVC compound with cell classification of 12454-B per ASTM D1784. Manufacturer shall be Charlotte Pipe and Foundry Company (or approved equivalent).

Pipe Data — CHARLOTTE PIPE AND FOUNDRY COMPANY®

PVC Schedule 40 Pipe

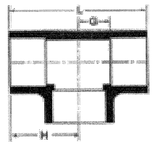
PVC Schedule 40 Pipe - Plain End

PVC Schedule 40 Pipe	Plain End		PVC 1120		ASTM D1784	
Part No.	Nom. Size (in)	UPC # 611942-	Avg. OD (in)	Min. Wall (lbs/ft)	Max Work Pressure At 73° F	Wt. Per 100 Ft. (Lbs)
PVC 7400	4"x10'	3953	4.500	0.237	220 PSI	201,2
PVC 7400	4"x20'	3954	4.500	0.237	220 PSI	201.200

2. PVC Tee Fittings: All PVC tee fittings shall be polyvinyl chloride (PVC) Schedule 40. Pipe products shall be manufactured from virgin plastic of Type 1, Grade 1, PVC compound with cell classification of 12454-B per ASTM D1784. Manufacturer shall be Charlotte Pipe and Foundry Company (or approved equivalent).

Schedule 40 Fittings — CHARLOTTE PIPE AND FOUNDRY COMPANY®

Tee
SxSxS
PVC PART NO. 2400

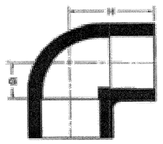


Size	Universal Part No.	L (in)	H (in)	G (in)	Approx. Wt. (Lbs)
4	401-040	8.75	4.375	2.3125	2.212

3. PVC Elbow Fittings: All PVC elbow fittings shall be polyvinyl chloride (PVC) Schedule 40. Pipe products shall be manufactured from virgin plastic of Type 1, Grade 1, PVC compound with cell classification of 12454-B per ASTM D1784. Manufacturer shall be Charlotte Pipe and Foundry Company (or approved equivalent).

Schedule 40 Fittings — CHARLOTTE PIPE AND FOUNDRY COMPANY®

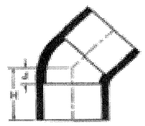
90 Degree Elbow
SxS
PVC PART NO. 2300



Size	Universal Part No.	H (in)	G (in)	Approx. Wt. (Lbs)
4	406-040	4.375	2.3125	2.212

Schedule 40 Fittings — CHARLOTTE PIPE AND FOUNDRY COMPANY®

45 Degree Elbow
SxS
PVC PART NO. 2309

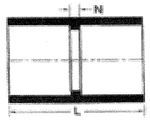


Size	Universal Part No.	H (in)	J (in)	Approx. Wt. (Lbs)
4	417-040	4.15625	1.09375	1.296

4. PVC Coupling Fittings: All PVC coupling fittings shall be polyvinyl chloride (PVC) Schedule 40. Pipe products shall be manufactured from virgin plastic of Type 1, Grade 1, PVC compound with cell classification of 12454-B per ASTM D1784. Manufacturer shall be Charlotte Pipe and Foundry Company (or approved equivalent).

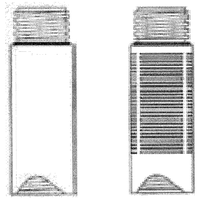
Schedule 40 Fittings — CHARLOTTE PIPE AND FOUNDRY COMPANY®

Coupling
SxS
PVC PART NO. 2100



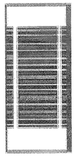
Size	Universal Part No.	L (in)	N (in)	Approx. Wt. (Lbs)
4	429-040	4.75	0.1875	0.996

5. PVC Slotted Pipe: All PVC slotted pipe shall be polyvinyl chloride (PVC) Schedule 40. Pipe products shall be manufactured from virgin plastic of Type 1, Grade 1, PVC compound with cell classification of 12454-B per ASTM D1784. Pipe manufacturer shall be Johnson Screens (or approved equivalent).

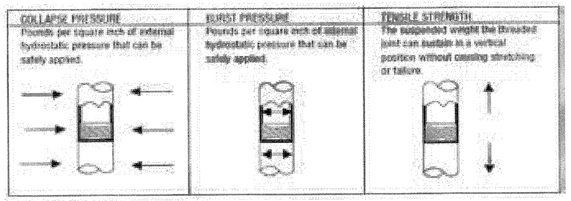


SCHEDULE 40 THREADED PVC SLOTTED SCREEN PIPE									
DIA	LENGTHS				SCH 40 THREADS PER INCH			SCH 40 SLOT WIDTHS	SLOT SPACING
Inches	2 ft	5 ft	10 FT	20 FT	2 TPI	4 TPI	8 TPI	Inches	3/16"
4	X	X	X	X	X	XX		0.006 - 0.250	X

Note: XX indicates no O-ring on Schedule 40 with 4 TPI



SCHEDULE 40 PLAIN END PVC SLOTTED SCREEN PIPE				
DIA	LENGTHS		SCH 40 SLOT WIDTHS	SLOT SPACING
Inches	10 FT	20 FT	Inches	1/4"
4	X	X	0.006 - 0.250	X



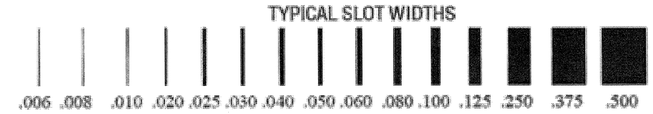
SCHEDULE 40 PVC PRESSURE AND STRENGTH TABLES			
PIPE SIZE (in)	COLLAPSE PRESSURE (psi)	BURST PRESSURE (psi)	TENSILE STRENGTH (lbs)
4.00	70	110	4,119

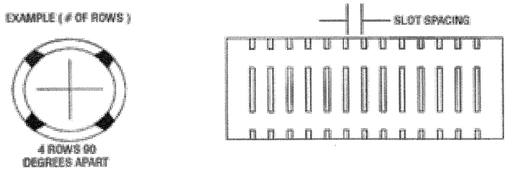
SCHEDULE 40 SCREEN OPEN AREA - STANDARD CONSTRUCTION (Square Inches / Foot)			
Pipe Size	Slot Spacing	Standard Slot Opening (inches)	
(in)	(in)	0.010	0.020
4.00	1/4	3.12	6.33

SCHEDULE 40 SCREEN % OPEN AREA - STANDARD CONSTRUCTION (% Open Area)			
Pipe Size	Slot Spacing	Standard Slot Opening (inches)	
(in)	(in)	0.010	0.020
4.00	1/4	2.07	4.20

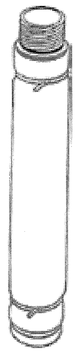
SCHEDULE 40 SCREEN TRANSMITTING CAPACITY - STANDARD CONSTRUCTION Transmitting Capacity (Gallons per Minute per Foot)			
Pipe Size	Slot Spacing	Standard Slot Opening (inches)	
(in)	(in)	0.010	0.020
4.00	1/4	0.97	1.96

SLOTTING INFORMATION





6. Polyester Filter Sock: All filter socks shall be polyester. Supplier shall be Dean Bennet Supply Company (or approved equivalent).



Fine Mesh polyester filter sock fits tightly over slotted screen pipe and is designed to prevent fine sand from entering the well screen, The material is 100% knitted polyester, which is inert and resistant to acids and oxidation degradation. Available in continuous lengths up to a full 100' coil. The filter sock has a pore size between 125 - 150 microns and a flow rate of 250 gallons per minute per square foot of area. Filter sock is easily attached to the outside of the screened pipe with nylon cable ties.

REV	DATE	DESCRIPTION	BY
1	3/15/12	CONCEPTUAL DESIGN	JMF
2	3/9/12	CONSTRUCTION DRAWINGS	JMF
3	6/13/12	CONSTRUCTION DRAWINGS	JMF

Wayland Town Center
430 Boston Post Road
Wayland, Massachusetts

VEIRTEX®
ENVIRONMENTAL SERVICES, INC.
400 LIBBEY PARKWAY
WEYMOUTH, MA 02189
PH (781) 952-6000, FAX (781) 335-3543

DRAWING TITLE:
VENTING SYSTEM DESIGN - PHASE 1,
WAYLAND TOWN CENTER

JOB NUMBER: 19163
DESIGNED BY: JMF
DRAWN BY: EPN
CHECKED BY: JON NORIS, PE
SCALE: N/A
DATE: JUNE 13, 2012

SHEET NUMBER
SH5

VENTING SYSTEM DESIGN
PHASE I WAYLAND TOWN CENTER
430 BOSTON POST ROAD
WAYLAND, MASSACHUSETTS

The venting system design includes the sub-surface piping layout for eight (8) commercial buildings (identified on SH1) at Phase I of the Wayland Town Center project. The venting system is not being installed as a required mitigation measure to maintain a condition of No Significant Risk in the site buildings but is being installed voluntarily by Twenty Wayland, at the request of Raytheon. The sub-slab piping system is designed to provide a conveyance system to remove soil vapors that may accumulate in a washed crushed rock layer located below a vapor barrier at the identified buildings. Per Raytheon's request a VOC vapor barrier is only being required at Building 2F. This venting system design includes the piping to be located below the 8 commercial buildings and is to be capped below grade, for later connection and use (by others if necessary).

Plans are based upon current site conditions assuming that subsurface soils consist of a fine to coarse grained sand with little to trace cobbles and is assumed to be suitable for a low pressure, high air flow sub-slab depressurization system;

VOC vapor barrier specifications for Building 2F, or other buildings (if requested), are not included in this design. The sub-slab piping design presented on SH1 assumes that a sub-slab vapor barrier will be installed in conjunction with the sub-slab piping. Plans assume that vapor barriers will be installed below the entire footprint of the building foundation, and that tears, rips, leaks, punctures, protrusions, utility conduits, damage and defects etc., will be sealed in accordance with the vapor barrier manufacturers specifications;

Plans assume that stone above the screened portion of the sub-slab piping will consist of a minimum of 2 inches of ¾-inch minus washed crushed stone that will be in unimpeded contact with a layer consisting of a minimum of 4-inches of ¾-inch minus washed crushed stone placed directly below the selected vapor barrier;

Plans do not include drawing, specifications or other information regarding the proposed vapor barrier, at Building 2F or other building (if requested) and may require modification, based upon the vapor barrier selected;

Sub-slab vacuum must be confirmed (by Raytheon) prior to activation in the field as induced vacuum below the slab may be affected the following:

- Locations of subsurface utilities, piping, drains, footings, columns, or other structures;
- Non-homogeneity of subsurface sands and/or gravel;
- Leaks, tears, rips, holes, punctures, or other damage, or defects in the vapor barrier (regardless of the cause of defect);
- Damage to the piping system, un-approved modifications, incompatible materials, or other installation changes, including the changes that may occur during installation of utilities, foundations vapor barriers, fill materials, building settling, that may alter, or affect the sub-slab piping system; and
- Sub-slab pipe and vapor barrier age.

A visual inspection of the pipe installation will be conducted by VERTEX (and Raytheon will be provided the opportunity to also observe) prior to backfilling piping runs with washed crushed stone. The purpose of the visual inspection is to evaluate potential impacts because of the location of subsurface obstructions (footings, columns, utilities, etc.). The visual inspection is not intended to, nor can it identify all potential impacts from subsurface obstructions but is intended to provide an opportunity to modify, relocate or add piping as required by the VERTEX or requested by Raytheon based upon actual building construction conditions. The criteria to be utilized for the inspection is to ensure that piping is provided at approximately 40 feet on center but no obstructions (i.e., other utilities or structures) are within 20 feet. Changes will be noted on the contract documents.

Plans assume that the sub-slab piping will be capped below grade. The Location of the header pipe will be surveyed by the site contractor with ties to the foundation exterior so that the pipe may be located (by others) in the future. Surface piping, air flow regulation control devices, back flow preventers, pipe manifolds, riser connections, piping to building stabilization and hanging, blower/fan sizing, pilot testing, post installation testing (including testing in conjunction with and/or without a vapor barrier), and emissions controls are not included in these design specifications and are to be evaluated, installed, designed and/or conducted by others.

The site contractor will maintain and provide Twenty Wayland and VERTEX with photographic records of pipe installation that document the location of pipes installed at the 8 buildings.

The sub-slab venting system piping is not designed to prevent volatile compounds from entering the building, and will only potentially remove sub-slab volatile organic compounds while active. The installation of a sub-slab piping system and/or a vapor barrier below the site buildings does not remove the requirements for proper pre-and/or post installation and operation testing and sampling (to be conducted by others) to confirm that the sub-slab venting system and/or the vapor barrier are constructed, installed, and operating as required. Modifications to the sub-slab venting system piping and vapor barrier based upon pre-and/or post installation and operation testing and/or sampling are to be conducted by others.

Geotechnical, structural, civil, utility, or other site specific requirements must be evaluated and conducted by others prior to the installation of the sub-surface piping system;

Materials and installation specifications are included in the construction design documentation.

REV	DATE	DESCRIPTION	BY
1	3/15/12	CONCEPTUAL DESIGN	JMF
2	3/9/12	CONSTRUCTION DRAWINGS	JMF
3	6/13/12	CONSTRUCTION DRAWINGS	JMF

Wayland Town Center
430 Boston Post Road
Wayland, Massachusetts

VERTEX®
ENVIRONMENTAL SERVICES, INC.
400 LIBBEY PARKWAY
WEYMOUTH, MA 02189
PH (781) 952-6000, FAX (781) 335-3543

DRAWING TITLE:
VENTING SYSTEM DESIGN - PHASE 1, WAYLAND TOWN CENTER

JOB NUMBER: 19163
DESIGNED BY: JMF
DRAWN BY: EPN
CHECKED BY: JON NORIS, PE
SCALE: N/A
DATE: JUNE 13, 2012

SHEET NUMBER
SH6

VERTEX®

Vertex Environmental Services, Inc.
Vertex Environmental Insurance Services, Inc.
Vertex Construction Services, Inc.
Vertex International Services
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Vertex Ingenieros Consultores, S. de R.L. de C.V.

Corporate Headquarters
400 Libbey Parkway
Weymouth, MA 02189
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p: 781.952.6000
f: 781.335.3543

August 16, 2012

Twenty Wayland, LLC
10 Memorial Boulevard
Suite 901
Providence, RI 02903
Attention: Mr. Frank Dougherty

Re: ***Building 2E Venting System Visual Inspection***
430 Boston Post Road
Wayland, Massachusetts
VERTEX Project No. 19163

Dear Mr. Dougherty:

Vertex Environmental Services, Inc. (VERTEX) is pleased to present this letter summarizing the visual inspection(s) of the vapor venting sub-slab piping for Building 2E currently being constructed at the above referenced property (the site). At the request of Twenty Wayland, LLC, (Twenty Wayland), VERTEX provided stamped construction plans for the construction of a venting system to be installed below the concrete slab of Building 2E. The stamped plans (last revision as of this letter June 20, 2012) were incorporated into the overall construction documentation by the site architect for use by the site contractor(s) to install and construct the venting system piping.

As part of the venting system design and installation, Twenty Wayland requested that VERTEX conduct visual inspections during piping installation by the contractor to confirm that the piping was being installed in general accordance with the VERTEX design plans prior to the installation of the concrete slab. In addition, VERTEX collected photographic documentation of the venting system piping which is attached for reference.

The inspection was performed on August 14, 2012. The inspections performed were visual-only observations of the venting system piping, trenching and gravel layers. The venting system piping appears to have been installed in general accordance with the architectural construction documents and VERTEX design specifications, with the exception of the location of the termination of the solid 4-inch diameter PVC pipe where the pipe exits the building. The pipe was moved approximately 10 feet south along the western building wall). The minor modification of the pipe location was required to position the end of the 4-inch diameter pipe in a landscaped area for easier access in the future (if necessary). The location of the two 20-foot segments of 4-inch diameter PVC with 0.02"-slotted screen and the roof vent on the northwestern corner of the building were not altered.

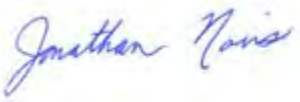
Please do not hesitate to contact us should you have any questions or require additional information.

Sincerely,

Vertex Environmental Services, Inc.

Jesse Freeman
Senior Project Manager

Jessica Fox, PE
Division Manager



Jon Noris, PE, LSP
Engineer of Record

Encl: Photographs

Photographic Documentation
Building 2E Subs-lab Depressurization System
430 Boston Post Road
Wayland, Massachusetts
Project No. 19163

Photograph: 1 **Description:** View of the interior of Building 2E prior to SSDS trenching.	

Photograph: 2 **Description:** View of the northern portion of the interior of Building 2E prior to SSDS trenching.	

Photographic Documentation
Building 2E Subs-lab Depressurization System
430 Boston Post Road
Wayland, Massachusetts
Project No. 19163

Photograph: 3 **Description:** Hand-digging the northern trench for the 20-foot segment of 0.02”-slotted 4-inch PVC screen (northern screen segment). This trench was hand-dug because of the close proximity of a grease trap and subgrade sink lines.	

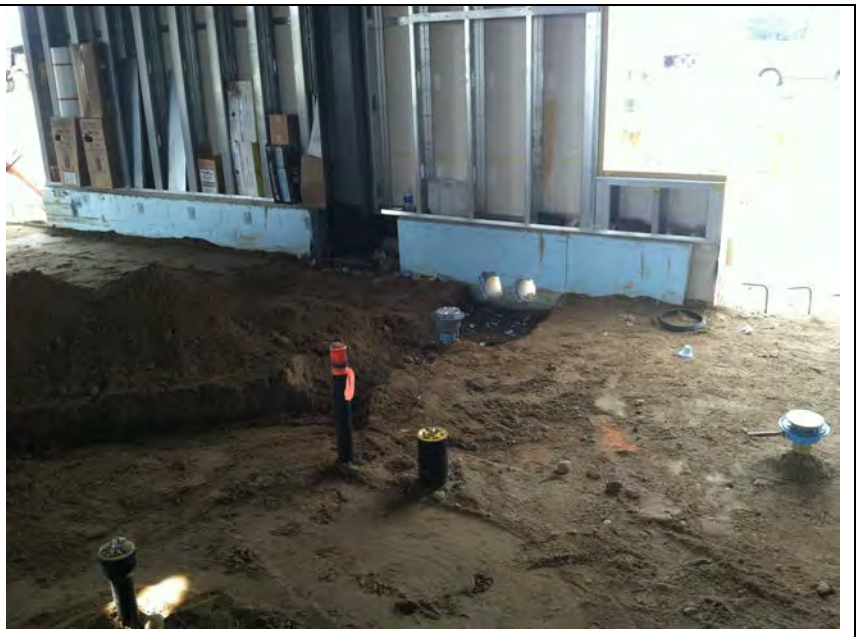
Photograph: 4 **Description:** The hand-dug northern trench for the northern screen segment.	

Photographic Documentation
Building 2E Subs-lab Depressurization System
430 Boston Post Road
Wayland, Massachusetts
Project No. 19163

Photograph: 5 **Description:** Close-up of the hand-dug trench for the northern screen segment.	

Photograph: 6 **Description:** Close-up of the hand-dug northern trench.	

Photographic Documentation
Building 2E Subs-lab Depressurization System
430 Boston Post Road
Wayland, Massachusetts
Project No. 19163

Photograph: 7 **Description:** View of the exit of the two legs of the SSDS piping at the western edge of Building 2E.	

Photograph: 8 **Description:** View of the northern screen segment trench and connected trench.	

Photographic Documentation
Building 2E Subs-lab Depressurization System
430 Boston Post Road
Wayland, Massachusetts
Project No. 19163

Photograph: 9 **Description:** Top: View of the southern trench for the 20-foot segment of 0.02”-slotted 4-inch PVC screen (southern screen segment). Center-bottom: View of the connected trench.	

Photograph: 10 **Description:** Close-up of the southern connected trench.	

Photographic Documentation
Building 2E Subs-lab Depressurization System
430 Boston Post Road
Wayland, Massachusetts
Project No. 19163

Photograph: 11 **Description:** Close-up of the southern screen segment trench.	

Photograph: 12 **Description:** 4-inch PVC in position in the southern connected trench.	

Photographic Documentation
Building 2E Subs-lab Depressurization System
430 Boston Post Road
Wayland, Massachusetts
Project No. 19163

Photograph: 13 **Description:** Close-up of a 45-degree bend in the southern connected trench and associated piping.	

Photograph: 14 **Description:** View of the exit of the connected trench piping. The exit is located on the western side of the building.	

Photographic Documentation
Building 2E Subs-lab Depressurization System
430 Boston Post Road
Wayland, Massachusetts
Project No. 19163

Photograph: 15 **Description:**	

Photograph: 16 **Description:** Hand-digging the northern connected trench. An extension on the northern screen segment is located at the bottom of the photograph.	

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Building 2E Subs-lab Depressurization System
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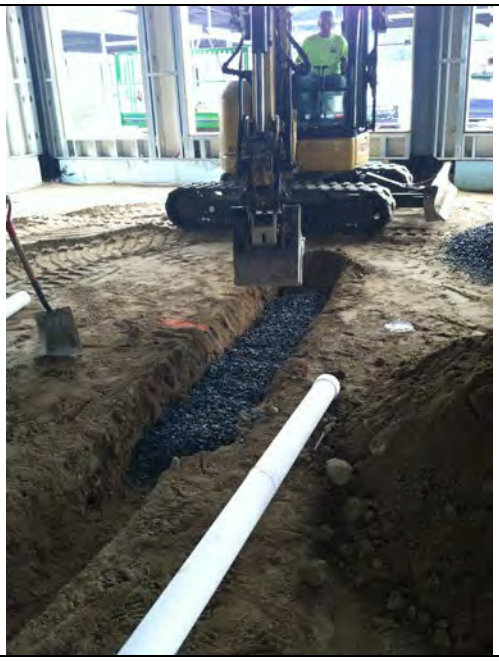
Wayland, Massachusetts
Project No. 19163

Photograph: 17 **Description:** View of the convergence of the pipe leading to the roof vent (bottom right); the end of the northern screen segment trench (bottom left); and the northern connected trench leading to the exit on the western side of Building 2E (top).	

Photograph: 18 **Description:** Adding a layer of ¾" crushed stone to the northern screen segment trench.	

Photographic Documentation
Building 2E Subs-lab Depressurization System
430 Boston Post Road
Wayland, Massachusetts
Project No. 19163

Photograph: 19 **Description:** Pipe laid in the trench as described in Photograph 17. The pipe to the roof vent is located at top-left; the northern screen segment is located to the right, and the pipe leading to the exit of Building 2E is located on the bottom left.	
Photograph: 20 **Description:** View of the southern screen segment trench (bottom left); and southern connected trench and piping (left).	

Photographic Documentation
Building 2E Subs-lab Depressurization System
430 Boston Post Road
Wayland, Massachusetts
Project No. 19163

Photograph: 21 **Description:** View of the SSDS piping exit on the western edge of Building 2E from outside.	

Photograph: 22 **Description:** View of the northern and southern connected piping and trenches at the exit of Building 2E.	

Photographic Documentation
Building 2E Subs-lab Depressurization System
430 Boston Post Road
Wayland, Massachusetts
Project No. 19163

Photograph: 23 **Description:** View of the northern and southern connected piping and trenches at the exit of Building 2E. The exit is located right of the right edge of the photograph.	

Photograph: 24 **Description:** Adding ¾" crushed stone to the southern screen segment trench.	

Photographic Documentation
Building 2E Subs-lab Depressurization System
430 Boston Post Road
Wayland, Massachusetts
Project No. 19163

Photograph: 25 **Description:** Close-up of the northern screen segment trench and sleeve-covered screened PVC piping.	

Photograph: 26 **Description:** Adding crushed stone to the top and sides of the northern screen segment piping and trench.	

Photographic Documentation
Building 2E Subs-lab Depressurization System
430 Boston Post Road
Wayland, Massachusetts
Project No. 19163

Photograph: 27 **Description:** View of the setting of the northern connected trench at final pitch to allow for excess water drainage to the northern screen segment.		

Photograph: 28 **Description:** View of the setting of the northern connected trench at final pitch to allow for excess water drainage to the northern screen segment.		

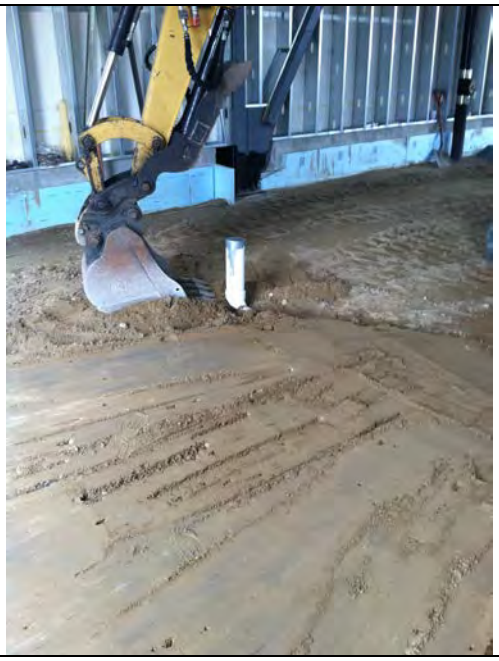
Photographic Documentation
Building 2E Subs-lab Depressurization System
430 Boston Post Road
Wayland, Massachusetts
Project No. 19163

Photograph: 29 **Description:** View of the final grade of the ends of the northern and southern legs at the exit of Building 2E.	

Photograph: 30 **Description:** View of the southern screen segment and sleeve-covered screened PVC.	

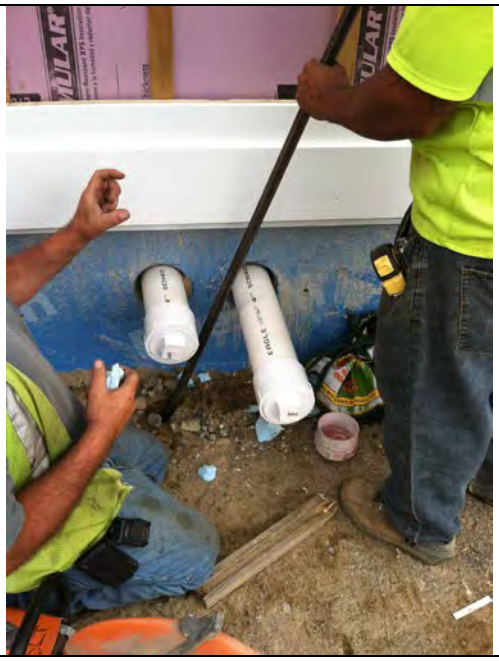
Photographic Documentation
Building 2E Subs-lab Depressurization System
430 Boston Post Road
Wayland, Massachusetts
Project No. 19163

Photograph: 31 **Description:** View of the interior of Building 2E from the southeast.	

Photograph: 32 **Description:** Backfilling the northern connected trench. The pipe stick-up is the future connection to the roof vent.	

Photographic Documentation
Building 2E Subs-lab Depressurization System
430 Boston Post Road
Wayland, Massachusetts
Project No. 19163

Photograph: 33 **Description:** Setting the southern connected trench and piping at grade.	

Photograph: 34 **Description:** View of the capped ends of the northern and southern leg exits at the western edge of Building 2E.	

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p: 781.952.6000
f: 781.335.3543

October 2, 2012

Twenty Wayland, LLC
10 Memorial Boulevard
Suite 901
Providence, RI 02903
Attention: Mr. Frank Dougherty

Re: ***Building 2F Venting System Visual Inspection***
430 Boston Post Road
Wayland, Massachusetts
VERTEX Project No. 19163

Dear Mr. Dougherty:

Vertex Environmental Services, Inc. (VERTEX) is pleased to present this letter summarizing the visual inspection(s) of the vapor venting sub-slab piping for Building 2F currently being constructed at the above referenced property (the site). At the request of Twenty Wayland, LLC, (Twenty Wayland), VERTEX provided stamped construction plans for the construction of a venting system to be installed below the concrete slab of Building 2F. The stamped plans, were revised on September 26, 2012 to modify the location of the subsurface piping on the western portion of building 2F to avoid footings and other subsurface obstructions. A copy of the September 26, 2012, stamped plans associated with the revision that show the venting system pipe locations are attached.

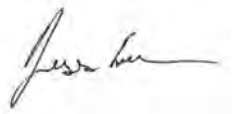
As part of the venting system design and installation, Twenty Wayland requested that VERTEX conduct visual inspections during piping installation by the contractor to confirm that the piping was being installed in general accordance with the VERTEX design plans prior to the installation of the concrete slab. In addition, VERTEX collected photographic documentation of the venting system piping which is attached for reference.

The inspection was performed on October 1, 2012. The inspections performed were visual-only observations of the venting system piping, trenching and gravel layers. The venting system piping appears to have been installed in general accordance with the September 26, 2012 stamped plans, architectural construction documents and VERTEX design specifications, with the exception that the location of the roof vent was moved approximately four feet to the west, to the interior of the sprinkler room. The locations of the screen segments, solid PVC termination points, and the solid PVC riser to the roof vent were not altered.

Please do not hesitate to contact us should you have any questions or require additional information.

Sincerely,

Vertex Environmental Services, Inc.



Jesse Freeman
Senior Project Manager

Jon Noris, PE, LSP
Engineer of Record

Encl: Photographs

Photographic Documentation
Building 2F Subs-lab Depressurization System
430 Boston Post Road
Wayland, Massachusetts
Project No. 19163

Photograph: 1 **Description:** View of a screen trench in the center of Building 2F.	

Photograph: 2 **Description:** View of a screened section covered with ¾" crushed stone.	

Photographic Documentation
Building 2F Subs-lab Depressurization System
430 Boston Post Road
Wayland, Massachusetts
Project No. 19163

Photograph: 3 **Description:** View of the T-junction at the eastern end of Building 2F.	

Photograph: 4 **Description:** View of a screen segment in the central portion of Building 2F.	

Photographic Documentation
Building 2F Subs-lab Depressurization System
430 Boston Post Road
Wayland, Massachusetts
Project No. 19163

Photograph: 5 **Description:** View of a screened section in the central portion of Building 2F.	

Photograph: 6 **Description:** View of the trench leading to the new location for the roof vent (approximately four feet to the west).	

Photographic Documentation
Building 2F Subs-lab Depressurization System
430 Boston Post Road
Wayland, Massachusetts
Project No. 19163

Photograph: 7 **Description:** View of the termination of a screened segment in Building 2F.	

Photograph: 8 **Description:** View of a solid PVC section near the elevator pit in Building 2F.	

Photographic Documentation
Building 2F Subs-lab Depressurization System
430 Boston Post Road
Wayland, Massachusetts
Project No. 19163

Photograph: 9 **Description:** View of two solid PVC sections in Building 2F.	

Photograph: 10 **Description:** View of a screened segment covered with crushed ¾" stone and a solid PVC riser segment near the southern end of Building 2F.	

Photographic Documentation
Building 2F Subs-lab Depressurization System
430 Boston Post Road
Wayland, Massachusetts
Project No. 19163

Photograph: 11 **Description:** View of the entry of the five legs in Building 2F. The entry point is located on the south side of the building.	

Photograph: 12 **Description:** View of the western portion of the interior of Building 2F covered with ¾" crushed stone. The hole represents one of the screened PVC sections; the segment runs left to right.	

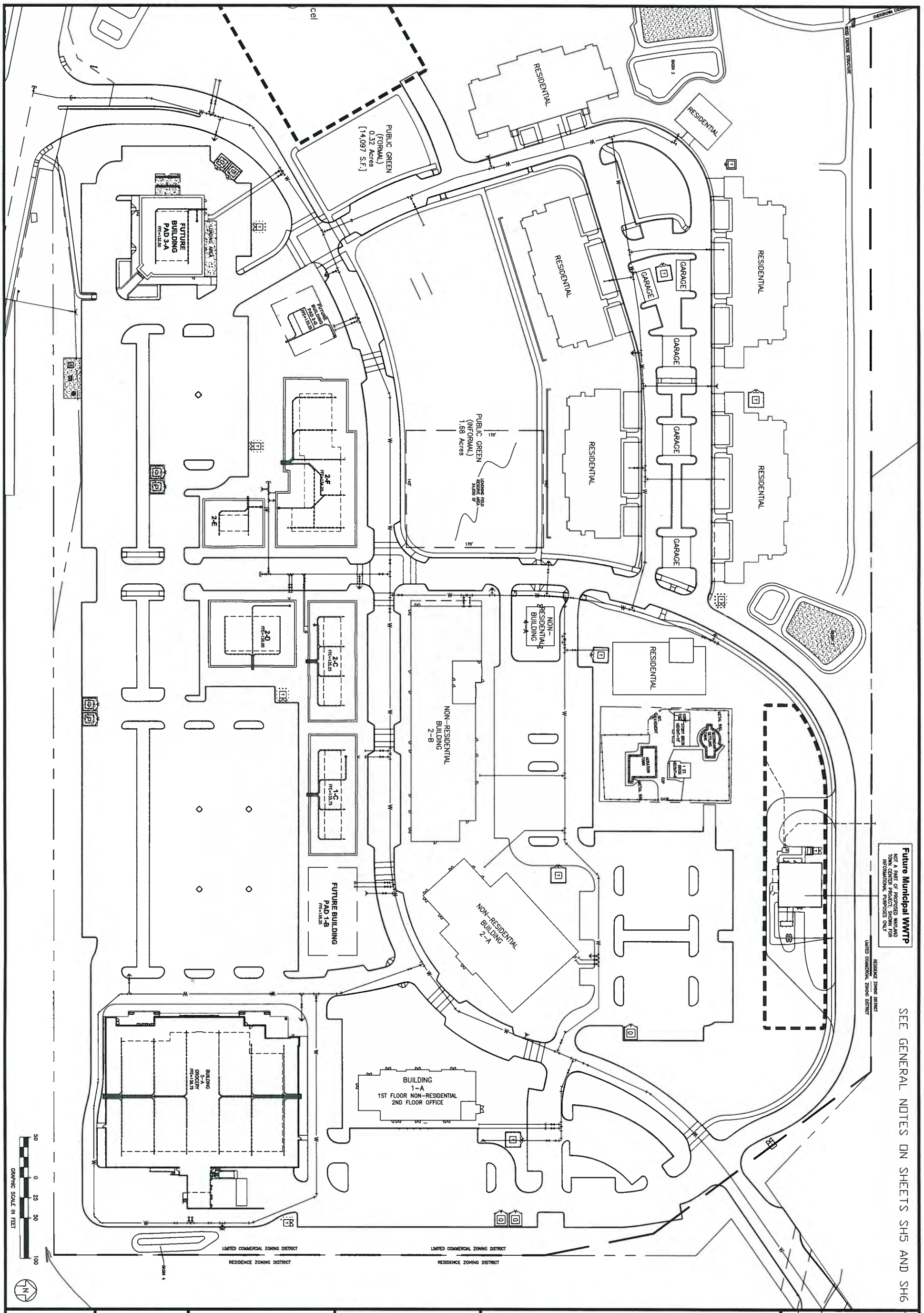
Photographic Documentation
Building 2F Subs-lab Depressurization System
430 Boston Post Road
Wayland, Massachusetts
Project No. 19163

Photograph: 13 **Description:** View of the interior of Building 2F covered with ¾" crushed stone.	

Photograph: 14 **Description:** View of the interior of Building 2F covered with ¾" crushed stone. The picture depicts the central, northern, and eastern portions of the building.	

Photographic Documentation
Building 2F Subs-lab Depressurization System
430 Boston Post Road
Wayland, Massachusetts
Project No. 19163

Photograph: 15 **Description:** View of the interior of Building 2F covered with ¾" crushed stone. The elevator pit is located at the right of the photo. The picture depicts the northern portion of the building.	

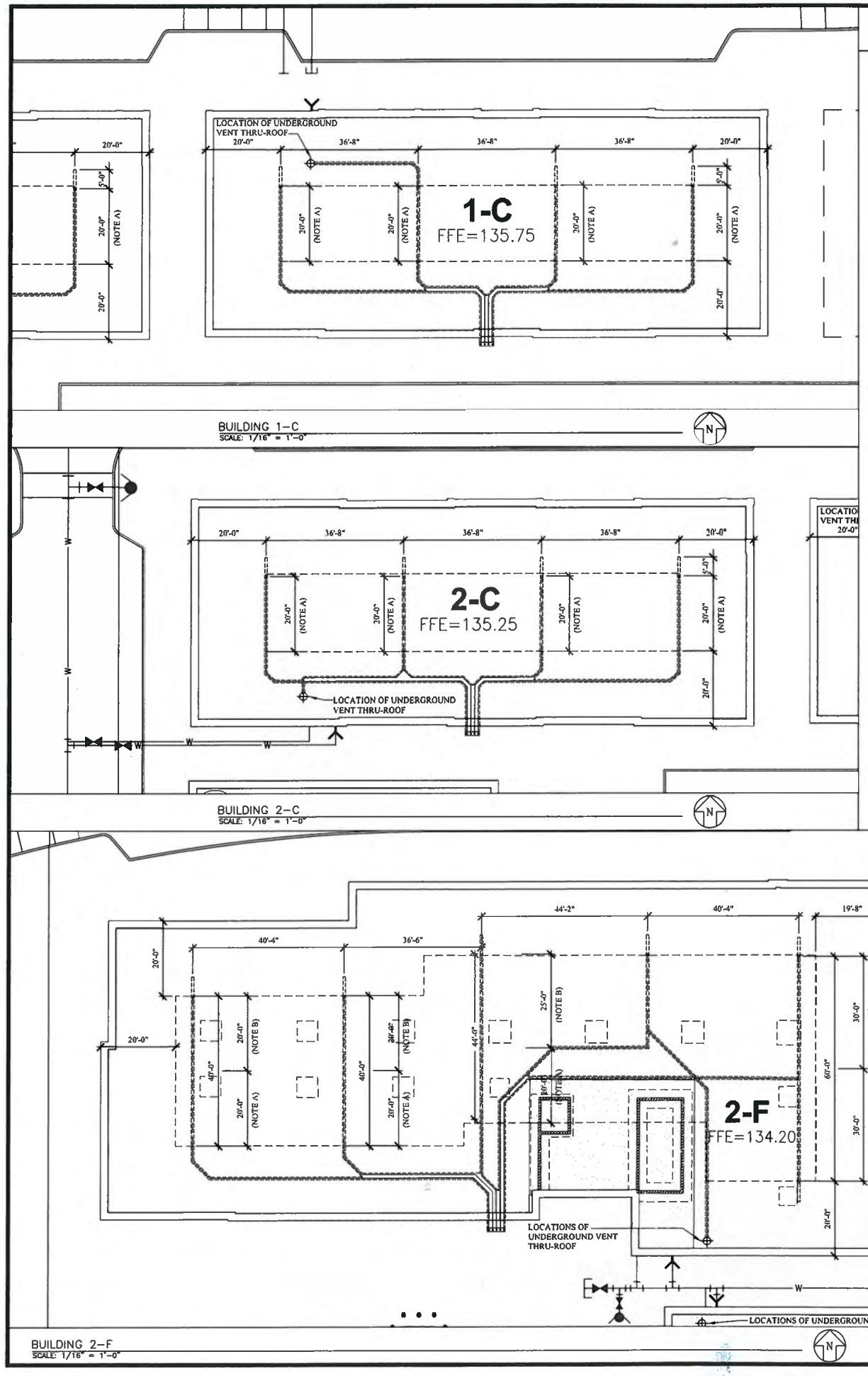


SHEET NUMBER SH1	JOB NUMBER: 19163	DRAWING TITLE: VENTING SYSTEM DESIGN - PHASE 1, WAYLAND TOWN CENTER	VERTEX® ENVIRONMENTAL SERVICES, INC. 400 LIBBEY PARKWAY WEYMOUTH, MA 02189 PH (781) 952-6000, FAX (781) 335-3543
1 OF 8 SHEETS	DESIGNED BY: JMF		
	DRAWN BY: EPN		
	CHECKED BY: JON NORIS, PE		
	SCALE: 1" = 50'-0"		
	DATE: MAY 9, 2012		

Wayland Town Center
430 Boston Post Road
Wayland, Massachusetts

REV	DATE	DESCRIPTION	BY
1	3/15/12	CONCEPTUAL DESIGN	JMF
2	3/9/12	CONSTRUCTION DRAWINGS	JMF

COMMONWEALTH OF MASSACHUSETTS
JONATHAN M. NORIS
CIVIL
No 41356
REGISTERED PROFESSIONAL ENGINEER
9/26/12



NOTES:

1. SEE GENERAL NOTES ON SHEETS SH5 AND SH6.
2. FOR NOTE A AND NOTE B, REFER TO DETAIL 1 IN SHEET SH4.

COMMONWEALTH OF MASSACHUSETTS
JONATHAN M. NORIS
CIVIL
No. 41536
REGISTERED PROFESSIONAL ENGINEER
9/26/12

REV	DATE	DESCRIPTION	BY
1	3/15/12	CONCEPTUAL DESIGN	JMF
2	3/9/12	CONSTRUCTION DRAWINGS	JMF

Wayland Town Center
430 Boston Post Road
Wayland, Massachusetts

VERTEX®
ENVIRONMENTAL SERVICES, INC.
400 LIBERTY PARKWAY
WEYMOUTH, MA 02189
PH: (781) 852-8000, FAX (781) 335-3543

DRAWING TITLE:
VENTING SYSTEM DESIGN - PHASE 1, WAYLAND TOWN CENTER

JOB NUMBER: 19163	
DESIGNED BY: JMF	
DRAWN BY: EPN	
CHECKED BY: JON NORIS, PE	
SCALE: 1/16" = 1'-0"	
DATE: MAY 9, 2012	

SHEET NUMBER
SH3

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Vertex Environmental Services, Inc.
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Vertex Ingenieros Consultores, S. de R.L. de C.V.

Corporate Headquarters
400 Libbey Parkway
Weymouth, MA 02189
www.vertexeng.com
p: 781.952.6000
f: 781.335.3543

December 10, 2012

Twenty Wayland, LLC
10 Memorial Boulevard
Suite 901
Providence, RI 02903
Attention: Mr. Frank Dougherty

Re: ***Building 2G Venting System Visual Inspection***
430 Boston Post Road
Wayland, Massachusetts
VERTEX Project No. 19163

Dear Mr. Dougherty:

Vertex Environmental Services, Inc. (VERTEX) is pleased to present this letter summarizing the visual inspection(s) of the vapor venting sub-slab piping for Building 2G currently being constructed at the above referenced property (the site). At the request of Twenty Wayland, LLC, (Twenty Wayland), VERTEX provided stamped construction plans for the construction of a venting system to be installed below the concrete slab of Building 2G. The stamped plans (last revision as of this letter November 21, 2012) were incorporated into the overall construction documentation by the site architect for use by the site contractor(s) to install and construct the venting system piping. A copy of the November 21, 2012, 2012, stamped plans associated with the revision that show the venting system pipe locations are attached.

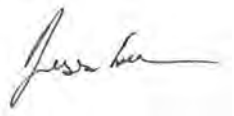
As part of the venting system design and installation, Twenty Wayland requested that VERTEX conduct visual inspections during piping installation by the contractor to confirm that the piping was being installed in general accordance with the VERTEX design plans prior to the installation of the concrete slab. In addition, VERTEX collected photographic documentation of the venting system piping which is attached for reference.

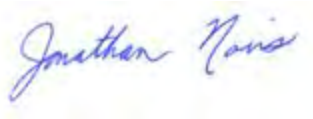
The inspection was performed on December 4, 2012. The inspections performed were visual-only observations of the venting system piping, trenching and gravel layers. The venting system piping appears to have been installed in general accordance with the November 21, 2012 stamped plans, architectural construction documents and VERTEX design specifications, with the exception that the location of the roof vent was moved approximately forty feet to the south, along the west wall. The locations of the screen segments, solid PVC termination points, and the solid PVC riser to the roof vent were not altered.

Please do not hesitate to contact us should you have any questions or require additional information.

Sincerely,

Vertex Environmental Services, Inc.





Jesse Freeman
Senior Project Manager

Jon Noris, PE, LSP
Engineer of Record

Encl: Photographs

Photographic Documentation
Building 2G Subs-lab Depressurization System
430 Boston Post Road
Wayland, Massachusetts
Project No. 19163

Photograph: 1 **Description:** View of the two solid PVC section entering the building from the south side of Building 2G.	

Photograph: 2 **Description:** View of a screened section covered with ¾" crushed stone.	

Photographic Documentation
Building 2G Subs-lab Depressurization System
430 Boston Post Road
Wayland, Massachusetts
Project No. 19163

Photograph: 3 **Description:** View of the screened segment and the roof vent. The roof vent runs along the north corner and runs back south along the roof to vent towards the southern end of Building 2G.	

Photograph: 4 **Description:** View of a solid PVC section in the northern portion of Building 2G.	

Photographic Documentation
Building 2G Subs-lab Depressurization System
430 Boston Post Road
Wayland, Massachusetts
Project No. 19163

Photograph: 5 **Description:** View of a roof vent coming up out of the ground entering a iron pipe to be vented out of the roof of Building 2G.	

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December 10, 2012

Twenty Wayland, LLC
10 Memorial Boulevard
Suite 901
Providence, RI 02903
Attention: Mr. Frank Dougherty

Re: ***Building 3A Venting System Visual Inspection***
430 Boston Post Road
Wayland, Massachusetts
VERTEX Project No. 19163

Dear Mr. Dougherty:

Vertex Environmental Services, Inc. (VERTEX) is pleased to present this letter summarizing the visual inspection(s) of the vapor venting sub-slab piping for Building 3A currently being constructed at the above referenced property (the site). At the request of Twenty Wayland, LLC, (Twenty Wayland), VERTEX provided stamped construction plans for the construction of a venting system to be installed below the concrete slab of Building 3A. The stamped plans (last revision as of this letter November 21, 2012) were incorporated into the overall construction documentation by the site architect for use by the site contractor(s) to install and construct the venting system piping. A copy of the November 21, 2012, stamped plans associated with the revision that show the venting system pipe locations are attached..

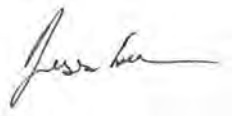
As part of the venting system design and installation, Twenty Wayland requested that VERTEX conduct visual inspections during piping installation by the contractor to confirm that the piping was being installed in general accordance with the VERTEX design plans prior to the installation of the concrete slab. In addition, VERTEX collected photographic documentation of the venting system piping which is attached for reference.

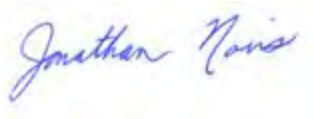
The inspection was performed on December 4, 2012. The inspections performed were visual-only observations of the venting system piping and gravel layers. The venting system piping appears to have been installed in general accordance with the November 21, 2012 stamped plans, architectural construction documents and VERTEX design specifications, with the exception that the location of the roof vent was moved approximately ten feet to the west.. The locations of the screen segments, solid PVC termination points, and the solid PVC riser to the roof vent were not altered.

Please do not hesitate to contact us should you have any questions or require additional information.

Sincerely,

Vertex Environmental Services, Inc.





Jesse Freeman
Senior Project Manager

Jon Noris, PE, LSP
Engineer of Record

Encl: Photographs

Photographic Documentation
Building 3A Subs-lab Depressurization System
430 Boston Post Road
Wayland, Massachusetts
Project No. 19163

Photograph: 1 **Description:** View of a screened section covered with ¾" crushed stone on the north side of Building 3A.	

Photograph: 2 **Description:** View of a screened section covered with ¾" crushed stone on the south side of Building 3A.	

Photographic Documentation
Building 3A Subs-lab Depressurization System
430 Boston Post Road
Wayland, Massachusetts
Project No. 19163

Photograph: 3 **Description:** View of a screened section covered with ¾" crushed stone on the south side of Building 3A.	

Photograph: 4 **Description:** View of the roof vent coming up through the crushed stone in the north east corner of Building 3A.	

Photographic Documentation
Building 3A Subs-lab Depressurization System
430 Boston Post Road
Wayland, Massachusetts
Project No. 19163

Photograph: 5 **Description:** View of the interior of Building 2F covered with ¾" crushed stone. The picture depicts the interior of the building.	

Photograph: 13 **Description:** View of the interior of Building 2F covered with ¾" crushed stone.	

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f: 781.335.3543

July 13, 2012

Twenty Wayland, LLC
10 Memorial Boulevard
Suite 901
Providence, RI 02903
Attention: Mr. Frank Dougherty

Re: ***Stop and Shop Venting System Visual Inspection***
430 Boston Post Road
Wayland, Massachusetts
VERTEX Project No. 19163

Dear Mr. Dougherty:

Vertex Environmental Services, Inc. (VERTEX) is pleased to present this letter summarizing the visual inspection(s) of the vapor venting sub-slab piping for the Stop and Shop building currently being constructed at the above referenced property (the site). At the request of Twenty Wayland, LLC, (Twenty Wayland), VERTEX provided stamped construction plans for the construction of a venting system to be installed below the concrete slab of the proposed Stop and Shop building. The stamped plans (last revision as of this letter June 20, 2012) were incorporated into the overall construction documentation by the site architect for use by the site contractor(s) to install and construct the venting system piping.

As part of the venting system design and installation, Twenty Wayland requested that VERTEX conduct visual inspections during piping installation by the contractor to confirm that the piping was being installed in general accordance with the VERTEX design plans prior to the installation of the concrete slab. In addition, VERTEX collected photographic documentation of the venting system piping which is attached for reference.

Because of the size of the Stop and Shop building, three inspections were required to conduct a 100-percent inspection of the vapor venting piping. The inspections were conducted as follows (percentages are approximate):

- June 21, 2012 - 20-percent;
- June 27, 2012 - 60-percent; and
- July 2, 2012 – 100-percent.

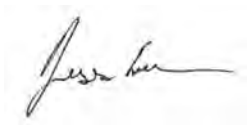
The inspections performed were visual only observations of the venting system piping, trenching and gravel layers. Based upon the visual inspection, the venting system piping appears to have

been installed in general accordance with the architectural construction documents and VERTEX design specifications.

Please do not hesitate to contact us should you have any questions or require additional information.

Sincerely,

Vertex Environmental Services, Inc.



Jesse Freeman
Senior Project Manager

Jessica Fox, PE
Division Manager

Jon Norris, PE, LSP
Engineer of Record

Encl: Photographs

Photographic Documentation
430 Boston Post Road
Wayland, Massachusetts
Project No. 19163

Photograph: 1 **Description:** **20% complete** **June 21, 2012** View to the south of the six installed 20-foot segments of screened PVC along the eastern edge of the future Stop & Shop concrete pad.		

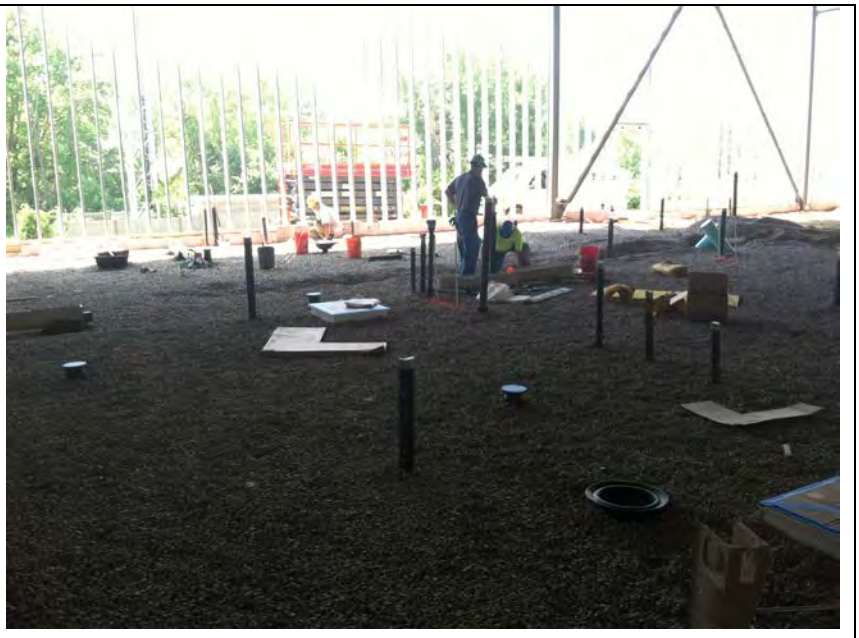
Photograph: 2 **Description:** **20% complete** **June 21, 2012** An individual 20-foot screened PVC segment surrounded by ¾-inch crushed stone.		

Photographic Documentation
430 Boston Post Road
Wayland, Massachusetts
Project No. 19163

Photograph: 3 **Description:** **20% complete** **June 21, 2012** Close-up view of the screened SSDS piping with filter fabric (TYP).	

Photograph: 4 **Description:** **20% complete** **June 21, 2012** View of the screened SSDS piping with filter fabric (TYP).	

Photographic Documentation
430 Boston Post Road
Wayland, Massachusetts
Project No. 19163

Photograph: 5 **Description:** **20% complete** **June 21, 2012** The northeastern corner of the future Stop & Shop concrete pad with gravel layer.	

Photograph: 6 **Description:** **20% complete** **June 21, 2012** View to the north of the six installed segments of screened PVC along the eastern edge of the future Stop & Shop concrete pad and gravel layer.	

Photographic Documentation
430 Boston Post Road
Wayland, Massachusetts
Project No. 19163

Photograph: 7 **Description:** **20% complete** **June 21, 2012** View to the southwest of the future Stop & Shop concrete pad.	

Photograph: 8 **Description:** **60% complete** **June 27, 2012** View to the north of the northern half of the SSDS main line solid lines sloped for drainage.	

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Wayland, Massachusetts
Project No. 19163

Photograph: 9 **Description:** **60% complete** **June 27, 2012** View of an SSDS trench area for piping installation prior to gravel fill.	

Photograph: 10 **Description:** **60% complete** **June 27, 2012** An unscreened junction in the northern half of the Stop & Shop SSDS (TYP).	

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430 Boston Post Road
Wayland, Massachusetts
Project No. 19163

Photograph: 11 **Description:** **60% complete** **June 27, 2012** An unscreened junction in the northern half of the Stop & Shop SSDS.	

Photograph: 12 **Description:** **60% complete** **June 27, 2012** The northern end of the Stop & Shop SSDS where the pipes exit the building.	

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430 Boston Post Road
Wayland, Massachusetts
Project No. 19163

Photograph: 13 **Description:** **100% complete** **July 2, 2012** A screened leg surrounded by ¾-inch crushed stone in the southern portion of the Stop & Shop SSDS.	

Photograph: 14 **Description:** **100% complete** **July 2, 2012** An unscreened junction in the southern half of the Stop & Shop SSDS.	

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Wayland, Massachusetts
Project No. 19163

Photograph: 15 **Description:** **100% complete** **July 2, 2012** A screened leg surrounded by ¾-inch crushed stone in the southern portion of the Stop & Shop SSDS.	

Photograph: 16 **Description:** **100% complete** **July 2, 2012** View of the southern portion of the Stop & Shop SSDS.