

RELEASE ABATEMENT MEASURE STATUS REPORT

SOIL EXCAVATION AND REMOVAL

**NEW BEDFORD HIGH SCHOOL
NEW BEDFORD, MASSACHUSETTS**

Release Tracking Number 4-15685

Prepared for:

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August 2012

Acronyms

BOL	Bill of Lading
CGP	Construction General Permit
CHES	Clean Harbors Environmental Services, Incorporated
DPI	Department of Public Infrastructure
EP	Exposure Point
EPA	United States Environmental Protection Agency
MassDEP	Massachusetts Department of Environmental Protection
MCP	Massachusetts Contingency Plan
NBHS	New Bedford High School
NPDES	National Pollutant Discharge Elimination System
NOI	Notice of Intent
PID	Photoionization Detector
RAM	Release Abatement Measure
RTN	Release Tracking Number
SWPPP	Stormwater Pollution Prevention Plan
TRC	TRC Environmental Corporation
VOC	Volatile Organic Compound

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1.0 INTRODUCTION

TRC Environmental Corporation (TRC) is submitting this Release Abatement Measure Status Report (RAM Status Report) to the Massachusetts Department of Environmental Protection (MassDEP) on behalf of the City of New Bedford (City) per 310 CMR 40.0445 of the Massachusetts Contingency Plan (MCP; 310 CMR 40.0000). This RAM Status Report addresses impacted soil removal and site restoration activities conducted at the New Bedford High School (NBHS) Campus (“the Site”), under a RAM Plan submitted to MassDEP on April 6, 2011 (TRC, 2011a) and conditionally approved by MassDEP on April 15, 2011. Additional activities were proposed in the RAM Plan Modification (TRC, 2011b) submitted to MassDEP on July 22, 2011 and conditionally approved on August 1, 2011. The activities performed during this reporting period (January 6, 2012 through August 4, 2012) include:

- Off-site transportation and disposal of impacted soil, debris (i.e., cobbles, boulders and concrete) and tree stump material at appropriately licensed disposal facilities;
- Submittal of an amended Stormwater Pollution Prevention Plan (SWPPP) associated with future installation, inspection and maintenance of erosion and sediment control measures;
- Evaluation and request for MassDEP approval of alternative offsite stockpile areas within the Shawmut Avenue Transfer Station (Transfer Station) to facilitate future soil excavation and management activities within Exposure Point (EP) HS-8; and
- Further evaluation of design options for risk reduction measures within EP HS-8.

The NBHS Campus is a portion of the disposal site managed under the MCP and tracked by MassDEP under Release Tracking Number (RTN) 4-15685. Response actions at the Site are conducted under a MCP Special Project Designation Permit (310 CMR 40.0060) that has been established for RTN 4-15685 and other related RTNs. A Site location map is provided as Figure 1. Additional information about this site contained in MCP filings prepared by TRC is available in several references noted herein.

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

Appendix A contains the dust monitoring data and field forms associated with environmental oversight activities on February 28, 2012. Appendix B contains a copy of the City’s letter to the MassDEP requesting approval of alternative stockpile areas. Appendix C contains the Bill of Lading (BOL) and associated BOL Attestation of Completion forms.

2.0 RELEASE ABATEMENT MEASURE STATUS REPORT (310 CMR 40.0445)

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

2.1 The Status of Response Operations

As of the prior RAM Status Report submitted on February 3, 2012 (TRC, 2012), the following items remain to be completed in accordance with the RAM Plan:

- **Excavation** – Excavation of impacted soil within EP HS-8 in the top three feet in landscaped areas and the top 1-foot in areas excavated in preparation for paving.
- **Disposal** – Off-site transportation and disposal of laboratory characterized segregated soil, debris (i.e., cobbles, boulders and concrete) and tree stump material for reuse, recycling or disposal.

Prior RAM-related activities were described in the following reports submitted to MassDEP by the City:

- *Release Abatement Measure Status Report – Soil Excavation and Removal, New Bedford High School, New Bedford, Massachusetts.* August 2011. (TRC, 2011c)
- *Release Abatement Measure Status Report – Soil Excavation and Removal, New Bedford High School, New Bedford, Massachusetts.* February 2012. (TRC, 2012)

During this reporting period, remedial activities took place on February 28, 2012 to facilitate offsite transportation and disposal of remaining soil, debris and tree stump material staged at the Transfer Station. Spot excavation and temporary soil stockpiling activities were completed in July 2011 and are described in the RAM Status Report submitted to MassDEP on August 5, 2011 (TRC, 2011c). Excavation and temporary stockpiling in support of paving activities, in association with consideration of existing trees, and spot excavation HB-22 were completed in December 2011 and are described in the previous RAM Status Report submitted to MassDEP on February 3, 2012 (TRC, 2012).

Transportation and offsite disposal of impact soil material was largely completed by January 5, 2012; however a limited amount of soil material from Stockpile D3, segregated debris (e.g., cobbles, boulders and concrete), tree stumps, and waste polyethylene sheeting remained at the Transfer Station stockpile area pending transportation off site. The City worked with Clean Harbors Environmental Services, Incorporated (CHES) to facilitate removal of the remaining material on February 28, 2012 as described in Section 2.3 below.

TRC provided professional environmental field oversight and conducted environmental monitoring including dust monitoring and volatile organic compound (VOC) field screening with a photoionization detector (PID) during stockpile management activities. Dust monitoring field logs and data can be found in Appendix A.

Risk Reduction Measures in Exposure Point HS-8

A future Solar Park is proposed for the area between the two northern student parking lots (EP HS-8). Based on the risk characterization, this area was proposed for RAM activities to prevent direct contact exposure to impacted soil by risk reduction measures. Risk reduction measures proposed for EP HS-8 are included in the RAM Plan Modification (TRC, 2011b). However, the Solar Park configuration is subject to change. Depending on the final footprint of the solar park, additional excavation and disposal of soil from perimeter buffer zone areas may be performed.

An area in the northeast corner of EP HS-8, north of the existing parking lot will likely remain undisturbed as data in this area indicates a condition of No Significant Risk currently exists in the top three feet of soil (i.e., no concentrations exceed Method 1 S-1 soil standards).

The City and operation and maintenance lessee are currently evaluating design options and constraints associated with the construction of the Solar Park. Per the conditional approval, the City will notify MassDEP if construction consistent with the currently approved RAM Plan Modification is scheduled. Additional modifications to the proposed remedial activities in EP HS-8 will be the subject of future regulatory notification(s) and/or submittal(s).

Stormwater Management

During the RAM-related remedial activities, various areas on the property were disturbed to remove impacted soil and to complete Site grading. Given that the cumulative area of disturbed soil was greater than one acre, a SWPPP was prepared, submitted to the United States Environmental Protection Agency (EPA) and the New Bedford Conservation Commission and included in the RAM Plan Modification (TRC, 2011b).

Effective February 16, 2012, the EPA issued a five-year renewal of its General Permit for construction site stormwater. On behalf of the City, TRC prepared an amended SWPPP to comply with the provisions of the new National Pollutant Discharge Elimination System (NPDES) Construction General Permit (CGP) for storm water discharges from construction sites. Superseding the 2008 permit, projects proceeding under the previous permit were required to file a Notice of Intent (NOI) with the EPA by May 16, 2012 to comply with Clean Water Act (33 U.S.C. §1251 et. seq.) requirements under the new CGP. Pursuant to the new CGP (Section 7.1.1), the SWPPP needed to be reviewed and updated (as needed) with necessary and appropriate modifications to meet the specifications of the 2012 CGP. Although the scope of the RAM Plan remains fundamentally unchanged the amended SWPPP was developed, prior to submittal of the NOI, in accordance with the minimum requirements as set forth in Parts 7.2 and 7.4 of the CGP, respectively.

The amended SWPPP describes the preparation and implementation of measurements to be taken to minimize the release of pollutants in storm water runoff from the construction site to waters of the State. Following implementation of the majority of the remedial activities, construction activities are currently in an extended period of temporary cessation while Solar Park design options and constraints are further evaluated. The SWPPP will be included with a future regulatory submittal in association with implementation of additional remedial activities. RAM-related activities within EP HS-8 will adhere to the erosion and sedimentation controls included

in the RAM Plan, the amended SWPPP and the Massachusetts Stormwater Management Guidelines to the maximum extent practicable.

Alternative Stockpile Areas

As described in the RAM Plan Modification, soil excavated from the NBHS Campus during remedial activities in 2011 was stockpiled at the Transfer Station until characterized for reuse, recycling, and/or disposal. As of February 29, 2012, all stockpiled material has been transported from the Transfer Station for off-site disposal or reuse as landfill cover material.

TRC was subsequently notified by the City that, given the period of temporary cessation of RAM-related activities, the City's Department of Public Infrastructure (DPI) had reclaimed the area used during the RAM as an off-site stockpile area for their own day-to-day use and material storage. As such, the City formally requested MassDEP approval of two alternative stockpile locations within the Transfer Station property for use during implementation of remedial activities associated with EP HS-8 in a letter dated May 1, 2012. A copy of the letter is included as Appendix B.

The selection of alternative temporary stockpile areas is not meant to preclude use of the presently approved area, should adequate capacity become available, or limit on-site stockpile management and soil reuse during the remediation of EP HS-8. However, at this stage of the project, alternative temporary stockpiling capacity is needed to proactively facilitate the remaining work.

On June 7, 2012, MassDEP informed the City that use of the alternative stockpile areas would be considered a minor modification to the RAM activities and therefore MassDEP's approval was not required for use of the proposed alternative stockpile areas (as needed) during future RAM-related activities.

2.2 Significant New Site Information or Data

No new site information or data were collected during the reporting period covered by this RAM Status Report.

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

The City contracted CHES to facilitate as-needed treatment, off-site transportation and appropriate reuse, recycling and/or disposal of the soil, debris and tree stump material at suitable facilities. The majority of the material was transported offsite by January 5, 2012 as described in the prior RAM Status Report (TRC, 2012).

On February 28, 2012, the remaining material (i.e., a limited amount of soil material from Stockpile D3, segregated debris [e.g., cobbles, boulders and concrete], tree stumps, and waste polyethylene sheeting) staged at the Transfer Station stockpile area was transported offsite. Approximately 53 tons of soil material from Stockpile D3 was transported to the Waste Management landfill facility in Taunton, Massachusetts. Approximately 36 tons of boulders, cobbles and concrete and approximately 32 tons of tree stumps and waste polyethylene sheeting

were transported to the Turnkey Recycling and Environmental Enterprises facility in Rochester, New Hampshire. Copies of the BOLs and associated BOL Attestation of Completion forms associated with the above referenced material are included as Appendix C.

Please refer to the previous RAM Status Reports (TRC, 2011c and TRC, 2012) for descriptions of previous stockpile management and offsite transportation activities, as well as previous shipping documentation.

No additional remediation waste, remedial wastewater or remedial additives have been managed under this RAM Plan and RAM Plan Modification.

2.4 Other Necessary Information

Dust monitoring was performed during the above referenced activities on February 28, 2012 in accordance with the procedures outlined in Section 6 of the RAM Plan and RAM Plan Modification. Dust monitoring was conducted using TSI DustTrak™ Model 8530 Aerosol Monitors. Dust monitoring units were deployed upwind, within the workzone/nearest receptor and downwind of the stockpile management activities.

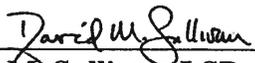
Data was downloaded from the dust monitoring units and field log sheets were kept; both are included in Appendix A. A summary of the dust monitoring results associated with the RAM activities on February 28, 2012 is included in Table 1.

Air monitoring was also performed using a PID to monitor for the presence of VOCs within the work area breathing zone as a precaution. No emissions above background associated with stockpile management activities were noted during this reporting period.

2.5 LSP Opinion

The objective of this RAM Status report is to apprise MassDEP of the City's activities at the New Bedford High School.

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



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



Date

Stamp



3.0 REFERENCES

- TRC, 2011a *Release Abatement Measure Plan, Soil Excavation and Removal at New Bedford High School, Parker Street Waste Site, New Bedford, Massachusetts.* Prepared for the City of New Bedford. Prepared by TRC, Lowell, Massachusetts. April 2011
- TRC, 2011b *Release Abatement Measure Plan Modification, Soil Excavation and Removal at New Bedford High School, Parker Street Waste Site, New Bedford, Massachusetts.* Prepared for the City of New Bedford. Prepared by TRC, Lowell, Massachusetts. July 2011
- TRC, 2011c *Release Abatement Measure Status Report, Soil Excavation and Removal at New Bedford High School, Parker Street Waste Site, New Bedford, Massachusetts.* Prepared for the City of New Bedford. Prepared by TRC, Lowell, Massachusetts. August 2011.
- TRC, 2011d *Immediate Response Action Completion Report and Imminent Hazard Evaluation, Triangle Island TI-3 Area, New Bedford High School, 230 Hathaway Boulevard, New Bedford, Massachusetts.* Prepared for the City of New Bedford. Prepared by TRC, Lowell, Massachusetts. November 2011.
- TRC, 2012 *Release Abatement Measure Status Report, Soil Excavation and Removal at New Bedford High School, Parker Street Waste Site, New Bedford, Massachusetts.* Prepared for the City of New Bedford. Prepared by TRC, Lowell, Massachusetts. February 2012.

TABLE

Table 1
Summary of DustTrak™ Data
New Bedford, Massachusetts
February 28, 2012

Date	DustTrak™ Serial Number	Test ID	Site	DustTrak™ Location Notes	Average (mg/m ³)	Minimum (mg/m ³)	Maximum ⁽¹⁾ (mg/m ³)	Comments ⁽²⁾
February 28, 2012	8530112903	Test 1	Transfer Station	Upwind - Positioned at bottom of access road to stockpile area.	0.012	0.017	0.147	
	8530101003	Test 1	Transfer Station	Workzone - Positioned in the east-southeast portion of stockpile area.	0.024	0.041	0.301	Work zone reading was not sustained for more than 1 minute at any point during test.
	8530095311	Test 1	Transfer Station	Downwind - Positioned on hill near southeast corner of stockpile area.	0.015	0.024	0.442	Downwind reading was not sustained for more than 1 minute at any point during test.

NOTES:

TSI DustTrak™ units equipped with size-selective inlet for particles of 10 micrometers in diameter or less (PM10).

mg/m³ = milligrams per cubic meter.

(1) No exceedances occurred during RAM-related activities.

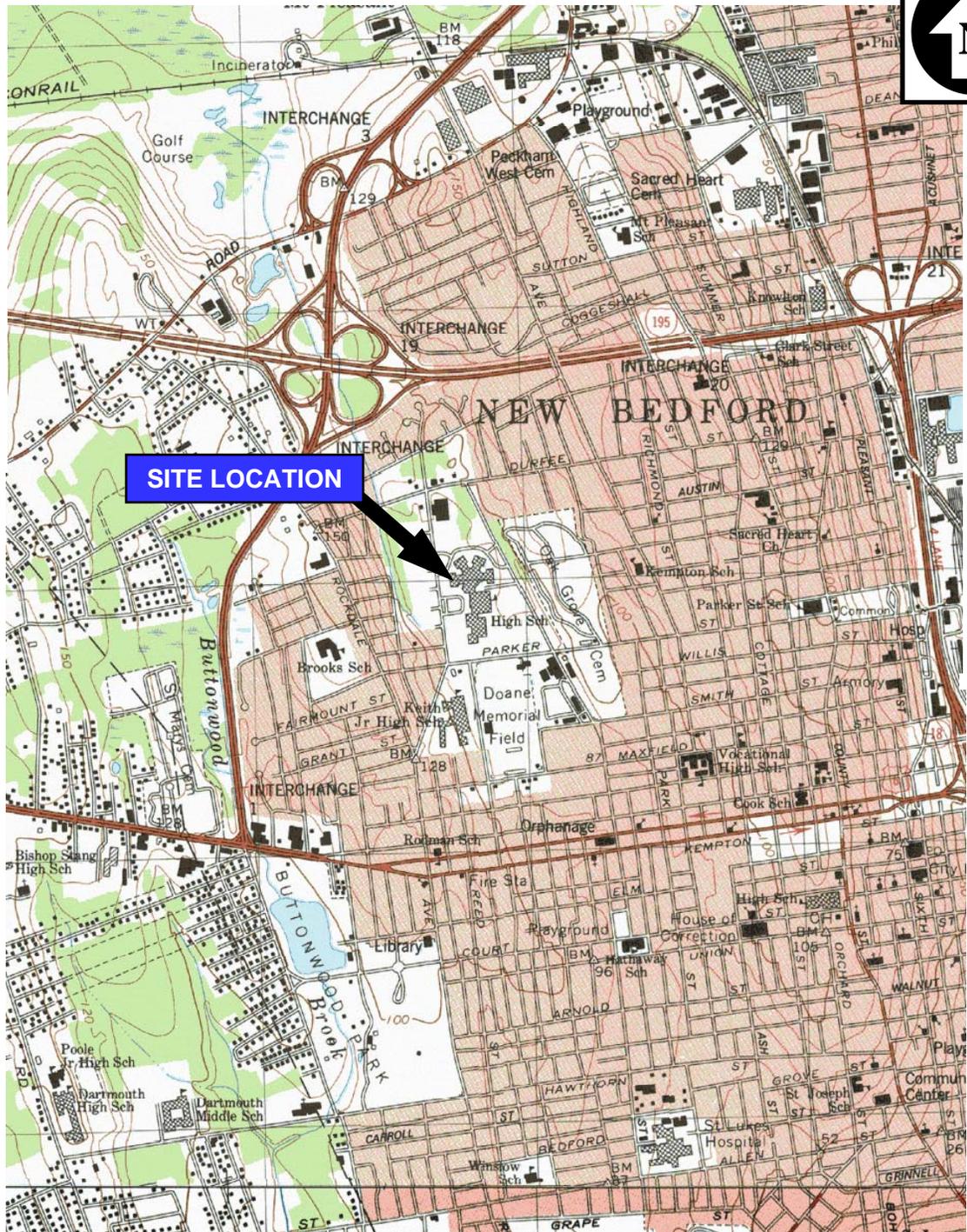
Bold values represent the maximum one minute interval at downwind (or nearest receptor) dust monitoring locations in excess of 150 µg/m³.

Site action level consists of sustained ambient dust levels that exceed the EPA National Ambient Air Quality Standard (NAAQS) of 150 µg/m³ at downwind sampling location.

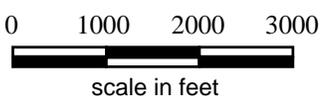
A sustained reading would consist of readings lasting 15 minutes or longer.

(2) Please refer to Appendix A of RAM Status Report for full daily dust monitoring results.

FIGURE



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



NEW BEDFORD HIGH SCHOOL NEW BEDFORD, MASSACHUSETTS	
SITE LOCATION MAP	
	Wannalancit Mills 650 Suffolk Street Lowell, MA 01854 978-970-5600
Drawn: HWB	SCALE: AS SHOWN
Checked: DS	Date: OCT 2008
FIGURE 1	

APPENDIX A

Dust Monitoring Data and Field Forms

Dust Monitoring Data
City of New Bedford - NBHS RAM Excavation
New Bedford, Massachusetts
February 28, 2012

TrakPro Version 4.51 ASCII Data File

Model: DustTrak II
Model Number: 8530
Serial Number: 8530112903
Test ID: 1
Test Abbreviation: LOG MODE 1_001
Start Date: 2/28/2012
Start Time: 7:45:59
Duration (dd:hh:mm:ss): 0:07:47:00
Log Interval (mm:ss): 1:00
Number of points: 467
Notes: Upwind - Transfer Station

Statistics

Channel: AEROSOL
Units: mg/m³
Average: 0.017
Minimum: 0.012
Time of Minimum: 11:51:59
Date of Minimum: 2/28/2012
Maximum: 0.147
Time of Maximum: 7:46:59
Date of Maximum: 2/28/2012

Calibration

Sensor: AEROSOL
Cal. date 7/12/2011

Date	Time	AEROSOL
MM/dd/yyyy	hh:mm:ss	mg/m ³
2/28/2012	7:46:59	0.147
2/28/2012	7:47:59	0.025
2/28/2012	7:48:59	0.025
2/28/2012	7:49:59	0.025
2/28/2012	7:50:59	0.025
2/28/2012	7:51:59	0.025
2/28/2012	7:52:59	0.025
2/28/2012	7:53:59	0.025
2/28/2012	7:54:59	0.025
2/28/2012	7:55:59	0.025
2/28/2012	7:56:59	0.025
2/28/2012	7:57:59	0.025
2/28/2012	7:58:59	0.025

Dust Monitoring Data
City of New Bedford - NBHS RAM Excavation
New Bedford, Massachusetts
February 28, 2012

2/28/2012	7:59:59	0.025
2/28/2012	8:00:59	0.025
2/28/2012	8:01:59	0.024
2/28/2012	8:02:59	0.024
2/28/2012	8:03:59	0.024
2/28/2012	8:04:59	0.024
2/28/2012	8:05:59	0.024
2/28/2012	8:06:59	0.024
2/28/2012	8:07:59	0.024
2/28/2012	8:08:59	0.025
2/28/2012	8:09:59	0.024
2/28/2012	8:10:59	0.025
2/28/2012	8:11:59	0.024
2/28/2012	8:12:59	0.024
2/28/2012	8:13:59	0.024
2/28/2012	8:14:59	0.024
2/28/2012	8:15:59	0.026
2/28/2012	8:16:59	0.024
2/28/2012	8:17:59	0.024
2/28/2012	8:18:59	0.026
2/28/2012	8:19:59	0.024
2/28/2012	8:20:59	0.024
2/28/2012	8:21:59	0.031
2/28/2012	8:22:59	0.024
2/28/2012	8:23:59	0.024
2/28/2012	8:24:59	0.024
2/28/2012	8:25:59	0.024
2/28/2012	8:26:59	0.024
2/28/2012	8:27:59	0.024
2/28/2012	8:28:59	0.024
2/28/2012	8:29:59	0.025
2/28/2012	8:30:59	0.023
2/28/2012	8:31:59	0.024
2/28/2012	8:32:59	0.025
2/28/2012	8:33:59	0.071
2/28/2012	8:34:59	0.024
2/28/2012	8:35:59	0.023
2/28/2012	8:36:59	0.023
2/28/2012	8:37:59	0.023
2/28/2012	8:38:59	0.023
2/28/2012	8:39:59	0.023
2/28/2012	8:40:59	0.023
2/28/2012	8:41:59	0.023

Dust Monitoring Data
City of New Bedford - NBHS RAM Excavation
New Bedford, Massachusetts
February 28, 2012

2/28/2012	8:42:59	0.023
2/28/2012	8:43:59	0.023
2/28/2012	8:44:59	0.024
2/28/2012	8:45:59	0.024
2/28/2012	8:46:59	0.023
2/28/2012	8:47:59	0.023
2/28/2012	8:48:59	0.023
2/28/2012	8:49:59	0.023
2/28/2012	8:50:59	0.023
2/28/2012	8:51:59	0.024
2/28/2012	8:52:59	0.023
2/28/2012	8:53:59	0.023
2/28/2012	8:54:59	0.023
2/28/2012	8:55:59	0.023
2/28/2012	8:56:59	0.023
2/28/2012	8:57:59	0.023
2/28/2012	8:58:59	0.023
2/28/2012	8:59:59	0.023
2/28/2012	9:00:59	0.023
2/28/2012	9:01:59	0.023
2/28/2012	9:02:59	0.022
2/28/2012	9:03:59	0.024
2/28/2012	9:04:59	0.023
2/28/2012	9:05:59	0.022
2/28/2012	9:06:59	0.023
2/28/2012	9:07:59	0.024
2/28/2012	9:08:59	0.022
2/28/2012	9:09:59	0.021
2/28/2012	9:10:59	0.021
2/28/2012	9:11:59	0.021
2/28/2012	9:12:59	0.021
2/28/2012	9:13:59	0.021
2/28/2012	9:14:59	0.021
2/28/2012	9:15:59	0.022
2/28/2012	9:16:59	0.022
2/28/2012	9:17:59	0.021
2/28/2012	9:18:59	0.021
2/28/2012	9:19:59	0.021
2/28/2012	9:20:59	0.021
2/28/2012	9:21:59	0.021
2/28/2012	9:22:59	0.021
2/28/2012	9:23:59	0.021
2/28/2012	9:24:59	0.020

Dust Monitoring Data
City of New Bedford - NBHS RAM Excavation
New Bedford, Massachusetts
February 28, 2012

2/28/2012	9:25:59	0.021
2/28/2012	9:26:59	0.021
2/28/2012	9:27:59	0.021
2/28/2012	9:28:59	0.021
2/28/2012	9:29:59	0.022
2/28/2012	9:30:59	0.021
2/28/2012	9:31:59	0.021
2/28/2012	9:32:59	0.020
2/28/2012	9:33:59	0.020
2/28/2012	9:34:59	0.021
2/28/2012	9:35:59	0.020
2/28/2012	9:36:59	0.020
2/28/2012	9:37:59	0.020
2/28/2012	9:38:59	0.020
2/28/2012	9:39:59	0.020
2/28/2012	9:40:59	0.019
2/28/2012	9:41:59	0.019
2/28/2012	9:42:59	0.019
2/28/2012	9:43:59	0.019
2/28/2012	9:44:59	0.019
2/28/2012	9:45:59	0.018
2/28/2012	9:46:59	0.018
2/28/2012	9:47:59	0.018
2/28/2012	9:48:59	0.022
2/28/2012	9:49:59	0.023
2/28/2012	9:50:59	0.018
2/28/2012	9:51:59	0.018
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2/28/2012	9:53:59	0.018
2/28/2012	9:54:59	0.018
2/28/2012	9:55:59	0.018
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2/28/2012	9:57:59	0.017
2/28/2012	9:58:59	0.017
2/28/2012	9:59:59	0.017
2/28/2012	10:00:59	0.017
2/28/2012	10:01:59	0.018
2/28/2012	10:02:59	0.017
2/28/2012	10:03:59	0.018
2/28/2012	10:04:59	0.016
2/28/2012	10:05:59	0.016
2/28/2012	10:06:59	0.016
2/28/2012	10:07:59	0.016

Dust Monitoring Data
City of New Bedford - NBHS RAM Excavation
New Bedford, Massachusetts
February 28, 2012

2/28/2012	10:08:59	0.016
2/28/2012	10:09:59	0.016
2/28/2012	10:10:59	0.016
2/28/2012	10:11:59	0.016
2/28/2012	10:12:59	0.016
2/28/2012	10:13:59	0.015
2/28/2012	10:14:59	0.015
2/28/2012	10:15:59	0.015
2/28/2012	10:16:59	0.015
2/28/2012	10:17:59	0.015
2/28/2012	10:18:59	0.015
2/28/2012	10:19:59	0.016
2/28/2012	10:20:59	0.016
2/28/2012	10:21:59	0.015
2/28/2012	10:22:59	0.015
2/28/2012	10:23:59	0.015
2/28/2012	10:24:59	0.014
2/28/2012	10:25:59	0.014
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2/28/2012	10:30:59	0.014
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2/28/2012	10:34:59	0.013
2/28/2012	10:35:59	0.013
2/28/2012	10:36:59	0.013
2/28/2012	10:37:59	0.013
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2/28/2012	10:41:59	0.014
2/28/2012	10:42:59	0.015
2/28/2012	10:43:59	0.014
2/28/2012	10:44:59	0.014
2/28/2012	10:45:59	0.013
2/28/2012	10:46:59	0.015
2/28/2012	10:47:59	0.016
2/28/2012	10:48:59	0.018
2/28/2012	10:49:59	0.013
2/28/2012	10:50:59	0.013

Dust Monitoring Data
City of New Bedford - NBHS RAM Excavation
New Bedford, Massachusetts
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2/28/2012	10:51:59	0.013
2/28/2012	10:52:59	0.013
2/28/2012	10:53:59	0.013
2/28/2012	10:54:59	0.013
2/28/2012	10:55:59	0.013
2/28/2012	10:56:59	0.013
2/28/2012	10:57:59	0.013
2/28/2012	10:58:59	0.013
2/28/2012	10:59:59	0.013
2/28/2012	11:00:59	0.013
2/28/2012	11:01:59	0.013
2/28/2012	11:02:59	0.013
2/28/2012	11:03:59	0.013
2/28/2012	11:04:59	0.018
2/28/2012	11:05:59	0.013
2/28/2012	11:06:59	0.013
2/28/2012	11:07:59	0.013
2/28/2012	11:08:59	0.013
2/28/2012	11:09:59	0.013
2/28/2012	11:10:59	0.013
2/28/2012	11:11:59	0.013
2/28/2012	11:12:59	0.013
2/28/2012	11:13:59	0.013
2/28/2012	11:14:59	0.013
2/28/2012	11:15:59	0.013
2/28/2012	11:16:59	0.013
2/28/2012	11:17:59	0.013
2/28/2012	11:18:59	0.013
2/28/2012	11:19:59	0.013
2/28/2012	11:20:59	0.013
2/28/2012	11:21:59	0.013
2/28/2012	11:22:59	0.013
2/28/2012	11:23:59	0.013
2/28/2012	11:24:59	0.013
2/28/2012	11:25:59	0.013
2/28/2012	11:26:59	0.013
2/28/2012	11:27:59	0.013
2/28/2012	11:28:59	0.013
2/28/2012	11:29:59	0.013
2/28/2012	11:30:59	0.013
2/28/2012	11:31:59	0.014
2/28/2012	11:32:59	0.013
2/28/2012	11:33:59	0.013

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2/28/2012	11:34:59	0.013
2/28/2012	11:35:59	0.013
2/28/2012	11:36:59	0.013
2/28/2012	11:37:59	0.013
2/28/2012	11:38:59	0.013
2/28/2012	11:39:59	0.014
2/28/2012	11:40:59	0.013
2/28/2012	11:41:59	0.013
2/28/2012	11:42:59	0.013
2/28/2012	11:43:59	0.014
2/28/2012	11:44:59	0.013
2/28/2012	11:45:59	0.014
2/28/2012	11:46:59	0.014
2/28/2012	11:47:59	0.014
2/28/2012	11:48:59	0.013
2/28/2012	11:49:59	0.014
2/28/2012	11:50:59	0.013
2/28/2012	11:51:59	0.012
2/28/2012	11:52:59	0.013
2/28/2012	11:53:59	0.013
2/28/2012	11:54:59	0.014
2/28/2012	11:55:59	0.015
2/28/2012	11:56:59	0.016
2/28/2012	11:57:59	0.015
2/28/2012	11:58:59	0.014
2/28/2012	11:59:59	0.014
2/28/2012	12:00:59	0.013
2/28/2012	12:01:59	0.013
2/28/2012	12:02:59	0.013
2/28/2012	12:03:59	0.013
2/28/2012	12:04:59	0.013
2/28/2012	12:05:59	0.013
2/28/2012	12:06:59	0.013
2/28/2012	12:07:59	0.014
2/28/2012	12:08:59	0.014
2/28/2012	12:09:59	0.014
2/28/2012	12:10:59	0.014
2/28/2012	12:11:59	0.013
2/28/2012	12:12:59	0.013
2/28/2012	12:13:59	0.014
2/28/2012	12:14:59	0.014
2/28/2012	12:15:59	0.013
2/28/2012	12:16:59	0.013

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2/28/2012	12:17:59	0.013
2/28/2012	12:18:59	0.013
2/28/2012	12:19:59	0.013
2/28/2012	12:20:59	0.014
2/28/2012	12:21:59	0.015
2/28/2012	12:22:59	0.014
2/28/2012	12:23:59	0.014
2/28/2012	12:24:59	0.014
2/28/2012	12:25:59	0.017
2/28/2012	12:26:59	0.015
2/28/2012	12:27:59	0.013
2/28/2012	12:28:59	0.013
2/28/2012	12:29:59	0.014
2/28/2012	12:30:59	0.014
2/28/2012	12:31:59	0.014
2/28/2012	12:32:59	0.014
2/28/2012	12:33:59	0.014
2/28/2012	12:34:59	0.013
2/28/2012	12:35:59	0.013
2/28/2012	12:36:59	0.013
2/28/2012	12:37:59	0.013
2/28/2012	12:38:59	0.013
2/28/2012	12:39:59	0.014
2/28/2012	12:40:59	0.014
2/28/2012	12:41:59	0.015
2/28/2012	12:42:59	0.014
2/28/2012	12:43:59	0.014
2/28/2012	12:44:59	0.014
2/28/2012	12:45:59	0.014
2/28/2012	12:46:59	0.014
2/28/2012	12:47:59	0.015
2/28/2012	12:48:59	0.014
2/28/2012	12:49:59	0.015
2/28/2012	12:50:59	0.014
2/28/2012	12:51:59	0.014
2/28/2012	12:52:59	0.015
2/28/2012	12:53:59	0.014
2/28/2012	12:54:59	0.015
2/28/2012	12:55:59	0.014
2/28/2012	12:56:59	0.015
2/28/2012	12:57:59	0.014
2/28/2012	12:58:59	0.014
2/28/2012	12:59:59	0.014

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2/28/2012	13:00:59	0.014
2/28/2012	13:01:59	0.014
2/28/2012	13:02:59	0.014
2/28/2012	13:03:59	0.014
2/28/2012	13:04:59	0.014
2/28/2012	13:05:59	0.014
2/28/2012	13:06:59	0.014
2/28/2012	13:07:59	0.014
2/28/2012	13:08:59	0.014
2/28/2012	13:09:59	0.014
2/28/2012	13:10:59	0.014
2/28/2012	13:11:59	0.014
2/28/2012	13:12:59	0.014
2/28/2012	13:13:59	0.015
2/28/2012	13:14:59	0.018
2/28/2012	13:15:59	0.018
2/28/2012	13:16:59	0.015
2/28/2012	13:17:59	0.014
2/28/2012	13:18:59	0.014
2/28/2012	13:19:59	0.014
2/28/2012	13:20:59	0.014
2/28/2012	13:21:59	0.014
2/28/2012	13:22:59	0.014
2/28/2012	13:23:59	0.014
2/28/2012	13:24:59	0.013
2/28/2012	13:25:59	0.014
2/28/2012	13:26:59	0.015
2/28/2012	13:27:59	0.016
2/28/2012	13:28:59	0.015
2/28/2012	13:29:59	0.014
2/28/2012	13:30:59	0.014
2/28/2012	13:31:59	0.014
2/28/2012	13:32:59	0.014
2/28/2012	13:33:59	0.014
2/28/2012	13:34:59	0.014
2/28/2012	13:35:59	0.014
2/28/2012	13:36:59	0.014
2/28/2012	13:37:59	0.014
2/28/2012	13:38:59	0.014
2/28/2012	13:39:59	0.014
2/28/2012	13:40:59	0.014
2/28/2012	13:41:59	0.016
2/28/2012	13:42:59	0.014

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2/28/2012	13:43:59	0.014
2/28/2012	13:44:59	0.014
2/28/2012	13:45:59	0.013
2/28/2012	13:46:59	0.014
2/28/2012	13:47:59	0.014
2/28/2012	13:48:59	0.014
2/28/2012	13:49:59	0.014
2/28/2012	13:50:59	0.014
2/28/2012	13:51:59	0.016
2/28/2012	13:52:59	0.014
2/28/2012	13:53:59	0.013
2/28/2012	13:54:59	0.014
2/28/2012	13:55:59	0.014
2/28/2012	13:56:59	0.014
2/28/2012	13:57:59	0.014
2/28/2012	13:58:59	0.013
2/28/2012	13:59:59	0.014
2/28/2012	14:00:59	0.014
2/28/2012	14:01:59	0.014
2/28/2012	14:02:59	0.014
2/28/2012	14:03:59	0.014
2/28/2012	14:04:59	0.014
2/28/2012	14:05:59	0.015
2/28/2012	14:06:59	0.015
2/28/2012	14:07:59	0.016
2/28/2012	14:08:59	0.014
2/28/2012	14:09:59	0.014
2/28/2012	14:10:59	0.014
2/28/2012	14:11:59	0.014
2/28/2012	14:12:59	0.014
2/28/2012	14:13:59	0.015
2/28/2012	14:14:59	0.017
2/28/2012	14:15:59	0.014
2/28/2012	14:16:59	0.018
2/28/2012	14:17:59	0.017
2/28/2012	14:18:59	0.015
2/28/2012	14:19:59	0.015
2/28/2012	14:20:59	0.015
2/28/2012	14:21:59	0.014
2/28/2012	14:22:59	0.014
2/28/2012	14:23:59	0.014
2/28/2012	14:24:59	0.015
2/28/2012	14:25:59	0.015

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2/28/2012	14:26:59	0.015
2/28/2012	14:27:59	0.015
2/28/2012	14:28:59	0.014
2/28/2012	14:29:59	0.014
2/28/2012	14:30:59	0.014
2/28/2012	14:31:59	0.014
2/28/2012	14:32:59	0.014
2/28/2012	14:33:59	0.013
2/28/2012	14:34:59	0.014
2/28/2012	14:35:59	0.014
2/28/2012	14:36:59	0.014
2/28/2012	14:37:59	0.014
2/28/2012	14:38:59	0.014
2/28/2012	14:39:59	0.014
2/28/2012	14:40:59	0.014
2/28/2012	14:41:59	0.014
2/28/2012	14:42:59	0.013
2/28/2012	14:43:59	0.014
2/28/2012	14:44:59	0.014
2/28/2012	14:45:59	0.015
2/28/2012	14:46:59	0.014
2/28/2012	14:47:59	0.014
2/28/2012	14:48:59	0.013
2/28/2012	14:49:59	0.014
2/28/2012	14:50:59	0.013
2/28/2012	14:51:59	0.014
2/28/2012	14:52:59	0.014
2/28/2012	14:53:59	0.013
2/28/2012	14:54:59	0.013
2/28/2012	14:55:59	0.014
2/28/2012	14:56:59	0.014
2/28/2012	14:57:59	0.013
2/28/2012	14:58:59	0.014
2/28/2012	14:59:59	0.014
2/28/2012	15:00:59	0.014
2/28/2012	15:01:59	0.015
2/28/2012	15:02:59	0.013
2/28/2012	15:03:59	0.014
2/28/2012	15:04:59	0.015
2/28/2012	15:05:59	0.017
2/28/2012	15:06:59	0.015
2/28/2012	15:07:59	0.016
2/28/2012	15:08:59	0.014

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2/28/2012	15:09:59	0.016
2/28/2012	15:10:59	0.016
2/28/2012	15:11:59	0.014
2/28/2012	15:12:59	0.013
2/28/2012	15:13:59	0.013
2/28/2012	15:14:59	0.014
2/28/2012	15:15:59	0.016
2/28/2012	15:16:59	0.014
2/28/2012	15:17:59	0.013
2/28/2012	15:18:59	0.013
2/28/2012	15:19:59	0.013
2/28/2012	15:20:59	0.015
2/28/2012	15:21:59	0.016
2/28/2012	15:22:59	0.018
2/28/2012	15:23:59	0.014
2/28/2012	15:24:59	0.014
2/28/2012	15:25:59	0.013
2/28/2012	15:26:59	0.013
2/28/2012	15:27:59	0.013
2/28/2012	15:28:59	0.014
2/28/2012	15:29:59	0.015
2/28/2012	15:30:59	0.014
2/28/2012	15:31:59	0.015
2/28/2012	15:32:59	0.014

Dust Monitoring Data
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New Bedford, Massachusetts
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TrakPro Version 4.51 ASCII Data File

Model: DustTrak II
Model Number: 8530
Serial Number: 8530101003
Test ID: 1
Test Abbreviation: LOG MODE 1_001
Start Date: 2/28/2012
Start Time: 7:40:47
Duration (dd:hh:mm:ss): 0:07:56:00
Log Interval (mm:ss): 1:00
Number of points: 476
Notes: Work Zone - Transfer Station

Statistics

Channel: AEROSOL
Units: mg/m³
Average: 0.041
Minimum: 0.024
Time of Minimum: 10:43:47
Date of Minimum: 2/28/2012
Maximum: 0.301
Time of Maximum: 7:41:47
Date of Maximum: 2/28/2012

Calibration

Sensor: AEROSOL
Cal. date 11/8/2011

Date	Time	AEROSOL
MM/dd/yyyy	hh:mm:ss	mg/m ³
2/28/2012	7:41:47	0.301
2/28/2012	7:42:47	0.064
2/28/2012	7:43:47	0.054
2/28/2012	7:44:47	0.051
2/28/2012	7:45:47	0.048
2/28/2012	7:46:47	0.050
2/28/2012	7:47:47	0.049
2/28/2012	7:48:47	0.057
2/28/2012	7:49:47	0.059
2/28/2012	7:50:47	0.052
2/28/2012	7:51:47	0.058
2/28/2012	7:52:47	0.048
2/28/2012	7:53:47	0.042

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2/28/2012	7:54:47	0.051
2/28/2012	7:55:47	0.058
2/28/2012	7:56:47	0.046
2/28/2012	7:57:47	0.069
2/28/2012	7:58:47	0.049
2/28/2012	7:59:47	0.077
2/28/2012	8:00:47	0.055
2/28/2012	8:01:47	0.037
2/28/2012	8:02:47	0.036
2/28/2012	8:03:47	0.036
2/28/2012	8:04:47	0.035
2/28/2012	8:05:47	0.035
2/28/2012	8:06:47	0.042
2/28/2012	8:07:47	0.044
2/28/2012	8:08:47	0.042
2/28/2012	8:09:47	0.040
2/28/2012	8:10:47	0.043
2/28/2012	8:11:47	0.039
2/28/2012	8:12:47	0.037
2/28/2012	8:13:47	0.036
2/28/2012	8:14:47	0.041
2/28/2012	8:15:47	0.040
2/28/2012	8:16:47	0.043
2/28/2012	8:17:47	0.043
2/28/2012	8:18:47	0.041
2/28/2012	8:19:47	0.044
2/28/2012	8:20:47	0.037
2/28/2012	8:21:47	0.038
2/28/2012	8:22:47	0.045
2/28/2012	8:23:47	0.040
2/28/2012	8:24:47	0.039
2/28/2012	8:25:47	0.047
2/28/2012	8:26:47	0.039
2/28/2012	8:27:47	0.036
2/28/2012	8:28:47	0.038
2/28/2012	8:29:47	0.052
2/28/2012	8:30:47	0.055
2/28/2012	8:31:47	0.044
2/28/2012	8:32:47	0.146
2/28/2012	8:33:47	0.040
2/28/2012	8:34:47	0.042
2/28/2012	8:35:47	0.056
2/28/2012	8:36:47	0.044

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2/28/2012	8:37:47	0.047
2/28/2012	8:38:47	0.040
2/28/2012	8:39:47	0.039
2/28/2012	8:40:47	0.045
2/28/2012	8:41:47	0.050
2/28/2012	8:42:47	0.047
2/28/2012	8:43:47	0.045
2/28/2012	8:44:47	0.046
2/28/2012	8:45:47	0.058
2/28/2012	8:46:47	0.058
2/28/2012	8:47:47	0.060
2/28/2012	8:48:47	0.072
2/28/2012	8:49:47	0.043
2/28/2012	8:50:47	0.052
2/28/2012	8:51:47	0.039
2/28/2012	8:52:47	0.101
2/28/2012	8:53:47	0.068
2/28/2012	8:54:47	0.055
2/28/2012	8:55:47	0.116
2/28/2012	8:56:47	0.051
2/28/2012	8:57:47	0.054
2/28/2012	8:58:47	0.075
2/28/2012	8:59:47	0.068
2/28/2012	9:00:47	0.039
2/28/2012	9:01:47	0.034
2/28/2012	9:02:47	0.035
2/28/2012	9:03:47	0.036
2/28/2012	9:04:47	0.035
2/28/2012	9:05:47	0.033
2/28/2012	9:06:47	0.037
2/28/2012	9:07:47	0.036
2/28/2012	9:08:47	0.033
2/28/2012	9:09:47	0.033
2/28/2012	9:10:47	0.034
2/28/2012	9:11:47	0.033
2/28/2012	9:12:47	0.033
2/28/2012	9:13:47	0.034
2/28/2012	9:14:47	0.034
2/28/2012	9:15:47	0.033
2/28/2012	9:16:47	0.033
2/28/2012	9:17:47	0.033
2/28/2012	9:18:47	0.047
2/28/2012	9:19:47	0.033

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2/28/2012	9:20:47	0.036
2/28/2012	9:21:47	0.032
2/28/2012	9:22:47	0.032
2/28/2012	9:23:47	0.032
2/28/2012	9:24:47	0.031
2/28/2012	9:25:47	0.033
2/28/2012	9:26:47	0.034
2/28/2012	9:27:47	0.039
2/28/2012	9:28:47	0.032
2/28/2012	9:29:47	0.032
2/28/2012	9:30:47	0.032
2/28/2012	9:31:47	0.032
2/28/2012	9:32:47	0.031
2/28/2012	9:33:47	0.034
2/28/2012	9:34:47	0.043
2/28/2012	9:35:47	0.136
2/28/2012	9:36:47	0.048
2/28/2012	9:37:47	0.047
2/28/2012	9:38:47	0.035
2/28/2012	9:39:47	0.031
2/28/2012	9:40:47	0.032
2/28/2012	9:41:47	0.030
2/28/2012	9:42:47	0.030
2/28/2012	9:43:47	0.030
2/28/2012	9:44:47	0.030
2/28/2012	9:45:47	0.031
2/28/2012	9:46:47	0.029
2/28/2012	9:47:47	0.031
2/28/2012	9:48:47	0.031
2/28/2012	9:49:47	0.046
2/28/2012	9:50:47	0.033
2/28/2012	9:51:47	0.029
2/28/2012	9:52:47	0.029
2/28/2012	9:53:47	0.029
2/28/2012	9:54:47	0.029
2/28/2012	9:55:47	0.031
2/28/2012	9:56:47	0.032
2/28/2012	9:57:47	0.030
2/28/2012	9:58:47	0.031
2/28/2012	9:59:47	0.028
2/28/2012	10:00:47	0.028
2/28/2012	10:01:47	0.035
2/28/2012	10:02:47	0.046

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2/28/2012	10:03:47	0.030
2/28/2012	10:04:47	0.027
2/28/2012	10:05:47	0.027
2/28/2012	10:06:47	0.027
2/28/2012	10:07:47	0.027
2/28/2012	10:08:47	0.027
2/28/2012	10:09:47	0.027
2/28/2012	10:10:47	0.027
2/28/2012	10:11:47	0.027
2/28/2012	10:12:47	0.116
2/28/2012	10:13:47	0.051
2/28/2012	10:14:47	0.028
2/28/2012	10:15:47	0.029
2/28/2012	10:16:47	0.027
2/28/2012	10:17:47	0.026
2/28/2012	10:18:47	0.026
2/28/2012	10:19:47	0.026
2/28/2012	10:20:47	0.027
2/28/2012	10:21:47	0.027
2/28/2012	10:22:47	0.026
2/28/2012	10:23:47	0.028
2/28/2012	10:24:47	0.026
2/28/2012	10:25:47	0.025
2/28/2012	10:26:47	0.025
2/28/2012	10:27:47	0.026
2/28/2012	10:28:47	0.062
2/28/2012	10:29:47	0.028
2/28/2012	10:30:47	0.026
2/28/2012	10:31:47	0.026
2/28/2012	10:32:47	0.055
2/28/2012	10:33:47	0.140
2/28/2012	10:34:47	0.047
2/28/2012	10:35:47	0.025
2/28/2012	10:36:47	0.026
2/28/2012	10:37:47	0.037
2/28/2012	10:38:47	0.025
2/28/2012	10:39:47	0.025
2/28/2012	10:40:47	0.025
2/28/2012	10:41:47	0.025
2/28/2012	10:42:47	0.025
2/28/2012	10:43:47	0.024
2/28/2012	10:44:47	0.024
2/28/2012	10:45:47	0.025

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2/28/2012	10:46:47	0.024
2/28/2012	10:47:47	0.026
2/28/2012	10:48:47	0.026
2/28/2012	10:49:47	0.027
2/28/2012	10:50:47	0.103
2/28/2012	10:51:47	0.064
2/28/2012	10:52:47	0.032
2/28/2012	10:53:47	0.024
2/28/2012	10:54:47	0.024
2/28/2012	10:55:47	0.024
2/28/2012	10:56:47	0.035
2/28/2012	10:57:47	0.046
2/28/2012	10:58:47	0.036
2/28/2012	10:59:47	0.033
2/28/2012	11:00:47	0.033
2/28/2012	11:01:47	0.030
2/28/2012	11:02:47	0.065
2/28/2012	11:03:47	0.063
2/28/2012	11:04:47	0.032
2/28/2012	11:05:47	0.047
2/28/2012	11:06:47	0.024
2/28/2012	11:07:47	0.024
2/28/2012	11:08:47	0.024
2/28/2012	11:09:47	0.024
2/28/2012	11:10:47	0.024
2/28/2012	11:11:47	0.025
2/28/2012	11:12:47	0.024
2/28/2012	11:13:47	0.025
2/28/2012	11:14:47	0.024
2/28/2012	11:15:47	0.024
2/28/2012	11:16:47	0.024
2/28/2012	11:17:47	0.024
2/28/2012	11:18:47	0.032
2/28/2012	11:19:47	0.024
2/28/2012	11:20:47	0.024
2/28/2012	11:21:47	0.024
2/28/2012	11:22:47	0.035
2/28/2012	11:23:47	0.027
2/28/2012	11:24:47	0.024
2/28/2012	11:25:47	0.027
2/28/2012	11:26:47	0.025
2/28/2012	11:27:47	0.024
2/28/2012	11:28:47	0.024

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2/28/2012	11:29:47	0.024
2/28/2012	11:30:47	0.025
2/28/2012	11:31:47	0.024
2/28/2012	11:32:47	0.024
2/28/2012	11:33:47	0.025
2/28/2012	11:34:47	0.024
2/28/2012	11:35:47	0.024
2/28/2012	11:36:47	0.025
2/28/2012	11:37:47	0.025
2/28/2012	11:38:47	0.024
2/28/2012	11:39:47	0.024
2/28/2012	11:40:47	0.071
2/28/2012	11:41:47	0.033
2/28/2012	11:42:47	0.057
2/28/2012	11:43:47	0.026
2/28/2012	11:44:47	0.092
2/28/2012	11:45:47	0.043
2/28/2012	11:46:47	0.034
2/28/2012	11:47:47	0.027
2/28/2012	11:48:47	0.024
2/28/2012	11:49:47	0.024
2/28/2012	11:50:47	0.024
2/28/2012	11:51:47	0.024
2/28/2012	11:52:47	0.062
2/28/2012	11:53:47	0.200
2/28/2012	11:54:47	0.048
2/28/2012	11:55:47	0.046
2/28/2012	11:56:47	0.036
2/28/2012	11:57:47	0.044
2/28/2012	11:58:47	0.034
2/28/2012	11:59:47	0.041
2/28/2012	12:00:47	0.093
2/28/2012	12:01:47	0.233
2/28/2012	12:02:47	0.061
2/28/2012	12:03:47	0.065
2/28/2012	12:04:47	0.081
2/28/2012	12:05:47	0.057
2/28/2012	12:06:47	0.042
2/28/2012	12:07:47	0.030
2/28/2012	12:08:47	0.042
2/28/2012	12:09:47	0.045
2/28/2012	12:10:47	0.040
2/28/2012	12:11:47	0.042

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2/28/2012	12:12:47	0.039
2/28/2012	12:13:47	0.043
2/28/2012	12:14:47	0.031
2/28/2012	12:15:47	0.036
2/28/2012	12:16:47	0.099
2/28/2012	12:17:47	0.032
2/28/2012	12:18:47	0.026
2/28/2012	12:19:47	0.091
2/28/2012	12:20:47	0.139
2/28/2012	12:21:47	0.056
2/28/2012	12:22:47	0.046
2/28/2012	12:23:47	0.025
2/28/2012	12:24:47	0.026
2/28/2012	12:25:47	0.042
2/28/2012	12:26:47	0.051
2/28/2012	12:27:47	0.028
2/28/2012	12:28:47	0.025
2/28/2012	12:29:47	0.073
2/28/2012	12:30:47	0.026
2/28/2012	12:31:47	0.027
2/28/2012	12:32:47	0.033
2/28/2012	12:33:47	0.038
2/28/2012	12:34:47	0.026
2/28/2012	12:35:47	0.029
2/28/2012	12:36:47	0.040
2/28/2012	12:37:47	0.026
2/28/2012	12:38:47	0.026
2/28/2012	12:39:47	0.024
2/28/2012	12:40:47	0.024
2/28/2012	12:41:47	0.025
2/28/2012	12:42:47	0.032
2/28/2012	12:43:47	0.026
2/28/2012	12:44:47	0.024
2/28/2012	12:45:47	0.025
2/28/2012	12:46:47	0.024
2/28/2012	12:47:47	0.025
2/28/2012	12:48:47	0.025
2/28/2012	12:49:47	0.029
2/28/2012	12:50:47	0.025
2/28/2012	12:51:47	0.025
2/28/2012	12:52:47	0.025
2/28/2012	12:53:47	0.024
2/28/2012	12:54:47	0.025

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2/28/2012	12:55:47	0.025
2/28/2012	12:56:47	0.027
2/28/2012	12:57:47	0.026
2/28/2012	12:58:47	0.025
2/28/2012	12:59:47	0.025
2/28/2012	13:00:47	0.024
2/28/2012	13:01:47	0.093
2/28/2012	13:02:47	0.025
2/28/2012	13:03:47	0.026
2/28/2012	13:04:47	0.024
2/28/2012	13:05:47	0.024
2/28/2012	13:06:47	0.024
2/28/2012	13:07:47	0.033
2/28/2012	13:08:47	0.043
2/28/2012	13:09:47	0.025
2/28/2012	13:10:47	0.028
2/28/2012	13:11:47	0.038
2/28/2012	13:12:47	0.027
2/28/2012	13:13:47	0.025
2/28/2012	13:14:47	0.027
2/28/2012	13:15:47	0.027
2/28/2012	13:16:47	0.026
2/28/2012	13:17:47	0.025
2/28/2012	13:18:47	0.024
2/28/2012	13:19:47	0.026
2/28/2012	13:20:47	0.027
2/28/2012	13:21:47	0.035
2/28/2012	13:22:47	0.030
2/28/2012	13:23:47	0.025
2/28/2012	13:24:47	0.025
2/28/2012	13:25:47	0.025
2/28/2012	13:26:47	0.025
2/28/2012	13:27:47	0.025
2/28/2012	13:28:47	0.025
2/28/2012	13:29:47	0.025
2/28/2012	13:30:47	0.025
2/28/2012	13:31:47	0.025
2/28/2012	13:32:47	0.029
2/28/2012	13:33:47	0.025
2/28/2012	13:34:47	0.025
2/28/2012	13:35:47	0.025
2/28/2012	13:36:47	0.025
2/28/2012	13:37:47	0.027

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2/28/2012	13:38:47	0.025
2/28/2012	13:39:47	0.026
2/28/2012	13:40:47	0.026
2/28/2012	13:41:47	0.276
2/28/2012	13:42:47	0.026
2/28/2012	13:43:47	0.025
2/28/2012	13:44:47	0.025
2/28/2012	13:45:47	0.026
2/28/2012	13:46:47	0.026
2/28/2012	13:47:47	0.024
2/28/2012	13:48:47	0.025
2/28/2012	13:49:47	0.024
2/28/2012	13:50:47	0.025
2/28/2012	13:51:47	0.025
2/28/2012	13:52:47	0.031
2/28/2012	13:53:47	0.091
2/28/2012	13:54:47	0.039
2/28/2012	13:55:47	0.049
2/28/2012	13:56:47	0.069
2/28/2012	13:57:47	0.118
2/28/2012	13:58:47	0.087
2/28/2012	13:59:47	0.047
2/28/2012	14:00:47	0.030
2/28/2012	14:01:47	0.068
2/28/2012	14:02:47	0.200
2/28/2012	14:03:47	0.038
2/28/2012	14:04:47	0.071
2/28/2012	14:05:47	0.039
2/28/2012	14:06:47	0.050
2/28/2012	14:07:47	0.030
2/28/2012	14:08:47	0.040
2/28/2012	14:09:47	0.046
2/28/2012	14:10:47	0.048
2/28/2012	14:11:47	0.035
2/28/2012	14:12:47	0.039
2/28/2012	14:13:47	0.158
2/28/2012	14:14:47	0.058
2/28/2012	14:15:47	0.035
2/28/2012	14:16:47	0.050
2/28/2012	14:17:47	0.049
2/28/2012	14:18:47	0.043
2/28/2012	14:19:47	0.032
2/28/2012	14:20:47	0.031

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2/28/2012	14:21:47	0.035
2/28/2012	14:22:47	0.031
2/28/2012	14:23:47	0.031
2/28/2012	14:24:47	0.026
2/28/2012	14:25:47	0.030
2/28/2012	14:26:47	0.029
2/28/2012	14:27:47	0.038
2/28/2012	14:28:47	0.032
2/28/2012	14:29:47	0.026
2/28/2012	14:30:47	0.037
2/28/2012	14:31:47	0.041
2/28/2012	14:32:47	0.046
2/28/2012	14:33:47	0.037
2/28/2012	14:34:47	0.046
2/28/2012	14:35:47	0.028
2/28/2012	14:36:47	0.031
2/28/2012	14:37:47	0.042
2/28/2012	14:38:47	0.044
2/28/2012	14:39:47	0.037
2/28/2012	14:40:47	0.028
2/28/2012	14:41:47	0.034
2/28/2012	14:42:47	0.037
2/28/2012	14:43:47	0.047
2/28/2012	14:44:47	0.033
2/28/2012	14:45:47	0.032
2/28/2012	14:46:47	0.027
2/28/2012	14:47:47	0.067
2/28/2012	14:48:47	0.041
2/28/2012	14:49:47	0.031
2/28/2012	14:50:47	0.032
2/28/2012	14:51:47	0.030
2/28/2012	14:52:47	0.024
2/28/2012	14:53:47	0.029
2/28/2012	14:54:47	0.024
2/28/2012	14:55:47	0.031
2/28/2012	14:56:47	0.041
2/28/2012	14:57:47	0.030
2/28/2012	14:58:47	0.034
2/28/2012	14:59:47	0.028
2/28/2012	15:00:47	0.232
2/28/2012	15:01:47	0.056
2/28/2012	15:02:47	0.035
2/28/2012	15:03:47	0.028

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2/28/2012	15:04:47	0.040
2/28/2012	15:05:47	0.028
2/28/2012	15:06:47	0.048
2/28/2012	15:07:47	0.040
2/28/2012	15:08:47	0.045
2/28/2012	15:09:47	0.036
2/28/2012	15:10:47	0.038
2/28/2012	15:11:47	0.046
2/28/2012	15:12:47	0.034
2/28/2012	15:13:47	0.027
2/28/2012	15:14:47	0.028
2/28/2012	15:15:47	0.037
2/28/2012	15:16:47	0.039
2/28/2012	15:17:47	0.042
2/28/2012	15:18:47	0.035
2/28/2012	15:19:47	0.037
2/28/2012	15:20:47	0.030
2/28/2012	15:21:47	0.043
2/28/2012	15:22:47	0.034
2/28/2012	15:23:47	0.045
2/28/2012	15:24:47	0.028
2/28/2012	15:25:47	0.026
2/28/2012	15:26:47	0.034
2/28/2012	15:27:47	0.030
2/28/2012	15:28:47	0.031
2/28/2012	15:29:47	0.040
2/28/2012	15:30:47	0.039
2/28/2012	15:31:47	0.050
2/28/2012	15:32:47	0.040
2/28/2012	15:33:47	0.031
2/28/2012	15:34:47	0.037
2/28/2012	15:35:47	0.063
2/28/2012	15:36:47	0.085

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 New Bedford, Massachusetts
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TrakPro Version 4.51 ASCII Data File

Model: DustTrak II
 Model Number: 8530
 Serial Number: 8530095311
 Test ID: 1
 Test Abbreviation: LOG MODE 1_001
 Start Date: 2/28/2012
 Start Time: 7:37:24
 Duration (dd:hh:mm:ss): 0:08:01:00
 Log Interval (mm:ss): 1:00
 Number of points: 481
 Notes: Downwind - Transfer Station

Statistics

Channel: AEROSOL
 Units: mg/m³
 Average: 0.024
 Minimum: 0.015
 Time of Minimum: 11:14:24
 Date of Minimum: 2/28/2012
 Maximum: 0.442
 Time of Maximum: 7:38:24
 Date of Maximum: 2/28/2012

Calibration

Sensor: AEROSOL
 Cal. date: 4/7/2011

Date	Time	AEROSOL
MM/dd/yyyy	hh:mm:ss	mg/m ³
2/28/2012	7:38:24	0.442
2/28/2012	7:39:24	0.065
2/28/2012	7:40:24	0.032
2/28/2012	7:41:24	0.030
2/28/2012	7:42:24	0.031
2/28/2012	7:43:24	0.027
2/28/2012	7:44:24	0.029
2/28/2012	7:45:24	0.028
2/28/2012	7:46:24	0.029
2/28/2012	7:47:24	0.035
2/28/2012	7:48:24	0.026
2/28/2012	7:49:24	0.026
2/28/2012	7:50:24	0.089

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2/28/2012	7:51:24	0.027
2/28/2012	7:52:24	0.028
2/28/2012	7:53:24	0.026
2/28/2012	7:54:24	0.029
2/28/2012	7:55:24	0.026
2/28/2012	7:56:24	0.028
2/28/2012	7:57:24	0.034
2/28/2012	7:58:24	0.026
2/28/2012	7:59:24	0.031
2/28/2012	8:00:24	0.027
2/28/2012	8:01:24	0.028
2/28/2012	8:02:24	0.027
2/28/2012	8:03:24	0.030
2/28/2012	8:04:24	0.027
2/28/2012	8:05:24	0.026
2/28/2012	8:06:24	0.026
2/28/2012	8:07:24	0.026
2/28/2012	8:08:24	0.026
2/28/2012	8:09:24	0.026
2/28/2012	8:10:24	0.026
2/28/2012	8:11:24	0.028
2/28/2012	8:12:24	0.028
2/28/2012	8:13:24	0.026
2/28/2012	8:14:24	0.027
2/28/2012	8:15:24	0.025
2/28/2012	8:16:24	0.026
2/28/2012	8:17:24	0.030
2/28/2012	8:18:24	0.029
2/28/2012	8:19:24	0.026
2/28/2012	8:20:24	0.026
2/28/2012	8:21:24	0.026
2/28/2012	8:22:24	0.026
2/28/2012	8:23:24	0.027
2/28/2012	8:24:24	0.026
2/28/2012	8:25:24	0.028
2/28/2012	8:26:24	0.028
2/28/2012	8:27:24	0.028
2/28/2012	8:28:24	0.026
2/28/2012	8:29:24	0.027
2/28/2012	8:30:24	0.035
2/28/2012	8:31:24	0.317
2/28/2012	8:32:24	0.027
2/28/2012	8:33:24	0.026

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2/28/2012	8:34:24	0.026
2/28/2012	8:35:24	0.026
2/28/2012	8:36:24	0.026
2/28/2012	8:37:24	0.026
2/28/2012	8:38:24	0.026
2/28/2012	8:39:24	0.026
2/28/2012	8:40:24	0.026
2/28/2012	8:41:24	0.026
2/28/2012	8:42:24	0.026
2/28/2012	8:43:24	0.026
2/28/2012	8:44:24	0.033
2/28/2012	8:45:24	0.026
2/28/2012	8:46:24	0.026
2/28/2012	8:47:24	0.026
2/28/2012	8:48:24	0.036
2/28/2012	8:49:24	0.031
2/28/2012	8:50:24	0.026
2/28/2012	8:51:24	0.027
2/28/2012	8:52:24	0.034
2/28/2012	8:53:24	0.034
2/28/2012	8:54:24	0.028
2/28/2012	8:55:24	0.044
2/28/2012	8:56:24	0.027
2/28/2012	8:57:24	0.026
2/28/2012	8:58:24	0.036
2/28/2012	8:59:24	0.029
2/28/2012	9:00:24	0.025
2/28/2012	9:01:24	0.026
2/28/2012	9:02:24	0.025
2/28/2012	9:03:24	0.025
2/28/2012	9:04:24	0.025
2/28/2012	9:05:24	0.024
2/28/2012	9:06:24	0.024
2/28/2012	9:07:24	0.025
2/28/2012	9:08:24	0.024
2/28/2012	9:09:24	0.024
2/28/2012	9:10:24	0.024
2/28/2012	9:11:24	0.025
2/28/2012	9:12:24	0.024
2/28/2012	9:13:24	0.024
2/28/2012	9:14:24	0.024
2/28/2012	9:15:24	0.024
2/28/2012	9:16:24	0.025

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2/28/2012	9:17:24	0.025
2/28/2012	9:18:24	0.024
2/28/2012	9:19:24	0.024
2/28/2012	9:20:24	0.027
2/28/2012	9:21:24	0.024
2/28/2012	9:22:24	0.023
2/28/2012	9:23:24	0.023
2/28/2012	9:24:24	0.023
2/28/2012	9:25:24	0.023
2/28/2012	9:26:24	0.024
2/28/2012	9:27:24	0.024
2/28/2012	9:28:24	0.028
2/28/2012	9:29:24	0.024
2/28/2012	9:30:24	0.024
2/28/2012	9:31:24	0.024
2/28/2012	9:32:24	0.025
2/28/2012	9:33:24	0.023
2/28/2012	9:34:24	0.023
2/28/2012	9:35:24	0.027
2/28/2012	9:36:24	0.024
2/28/2012	9:37:24	0.030
2/28/2012	9:38:24	0.025
2/28/2012	9:39:24	0.022
2/28/2012	9:40:24	0.022
2/28/2012	9:41:24	0.022
2/28/2012	9:42:24	0.023
2/28/2012	9:43:24	0.021
2/28/2012	9:44:24	0.021
2/28/2012	9:45:24	0.021
2/28/2012	9:46:24	0.021
2/28/2012	9:47:24	0.020
2/28/2012	9:48:24	0.020
2/28/2012	9:49:24	0.020
2/28/2012	9:50:24	0.021
2/28/2012	9:51:24	0.020
2/28/2012	9:52:24	0.020
2/28/2012	9:53:24	0.020
2/28/2012	9:54:24	0.020
2/28/2012	9:55:24	0.020
2/28/2012	9:56:24	0.020
2/28/2012	9:57:24	0.019
2/28/2012	9:58:24	0.019
2/28/2012	9:59:24	0.019

Dust Monitoring Data
City of New Bedford - NBHS RAM Excavation
New Bedford, Massachusetts
February 28, 2012

2/28/2012	10:00:24	0.019
2/28/2012	10:01:24	0.019
2/28/2012	10:02:24	0.018
2/28/2012	10:03:24	0.018
2/28/2012	10:04:24	0.018
2/28/2012	10:05:24	0.018
2/28/2012	10:06:24	0.019
2/28/2012	10:07:24	0.018
2/28/2012	10:08:24	0.018
2/28/2012	10:09:24	0.018
2/28/2012	10:10:24	0.019
2/28/2012	10:11:24	0.025
2/28/2012	10:12:24	0.027
2/28/2012	10:13:24	0.021
2/28/2012	10:14:24	0.018
2/28/2012	10:15:24	0.019
2/28/2012	10:16:24	0.018
2/28/2012	10:17:24	0.017
2/28/2012	10:18:24	0.017
2/28/2012	10:19:24	0.017
2/28/2012	10:20:24	0.018
2/28/2012	10:21:24	0.018
2/28/2012	10:22:24	0.017
2/28/2012	10:23:24	0.018
2/28/2012	10:24:24	0.017
2/28/2012	10:25:24	0.017
2/28/2012	10:26:24	0.017
2/28/2012	10:27:24	0.017
2/28/2012	10:28:24	0.019
2/28/2012	10:29:24	0.017
2/28/2012	10:30:24	0.017
2/28/2012	10:31:24	0.017
2/28/2012	10:32:24	0.023
2/28/2012	10:33:24	0.020
2/28/2012	10:34:24	0.021
2/28/2012	10:35:24	0.016
2/28/2012	10:36:24	0.016
2/28/2012	10:37:24	0.016
2/28/2012	10:38:24	0.016
2/28/2012	10:39:24	0.023
2/28/2012	10:40:24	0.017
2/28/2012	10:41:24	0.017
2/28/2012	10:42:24	0.016

Dust Monitoring Data
City of New Bedford - NBHS RAM Excavation
New Bedford, Massachusetts
February 28, 2012

2/28/2012	10:43:24	0.016
2/28/2012	10:44:24	0.016
2/28/2012	10:45:24	0.016
2/28/2012	10:46:24	0.017
2/28/2012	10:47:24	0.016
2/28/2012	10:48:24	0.017
2/28/2012	10:49:24	0.017
2/28/2012	10:50:24	0.017
2/28/2012	10:51:24	0.040
2/28/2012	10:52:24	0.045
2/28/2012	10:53:24	0.016
2/28/2012	10:54:24	0.016
2/28/2012	10:55:24	0.016
2/28/2012	10:56:24	0.032
2/28/2012	10:57:24	0.018
2/28/2012	10:58:24	0.017
2/28/2012	10:59:24	0.016
2/28/2012	11:00:24	0.016
2/28/2012	11:01:24	0.023
2/28/2012	11:02:24	0.017
2/28/2012	11:03:24	0.022
2/28/2012	11:04:24	0.016
2/28/2012	11:05:24	0.019
2/28/2012	11:06:24	0.016
2/28/2012	11:07:24	0.016
2/28/2012	11:08:24	0.016
2/28/2012	11:09:24	0.016
2/28/2012	11:10:24	0.016
2/28/2012	11:11:24	0.017
2/28/2012	11:12:24	0.016
2/28/2012	11:13:24	0.016
2/28/2012	11:14:24	0.015
2/28/2012	11:15:24	0.015
2/28/2012	11:16:24	0.016
2/28/2012	11:17:24	0.016
2/28/2012	11:18:24	0.017
2/28/2012	11:19:24	0.018
2/28/2012	11:20:24	0.015
2/28/2012	11:21:24	0.016
2/28/2012	11:22:24	0.016
2/28/2012	11:23:24	0.016
2/28/2012	11:24:24	0.016
2/28/2012	11:25:24	0.016

Dust Monitoring Data
City of New Bedford - NBHS RAM Excavation
New Bedford, Massachusetts
February 28, 2012

2/28/2012	11:26:24	0.016
2/28/2012	11:27:24	0.016
2/28/2012	11:28:24	0.016
2/28/2012	11:29:24	0.016
2/28/2012	11:30:24	0.016
2/28/2012	11:31:24	0.016
2/28/2012	11:32:24	0.016
2/28/2012	11:33:24	0.017
2/28/2012	11:34:24	0.016
2/28/2012	11:35:24	0.016
2/28/2012	11:36:24	0.016
2/28/2012	11:37:24	0.016
2/28/2012	11:38:24	0.016
2/28/2012	11:39:24	0.016
2/28/2012	11:40:24	0.019
2/28/2012	11:41:24	0.018
2/28/2012	11:42:24	0.018
2/28/2012	11:43:24	0.017
2/28/2012	11:44:24	0.019
2/28/2012	11:45:24	0.017
2/28/2012	11:46:24	0.017
2/28/2012	11:47:24	0.017
2/28/2012	11:48:24	0.017
2/28/2012	11:49:24	0.017
2/28/2012	11:50:24	0.017
2/28/2012	11:51:24	0.018
2/28/2012	11:52:24	0.016
2/28/2012	11:53:24	0.031
2/28/2012	11:54:24	0.025
2/28/2012	11:55:24	0.018
2/28/2012	11:56:24	0.018
2/28/2012	11:57:24	0.018
2/28/2012	11:58:24	0.017
2/28/2012	11:59:24	0.018
2/28/2012	12:00:24	0.019
2/28/2012	12:01:24	0.021
2/28/2012	12:02:24	0.025
2/28/2012	12:03:24	0.358
2/28/2012	12:04:24	0.022
2/28/2012	12:05:24	0.018
2/28/2012	12:06:24	0.018
2/28/2012	12:07:24	0.021
2/28/2012	12:08:24	0.020

Dust Monitoring Data
City of New Bedford - NBHS RAM Excavation
New Bedford, Massachusetts
February 28, 2012

2/28/2012	12:09:24	0.017
2/28/2012	12:10:24	0.017
2/28/2012	12:11:24	0.017
2/28/2012	12:12:24	0.017
2/28/2012	12:13:24	0.017
2/28/2012	12:14:24	0.020
2/28/2012	12:15:24	0.016
2/28/2012	12:16:24	0.020
2/28/2012	12:17:24	0.035
2/28/2012	12:18:24	0.017
2/28/2012	12:19:24	0.016
2/28/2012	12:20:24	0.019
2/28/2012	12:21:24	0.021
2/28/2012	12:22:24	0.028
2/28/2012	12:23:24	0.030
2/28/2012	12:24:24	0.017
2/28/2012	12:25:24	0.029
2/28/2012	12:26:24	0.017
2/28/2012	12:27:24	0.017
2/28/2012	12:28:24	0.016
2/28/2012	12:29:24	0.018
2/28/2012	12:30:24	0.018
2/28/2012	12:31:24	0.019
2/28/2012	12:32:24	0.021
2/28/2012	12:33:24	0.028
2/28/2012	12:34:24	0.018
2/28/2012	12:35:24	0.024
2/28/2012	12:36:24	0.020
2/28/2012	12:37:24	0.026
2/28/2012	12:38:24	0.016
2/28/2012	12:39:24	0.016
2/28/2012	12:40:24	0.017
2/28/2012	12:41:24	0.038
2/28/2012	12:42:24	0.021
2/28/2012	12:43:24	0.024
2/28/2012	12:44:24	0.018
2/28/2012	12:45:24	0.017
2/28/2012	12:46:24	0.017
2/28/2012	12:47:24	0.018
2/28/2012	12:48:24	0.017
2/28/2012	12:49:24	0.017
2/28/2012	12:50:24	0.019
2/28/2012	12:51:24	0.017

Dust Monitoring Data
City of New Bedford - NBHS RAM Excavation
New Bedford, Massachusetts
February 28, 2012

2/28/2012	12:52:24	0.017
2/28/2012	12:53:24	0.017
2/28/2012	12:54:24	0.017
2/28/2012	12:55:24	0.017
2/28/2012	12:56:24	0.018
2/28/2012	12:57:24	0.017
2/28/2012	12:58:24	0.020
2/28/2012	12:59:24	0.019
2/28/2012	13:00:24	0.017
2/28/2012	13:01:24	0.026
2/28/2012	13:02:24	0.019
2/28/2012	13:03:24	0.026
2/28/2012	13:04:24	0.019
2/28/2012	13:05:24	0.016
2/28/2012	13:06:24	0.017
2/28/2012	13:07:24	0.016
2/28/2012	13:08:24	0.019
2/28/2012	13:09:24	0.028
2/28/2012	13:10:24	0.022
2/28/2012	13:11:24	0.016
2/28/2012	13:12:24	0.018
2/28/2012	13:13:24	0.029
2/28/2012	13:14:24	0.022
2/28/2012	13:15:24	0.020
2/28/2012	13:16:24	0.018
2/28/2012	13:17:24	0.017
2/28/2012	13:18:24	0.016
2/28/2012	13:19:24	0.017
2/28/2012	13:20:24	0.016
2/28/2012	13:21:24	0.017
2/28/2012	13:22:24	0.017
2/28/2012	13:23:24	0.016
2/28/2012	13:24:24	0.016
2/28/2012	13:25:24	0.016
2/28/2012	13:26:24	0.016
2/28/2012	13:27:24	0.016
2/28/2012	13:28:24	0.016
2/28/2012	13:29:24	0.016
2/28/2012	13:30:24	0.016
2/28/2012	13:31:24	0.016
2/28/2012	13:32:24	0.016
2/28/2012	13:33:24	0.016
2/28/2012	13:34:24	0.016

Dust Monitoring Data
City of New Bedford - NBHS RAM Excavation
New Bedford, Massachusetts
February 28, 2012

2/28/2012	13:35:24	0.016
2/28/2012	13:36:24	0.016
2/28/2012	13:37:24	0.016
2/28/2012	13:38:24	0.016
2/28/2012	13:39:24	0.016
2/28/2012	13:40:24	0.016
2/28/2012	13:41:24	0.048
2/28/2012	13:42:24	0.018
2/28/2012	13:43:24	0.022
2/28/2012	13:44:24	0.016
2/28/2012	13:45:24	0.017
2/28/2012	13:46:24	0.021
2/28/2012	13:47:24	0.017
2/28/2012	13:48:24	0.016
2/28/2012	13:49:24	0.016
2/28/2012	13:50:24	0.016
2/28/2012	13:51:24	0.016
2/28/2012	13:52:24	0.016
2/28/2012	13:53:24	0.018
2/28/2012	13:54:24	0.028
2/28/2012	13:55:24	0.034
2/28/2012	13:56:24	0.031
2/28/2012	13:57:24	0.018
2/28/2012	13:58:24	0.022
2/28/2012	13:59:24	0.017
2/28/2012	14:00:24	0.016
2/28/2012	14:01:24	0.019
2/28/2012	14:02:24	0.026
2/28/2012	14:03:24	0.033
2/28/2012	14:04:24	0.026
2/28/2012	14:05:24	0.023
2/28/2012	14:06:24	0.026
2/28/2012	14:07:24	0.017
2/28/2012	14:08:24	0.016
2/28/2012	14:09:24	0.026
2/28/2012	14:10:24	0.021
2/28/2012	14:11:24	0.016
2/28/2012	14:12:24	0.016
2/28/2012	14:13:24	0.016
2/28/2012	14:14:24	0.023
2/28/2012	14:15:24	0.024
2/28/2012	14:16:24	0.022
2/28/2012	14:17:24	0.021

Dust Monitoring Data
City of New Bedford - NBHS RAM Excavation
New Bedford, Massachusetts
February 28, 2012

2/28/2012	14:18:24	0.026
2/28/2012	14:19:24	0.081
2/28/2012	14:20:24	0.020
2/28/2012	14:21:24	0.023
2/28/2012	14:22:24	0.019
2/28/2012	14:23:24	0.022
2/28/2012	14:24:24	0.019
2/28/2012	14:25:24	0.027
2/28/2012	14:26:24	0.023
2/28/2012	14:27:24	0.020
2/28/2012	14:28:24	0.020
2/28/2012	14:29:24	0.020
2/28/2012	14:30:24	0.017
2/28/2012	14:31:24	0.018
2/28/2012	14:32:24	0.016
2/28/2012	14:33:24	0.019
2/28/2012	14:34:24	0.016
2/28/2012	14:35:24	0.018
2/28/2012	14:36:24	0.023
2/28/2012	14:37:24	0.016
2/28/2012	14:38:24	0.016
2/28/2012	14:39:24	0.016
2/28/2012	14:40:24	0.016
2/28/2012	14:41:24	0.020
2/28/2012	14:42:24	0.016
2/28/2012	14:43:24	0.016
2/28/2012	14:44:24	0.016
2/28/2012	14:45:24	0.018
2/28/2012	14:46:24	0.019
2/28/2012	14:47:24	0.025
2/28/2012	14:48:24	0.022
2/28/2012	14:49:24	0.022
2/28/2012	14:50:24	0.016
2/28/2012	14:51:24	0.016
2/28/2012	14:52:24	0.016
2/28/2012	14:53:24	0.016
2/28/2012	14:54:24	0.017
2/28/2012	14:55:24	0.016
2/28/2012	14:56:24	0.018
2/28/2012	14:57:24	0.018
2/28/2012	14:58:24	0.016
2/28/2012	14:59:24	0.016
2/28/2012	15:00:24	0.029

Dust Monitoring Data
City of New Bedford - NBHS RAM Excavation
New Bedford, Massachusetts
February 28, 2012

2/28/2012	15:01:24	0.033
2/28/2012	15:02:24	0.018
2/28/2012	15:03:24	0.016
2/28/2012	15:04:24	0.017
2/28/2012	15:05:24	0.018
2/28/2012	15:06:24	0.018
2/28/2012	15:07:24	0.022
2/28/2012	15:08:24	0.019
2/28/2012	15:09:24	0.022
2/28/2012	15:10:24	0.021
2/28/2012	15:11:24	0.036
2/28/2012	15:12:24	0.021
2/28/2012	15:13:24	0.019
2/28/2012	15:14:24	0.016
2/28/2012	15:15:24	0.021
2/28/2012	15:16:24	0.025
2/28/2012	15:17:24	0.023
2/28/2012	15:18:24	0.023
2/28/2012	15:19:24	0.020
2/28/2012	15:20:24	0.016
2/28/2012	15:21:24	0.016
2/28/2012	15:22:24	0.022
2/28/2012	15:23:24	0.018
2/28/2012	15:24:24	0.016
2/28/2012	15:25:24	0.016
2/28/2012	15:26:24	0.018
2/28/2012	15:27:24	0.017
2/28/2012	15:28:24	0.017
2/28/2012	15:29:24	0.018
2/28/2012	15:30:24	0.020
2/28/2012	15:31:24	0.017
2/28/2012	15:32:24	0.020
2/28/2012	15:33:24	0.018
2/28/2012	15:34:24	0.019
2/28/2012	15:35:24	0.017
2/28/2012	15:36:24	0.025
2/28/2012	15:37:24	0.030
2/28/2012	15:38:24	0.042

Daily Field Log - Dust Monitoring Data

Project: City of New Bedford (115058)

Date: 2/28/2011

Weather: Sunny 25° wind NW 5-10

Page: 1 of 1

Location (circle): NBHS Shawmut Street

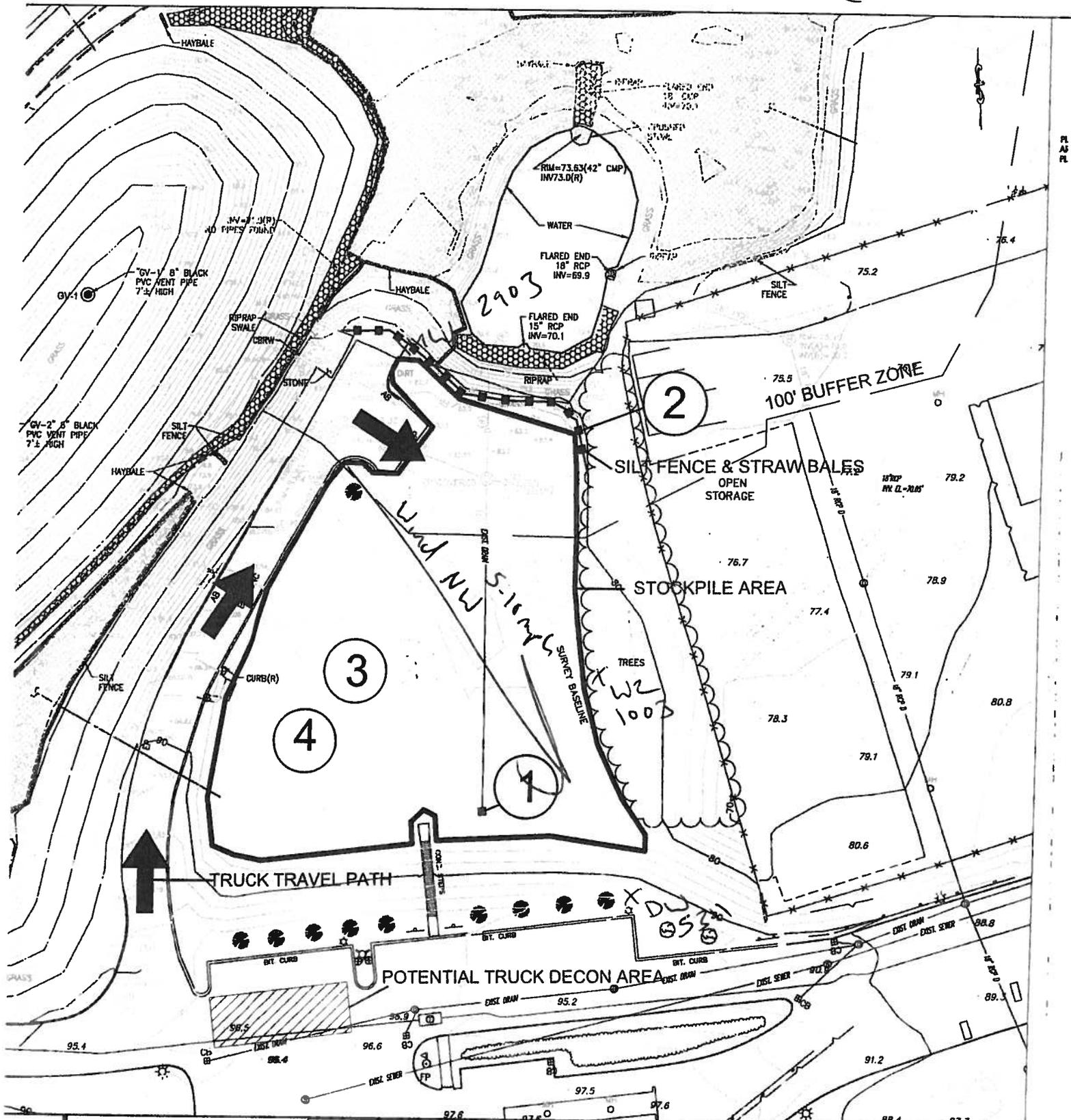
Position	Unit ID	Test #	Time	Average	Minimum	Maximum	Comments (Excavation ID, location description, change of position)
Upwind	2903	1	start: 745				START
Workzone	1003	1	start: 741				START
Nearby Receptor			start:				
Downwind	5311	1	start: 737				START
Upwind	2903	1	833	0.027	0.023	0.147	
Workzone	1003	1	831	0.051	0.035	0.301	
Nearby Receptor							
Downwind	5311	1	830	0.037	0.020	0.442	
Upwind	2903	1	1104	0.021	0.013	0.147	
Workzone	1003	1	831 1103	0.051 0.043	0.035 0.024	0.301 0.301	
Nearby Receptor							
Downwind	5311	1	1102	0.028	0.016	0.442	
Upwind	2903	1	1157	0.019	0.012	0.147	
Workzone	1003	1	1200	0.041	0.024	0.301	
Nearby Receptor							
Downwind	5311	1	1203	0.025	0.015	0.442	
Upwind	2903	1	1407	0.017	0.012	0.147	
Workzone	1003	1	1413	0.041	0.024	0.301	
Nearby Receptor							
Downwind	5311	1	1418	0.024	0.015	0.442	
Upwind	2903	1	1523	0.017	0.012	0.147	END
Workzone	1003	1	1537	0.041	0.024	0.301	END
Nearby Receptor							
Downwind	5311	1	1539	0.024	0.015	0.442	END
Upwind	2903						
Workzone	1003						
Nearby Receptor							
Downwind	5311						
Upwind	2902						
Workzone	1003						
Nearby Receptor							
Downwind	5311						
Upwind	2903						
Workzone	1003						
Nearby Receptor							
Downwind	5311						

NOTES:

* - All units in mg/m³
 initial readings on units were high despite little dust on site.

2-28-12

Clear Hubert +
TRC



Prepared for:
The City of New Bedford
Massachusetts

REV	DATE	BY	DESCRIPTION	DESIGN SUPERVISOR	PROJECT ENGINEER
1		A.H.	ISSUE FOR CONSTRUCTION	D.T.	
0		A.H.	90% DRAFT DESIGN SUBMITAL	D.T.	

DRAWING TITLE					
OFFSITE TEMPORARY SOIL STORAGE AREA					
DESIGNED BY	DRAWN BY	CHECKED BY	DATE	APPROVED BY	PROJECT ENGINEER
A.H.	A.C.H.	D.T.	FEB 2011	D.T.	A.H.

APPENDIX B

Copy of City's Alternative Stockpile Areas Letter



Wannalancit Mills
650 Suffolk Street, Suite 200
Lowell, MA 01854

978.970.5600 PHONE
978.453.1995 FAX

www.TRCSolutions.com

TRC Project No. 115058

May 1, 2012

Ms. Molly Cote
Massachusetts Department of Environmental Protection
Southeast Regional Office
20 Riverside Drive
Lakeville, Massachusetts 02347

**RE: New Bedford High School RAM
Alternative Soil Stockpile Areas
RTN 4-15685**

Dear Ms. Cote:

As you know, TRC Environmental Corporation (TRC) has been providing Massachusetts Contingency Plan (MCP) compliance assistance and environmental field oversight on behalf of the City of New Bedford (City) throughout Release Abatement Measure (RAM) implementation at the New Bedford High School (NBHS). The construction activities are being conducted per the RAM Plan Modification received by the Massachusetts Department of Environmental Protection (MassDEP) on July 22, 2011. MassDEP issued a Conditional Approval of the aforementioned RAM Plan Modification on August 1, 2011.

As described in the RAM Plan Modification, soil excavated from the NBHS Campus during remedial activities in 2011 was stockpiled at the Shawmut Avenue Transfer Station (Transfer Station) until characterized for reuse, recycling, and/or disposal. The majority of the proposed remedial activities throughout the exterior of the NBHS Campus were completed by October 2011. As of February 29, 2012, all stockpiled material has been transported from the Transfer Station for off-site disposal or reuse as landfill cover material. RAM-related activities have temporarily ceased following the 2011 construction season and completion of material transportation and disposal.

As summarized in the most recent RAM Status Report submitted to MassDEP on February 3, 2012, risk reduction measures remain to be completed in the area between the two northern student parking lots (Exposure Point "HS-8"). A future Solar Park is proposed for this portion of the property, which represents the only remaining exterior area targeted for remedial action. The City and operation and maintenance lessee are currently evaluating the design options, constraints and purchasing agreement associated with the construction of the Solar Park.

TRC was recently notified that, given the period of temporary cessation of RAM-related activities, the City's Department of Public Infrastructure (DPI) has reclaimed the area used during the RAM as an off-site stockpile area for their own day-to-day use and materiel storage (see Figure 1). As

such, the City is formally requesting approval of two alternative stockpile locations within the Transfer Station property for use during implementation of remedial activities associated with Exposure Point HS-8.

Please see attached Figure 1, which illustrates the two proposed alternative stockpile areas. One area is approximately 500 feet west of the present stock piling area, adjacent to the former incinerator building. The City previously requested use of this area for additional temporary stockpiling in a letter from TRC to the MassDEP dated September 15, 2011. The second represents the area recently used by the United States Environmental Protection Agency (EPA) for soil stockpiling. The areas are approximately 12,000 square feet (ft²) and 7,300 ft² in area, respectively. These areas would be used (as needed) to facilitate remedial activities associated with Exposure Point HS-8, currently anticipated to involve soil excavation, backfilling and grading associated with the construction of a proposed Solar Park.

These locations have the same advantages of security and proximity offered by the present stockpiling location, and are not located near any known regulated wetland resource areas. Soil temporarily stockpiled in these locations will be managed consistent with the MCP and conditionally approved RAM Plan Modification (underlain and covered with 10-mil polyethylene sheeting, etc.) to prevent water from entering the stockpile material and to limit fugitive dust. Erosion and sediment control, such as straw waddles, and pollution prevention measures will be implemented in accordance with best management practices (BMPs) and the Stormwater Pollution Prevention Plan (SWPPP).

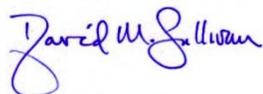
The selection of alternative temporary stockpile areas is not meant to preclude use of the presently approved area, should adequate capacity become available, or limit on-site stockpile management and soil reuse during the remediation of Exposure Point HS-8. However, at this stage of the project, alternative temporary stockpiling capacity is needed to proactively facilitate the remaining work.

The City does not propose to begin utilizing this or any other alternative stockpile area prior to approval from the MassDEP.

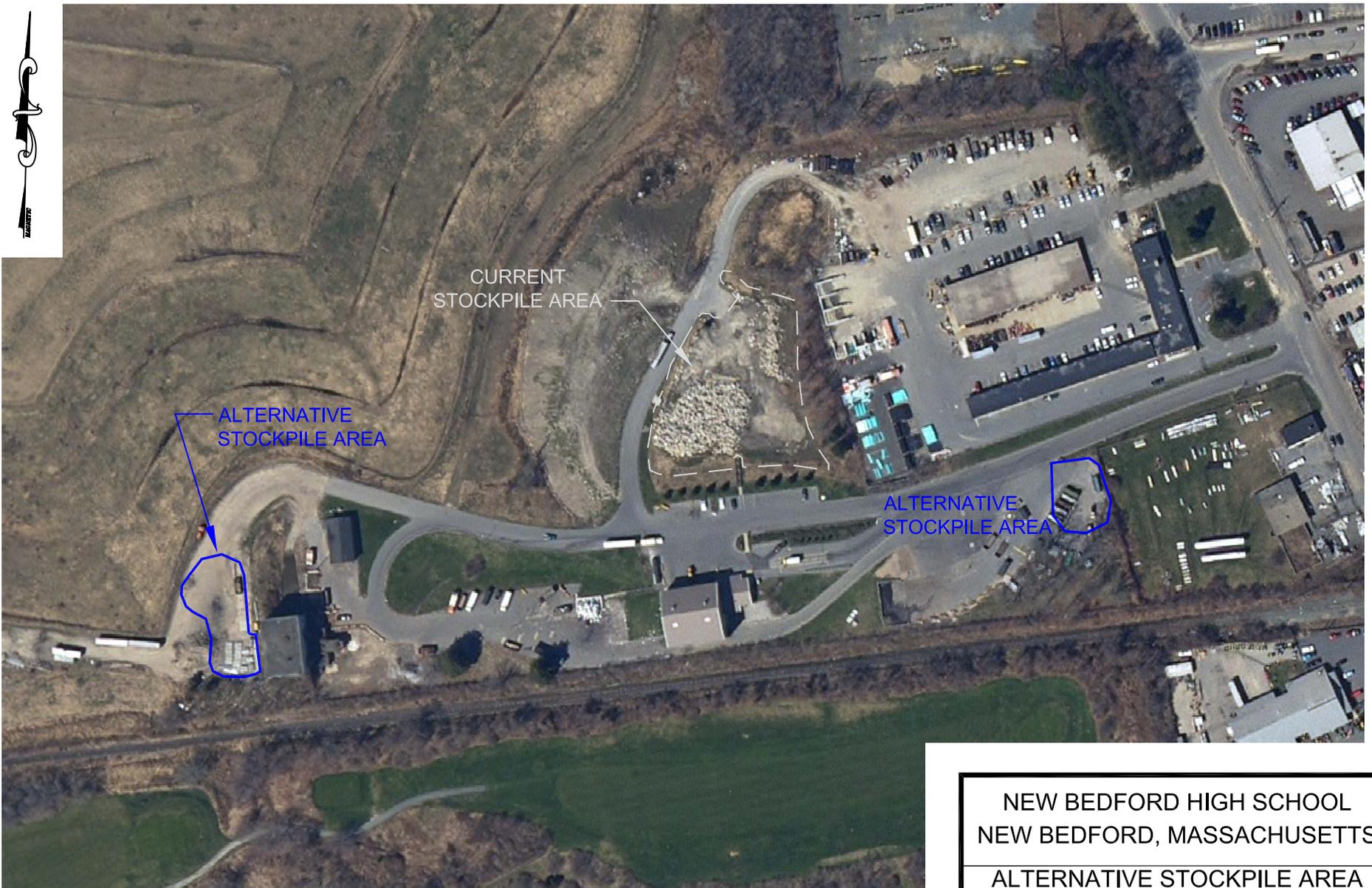
If you have any questions, please call.

Sincerely,

TRC Environmental, Incorporated



David M. Sullivan, LSP
Senior Project Manager



FILE: T:\E_CAD\115058\SHAWMUT AVENUE - ALTERNATIVE STOCKPILE.dwg

NOTE:
DRAWING BASED ON "CITY OF NEW BEDFORD, MASSACHUSETTS, SHAWMUT AVENUE LANDFILL, CORRECTIVE ACTION PCB CONTAMINATED AREA, EXISTING CONDITIONS" BY CDM, DATED APRIL 2009 AND "RAM MODIFICATION SUBMITTAL NBHS EXTERIOR REMEDY, OFF-SITE TEMPORARY SOIL STORAGE AREA" BY TRC DATED FEBRUARY 2011.



NEW BEDFORD HIGH SCHOOL
NEW BEDFORD, MASSACHUSETTS

ALTERNATIVE STOCKPILE AREA
LOCATION

	Wannalancit Mills 650 Suffolk Street Lowell, MA 01854 (978) 970-5600
	FIGURE 1

DRAWN BY: HWB	DATE:
CHECKED BY: JBS	APR 2012

APPENDIX C

Bill-of-Lading and Attestation of Completion Forms



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC112

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number

4 - **15685**

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

1. Release Name/Location Aid: **PARKER STREET WASTE SITE**
2. Street Address: **230 HATHAWAY BLVD**
3. City/Town: **NEW BEDFORD** 4. Zip Code: **027400000**
5. Check her if a Tier Classification Submittal has been provided to DEP for this disposal site:
 a. Tier 1A b. Tier 1B c. Tier 1C d. Tier II
6. If applicable provide the Permit Number: _____

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):
- | | |
|--|--|
| <input type="checkbox"/> a. Immediate Response Action (IRA) | <input type="checkbox"/> e. Comprehensive Response Actions |
| <input checked="" type="checkbox"/> b. Release Abatement Measure (RAM) | <input type="checkbox"/> f.. Limited Removal Action (LRA):
(must be retained pursuant to 310 CMR 40.0034(6); can't be submitted via eDEP) |
| <input type="checkbox"/> c. Downgradient Property Status (DPS) | <input type="checkbox"/> g. Other: _____ |
| <input type="checkbox"/> d. Utility Release Abatement Measure (URAM) | |
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: _____ b. eDEP Transaction ID: _____
 (mm/dd/yyyy)
6. Period of Generation Associated with this Bill of Lading **8/22/2011** to **9/21/2011**
 (mm/dd/yyyy) (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):
- | | | | | |
|---|---|--|--------------------------------------|--|
| <input checked="" type="checkbox"/> a. Soil | <input type="checkbox"/> b. Groundwater | <input type="checkbox"/> c. Surface Water | <input type="checkbox"/> d. Sediment | <input type="checkbox"/> e. Vegetation or Organic Debris |
| <input type="checkbox"/> f. Demolition/Construction Waste | <input type="checkbox"/> g. Inorganic Absorbent Materials | <input checked="" type="checkbox"/> h. Other: HISTORIC FILL | | |
2. Uncontainerized Waste (check all that apply):
- a. Inorganic Absorbent Materials b. Other: _____



BILL OF LADING (pursuant to 310 CMR 40.0030)

4 - 15685

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

D. TRANSPORTER OR COMMON CARRIER INFORMATION:

1. Transporter/Common Carrier Name:
2. Contact First Name: 3. Last Name:
4. Street: 5. Title:
6. City/Town: 7. State: 8. Zip Code:
9. Telephone: 10. Ext: 11. Fax:



BILL OF LADING (pursuant to 310 CMR 40.0030)

4 - 15685

E. RECEIVING FACILITY/TEMPORARY STORAGE LOCATION:

1. Operator/Facility Name: **WASTE MANAGEMENT - TAUNTON LANDFILL**

2. Contact First Name: **JOYCE** 3. Last Name: **GAUTHIER**

4. Street: **330 EAST BRITANNIA STREET** 5. Title: **TECHNICAL SERVICES REP.**

6. City/Town: **TAUNTON** 7. State: **MA** 8. Zip Code: **027800000**

9. Telephone: **603-330-2114** 10. Ext: 11. Fax: **603-330-2198**

12. Type of Facility: (Check one)

a. Temporary Storage i. Period of Temporary Storage: to
(mm/dd/yyyy) (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 #: **1488**

2. First Name: **DAVID M** 3. Last Name: **SULLIVAN**

4. Telephone: **9786563565** 5. Ext.

6. FAX:

7. Signature: **DAVID M SULLIVAN**

8. Date: **10/27/2011**
(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

4 - 15685

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:
3. Contact First Name: SCOTT 4. Last Name: ALFONSE
5. Street: 133 WILLIAM STREET 6. Title: DIRECTOR, ENVIRONMENTAL STEW
7. City/Town: NEW BEDFORD 8. State: MA 9. Zip Code: 027400000
10. Telephone: 5089791487 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:
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, Scott Alfonse, 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: Scott Alfonse 3. Title: DIRECTOR, ENVIRONMENTAL STEWA
4. For: SCOTT ALFONSE (Name of person or entity recorded in Section H) 5. Date: 10/27/2011 (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

4 - **15685**

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):

10/28/2011 11:42:49 AM



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC112

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number

4 - **15685**

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

1. Release Name/Location Aid: **PARKER STREET WASTE SITE**
2. Street Address: **230 HATHAWAY BLVD**
3. City/Town: **NEW BEDFORD** 4. Zip Code: **027400000**
5. Check her if a Tier Classification Submittal has been provided to DEP for this disposal site:
 a. Tier 1A b. Tier 1B c. Tier 1C d. Tier II
6. If applicable provide the Permit Number: _____

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) e. Comprehensive Response Actions
 b. Release Abatement Measure (RAM) f.. Limited Removal Action (LRA):
 (must be retained pursuant to 310 CMR 40.0034(6); can't be submitted via eDEP)
 c. Downgradient Property Status (DPS) g. Other _____
 d. Utility Release Abatement Measure (URAM)
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: **10/28/2011 11:42:** b. eDEP Transaction ID: **425503**
 (mm/dd/yyyy)
6. Period of Generation Associated with this Bill of Lading **8/22/2011** to **9/21/2011**
 (mm/dd/yyyy) (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: _____



BILL OF LADING (pursuant to 310 CMR 40.0030)

4 - 15685

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

D. TRANSPORTER OR COMMON CARRIER INFORMATION:

1. Transporter/Common Carrier Name: **CLEAN HARBORS ENVIRONMENTAL SERVICES, INC.**
2. Contact First Name: **PAUL** 3. Last Name: **PUKK**
:
4. Street: **42 LONGWATER DRIVE** 5. Title: **PROJECT MANAGER**
6. City/Town: **NORWELL** 7. State: **MA** 8. Zip Code: **020610000**
9. Telephone: **781-792-5816** 10. Ext: 11. Fax: **781-792-5945**



BILL OF LADING (pursuant to 310 CMR 40.0030)

4 - 15685

E. RECEIVING FACILITY/TEMPORARY STORAGE LOCATION:

1. Operator/Facility Name: **WASTE MANAGEMENT - TAUNTON LANDFILL**

2. Contact First Name: **JOYCE** 3. Last Name: **GAUTHIER**

4. Street: **330 EAST BRITANNIA STREET** 5. Title: **TECHNICAL SERVICES REP**

6. City/Town: **TAUNTON** 7. State: **MA** 8. Zip Code: **027800000**

9. Telephone: **603-330-2114** 10. Ext: 11. Fax: **603-330-2198**

12. Type of Facility: (Check one)

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

4 - 15685

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: **CITY OF NEW BEDFORD**
3. Contact First Name: **CHERYL** 4. Last Name: **HENLIN**
5. Street: **133 WILLIAM ST** 6. Title: **DIRECTOR, ENVIRONMENTAL STEW**
7. City/Town: **NEW BEDFORD** 8. State: **MA** 9. Zip Code: **027400000**
10. Telephone: **5089614576** 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

4

- 15685

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):

3/14/2012 9:31:34 AM



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC112A

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number

SUMMARY OF SHIPMENT SHEET OF

-

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: <input type="checkbox"/> yds ³ <input checked="" type="checkbox"/> tons <input type="checkbox"/> gals
10/28/2011	10/28/2011	20	618.56
11/7/2011	11/7/2011	20	644.10
11/9/2011	11/9/2011	12	378.86
11/16/2011	11/16/2011	12	385.38
11/17/2011	11/17/2011	14	441.43
11/29/2011	11/29/2011	1	33.72
12/6/2011	12/6/2011	5	157.92
2/28/2012	2/28/2012	2	52.58
5. Totals Recorded on this Summary of Shipment Sheet:		86	2712.5499999999997

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

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

4 - 15685

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

1. I, **Aaron Smith**, 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: **Aaron Smith** 3. Title: **TECHNICAL SERVICES REP**
 4. For: **WASTE MANAGEMENT - TAUNTON LANDFILL** 5. Date: **3/9/2012**
 (mm/dd/yyyy)
 6. Date of Final Shipment associated with this Bill of Lading: **2/28/2012**
 (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, **Cheryl Henlin**, 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: **Cheryl Henlin** 3. Title: **ENVIRONMENTAL STEWARDSHIP**
 4. For: **CITY OF NEW BEDFORD** 5. Date: **3/14/2012**
 (Name of person or entity recorded in Section G) (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

Release Tracking Number

BILL OF LADING (pursuant to 310 CMR 40.0030)

4 - 15685

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

- 1. Release Name/Location Aid: **PARKER STREET WASTE SITE**
- 2. Street Address: **230 HATHAWAY BLVD**
- 3. City/Town: **NEW BEDFORD** 4. Zip Code: **027400000**
- 5. Check her if a Tier Classification Submittal has been provided to DEP for this disposal site:
 - a. Tier 1A b. Tier 1B c. Tier 1C d. Tier II
- 6. If applicable provide the Permit Number: _____

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) e. Comprehensive Response Actions
 - b. Release Abatement Measure (RAM) f.. Limited Removal Action (LRA):
(must be retained pursuant to 310 CMR 40.0034(6); can't be submitted via eDEP)
 - c. Downgradient Property Status (DPS)
 - d. Utility Release Abatement Measure (URAM) 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: _____ b. eDEP Transaction ID: _____
(mm/dd/yyyy)
- 6. Period of Generation Associated with this Bill of Lading **4/16/2011** to **10/15/2011**
(mm/dd/yyyy) (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: **URBAN FILL, PILE COVE**
- 2. Uncontainerized Waste (check all that apply):
 - a. Inorganic Absorbent Materials b. Other: _____



BILL OF LADING (pursuant to 310 CMR 40.0030)

4 - 15685

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

D. TRANSPORTER OR COMMON CARRIER INFORMATION:

1. Transporter/Common Carrier Name:

2. Contact First Name: 3. Last Name:

4. Street: 5. Title:

6. City/Town: 7. State: 8. Zip Code:

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



BILL OF LADING (pursuant to 310 CMR 40.0030)

4 - 15685

E. RECEIVING FACILITY/TEMPORARY STORAGE LOCATION:

1. Operator/Facility Name: **WASTE MANAGEMENT - NEW HAMPSHIRE**

2. Contact First Name: **ELLEN** 3. Last Name: **BELLIO**

4. Street: **90 ROCHESTER NECK ROAD** 5. Title: **WASTE MANAGEMENT MANAGER**

6. City/Town: **ROCHESTER** 7. State: **NH** 8. Zip Code: **038390000**

9. Telephone: **603-330-2114** 10. Ext: 11. Fax: **603-330-2198**

12. Type of Facility: (Check one)

a. Temporary Storage i. Period of Temporary Storage: to
 (mm/dd/yyyy) (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: **DES-SW-SP-95-001**

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 #: **1488**

2. First Name: **DAVID M** 3. Last Name: **SULLIVAN**

4. Telephone: **9786563565** 5. Ext.

6. FAX:

7. Signature: **DAVID M SULLIVAN**

8. Date: **2/15/2012**
 (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

4 - 15685

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: **CITY OF NEW BEDFORD**
3. Contact First Name: **CHERYL** 4. Last Name: **HENLIN**
5. Street: **133 WILLIAM ST** 6. Title: **DIRECTOR, ENVIRONMENTAL STEW**
7. City/Town: **NEW BEDFORD** 8. State: **MA** 9. Zip Code: **027400000**
10. Telephone: **5089614576** 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, **Cheryl Henlin**, 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: **Cheryl Henlin** 3. Title: **DIRECTOR, ENVIRONMENTAL STEWA**
4. For: **CITY OF NEW BEDFORD** 5. Date: **2/15/2012**
(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

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- 15685

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):

2/15/2012 12:22:09 PM



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC112

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number

4 - 15685

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

- 1. Release Name/Location Aid: **PARKER STREET WASTE SITE**
- 2. Street Address: **230 HATHAWAY BLVD**
- 3. City/Town: **NEW BEDFORD** 4. Zip Code: **027400000**
- 5. Check here if a Tier Classification Submittal has been provided to DEP for this disposal site:
 - a. Tier 1A b. Tier 1B c. Tier 1C d. Tier II
- 6. If applicable provide the Permit Number: _____

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) e. Comprehensive Response Actions
 - b. Release Abatement Measure (RAM) f.. Limited Removal Action (LRA):
(must be retained pursuant to 310 CMR 40.0034(6); can't be submitted via eDEP)
 - c. Downgradient Property Status (DPS)
 - d. Utility Release Abatement Measure (URAM) 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: **2/15/2012 12:22:0** b. eDEP Transaction ID: **450596**
(mm/dd/yyyy)
- 6. Period of Generation Associated with this Bill of Lading **4/16/2011** to **10/15/2011**
(mm/dd/yyyy) (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: _____



BILL OF LADING (pursuant to 310 CMR 40.0030)

4 - 15685

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

D. TRANSPORTER OR COMMON CARRIER INFORMATION:

1. Transporter/Common Carrier Name: **CLEAN HARBORS ENVIRONMENTAL SERVICES, INC.**
2. Contact First Name: **PAUL** 3. Last Name: **PUKK**
:
4. Street: **42 LONGWATER DRIVE** 5. Title: **PROJECT MANAGER**
6. City/Town: **NORWELL** 7. State: **MA** 8. Zip Code: **020610000**
9. Telephone: **781-792-5816** 10. Ext: 11. Fax: **781-792-5945**



BILL OF LADING (pursuant to 310 CMR 40.0030)

4 - 15685

E. RECEIVING FACILITY/TEMPORARY STORAGE LOCATION:

1. Operator/Facility Name: **WASTE MANAGEMENT OF NH (TREE)**

2. Contact First Name: **ELLEN** 3. Last Name: **BELLIO**

4. Street: **90 ROCHESTER NECK ROAD** 5. Title: **WASTE APPROVALS MANAGER**

6. City/Town: **ROCHESTER** 7. State: **NH** 8. Zip Code: **038390000**

9. Telephone: **603-330-2144** 10. Ext: 11. Fax: **603-330-2198**

12. Type of Facility: (Check one)

a. Temporary Storage i. Period of Temporary Storage: to
(mm/dd/yyyy) (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: **DES-SW-SP-95-001**

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

4 - **15685**

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: **CITY OF NEW BEDFORD**
3. Contact First Name: **CHERYL** 4. Last Name: **HANLIN**
5. Street: **133 WILLIAM ST** 6. Title: **ENVIRONMENTAL STEWARDSHIP**
7. City/Town: **NEW BEDFORD** 8. State: **MA** 9. Zip Code: **027400000**
10. Telephone: **5089614576** 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

4 - **15685**

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):

3/14/2012 1:43:23 PM



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC112A

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number

SUMMARY OF SHIPMENT SHEET

1 OF 1

4 - 15685

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: <input type="checkbox"/> yds ³ <input checked="" type="checkbox"/> tons <input type="checkbox"/> gals
2/28/2012	2/28/2012	2	35.95
2/28/2012	2/29/2012	2	31.79
5. Totals Recorded on this Summary of Shipment Sheet:		4	67.7400000000001

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

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

4 - **15685**

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

1. I, **John E Nadeau**, 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: **John E Nadeau** 3. Title: **DISTRICT MANAGER**
 4. For: **WASTE MANAGEMENT OF NH (TREE)** 5. Date: **3/13/2012**
 (mm/dd/yyyy)
 6. Date of Final Shipment associated with this Bill of Lading: **2/29/2012**
 (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, **Cheryl Henlin**, 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: **Cheryl Henlin** 3. Title: **ENVIRONMENTAL STEWARDSHIP**
 4. For: **CITY OF NEW BEDFORD** 5. Date: **3/14/2012**
 (Name of person or entity recorded in Section G) (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