

**RELEASE ABATEMENT MEASURE
STATUS REPORT**

**51 COMMERCIAL STREET
MALDEN, MASSACHUSETTS**

RELEASE TRACKING NUMBER 3-0362
June 2008

Prepared For:

nationalgrid

National Grid
25 Research Drive
Westborough, MA 01582

Prepared By:



Innovative Engineering Solutions, Inc.
25 Spring Street
Walpole, Massachusetts 02081
(508) 668-0033

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Michael Lotti, L.S.P.
Project Manager and LSP of Record
License Number 4208

Joseph E. Higgins, P.E., L.S.P.
Project Reviewer

**Release Abatement Measure Status Report
51 Commercial Street
Malden, Massachusetts 02148
DEP Release Tracking Number: 3-0362**

This Release Abatement Measure (RAM) Status Report has been prepared by Innovative Engineering Solutions, Inc. (IESI) on behalf of Massachusetts Electric Company d/b/a National Grid (National Grid) in accordance with the requirements of the Massachusetts Contingency Plan (MCP) (310 CMR 40.0000). This RAM is being conducted in accordance with the RAM Plan that was submitted to the Massachusetts Department of Environmental Protection (DEP) on August 9, 2007. The RAM is being conducted at the 51 Commercial Street and 100 Commercial Street portions of the former Malden manufactured gas plant (MGP) site (the "Site") located near the intersection of Commercial and Charles Streets in Malden, Massachusetts (hereinafter referred to as the RAM Areas). The DEP assigned Release Tracking Number (RTN) 3-0362 to the Malden MGP Site. Figure 1 depicts the site locus and Figure 2 depicts the location of the RAM Areas in relation to the disposal site boundary of the former MGP.

The objectives of this RAM are to accomplish the following:

1. Install, start up, and conduct operation, maintenance, and monitoring (OMM) activities for a non-aqueous phase liquid (NAPL) recovery system at 51 Commercial Street.
2. Install a barrier beneath the proposed building at 51 Commercial Street.
3. Manage remediation waste generated during floor and foundation removal from the prior structure at 51 Commercial Street, construction of the new building foundation and Engineered Barrier under the foundation at 51 Commercial Street, and construction and operation of the NAPL recovery systems.
4. Restore, restart, and conduct OMM activities on an existing NAPL recovery system at 100 Commercial Street.

This report describes activities conducted between December 1, 2007 and May 31, 2008. As such, the content of this report has been structured to address the specific information requirements set forth in 310 CMR 40.0445 (2)(a) through (e). The RAM Status Report is presented below. The original RAM Transmittal Form (BWSC-106) was submitted electronically via eDEP and a copy of the RAM Transmittal Form is included in Appendix A.

310 CMR 40.0445 (2)(a) The status of response operations:

During this reporting period, the activities have included continued NAPL system construction, site construction, and barrier installation at the 51 Commercial Street property; additional information regarding the status of these activities is presented below. The 100 Commercial Street NAPL recovery system has not yet been restarted.

NAPL System Construction

The NAPL system construction activities at the 51 Commercial Street property have included the construction of the equipment shed on site and completion of the extraction well vaults. No additional excavation or soil handling was necessary for these activities. Construction of the equipment shed structure is complete, and IESI is continuing to install the equipment inside the shed and extraction wells.

Site Construction

Site construction activities continued at 51 Commercial Street with construction of the bank building structure, (which started with driving foundation piles in December 2007, excavation of the building footprint to 7 feet below grade, and installation of the vapor/engineered barrier as further described below), final utility work, and final site grading. Subsurface construction activities are nearly complete and the final landscaping was underway. IESI personnel were periodically on-site during this reporting period to observe the subsurface construction activities

that involved the handling of soil from the subsurface and to implement the air monitoring plan presented in the RAM Plan and in accordance with the Site Specific Health and Safety Plan. The air monitoring data are discussed in later sections of this report. Excess soil that was generated from the excavations was stockpiled on-site and covered with polyethylene sheeting pending off-site disposal. Appendix B presents the field notes for the site construction activities. Photographs of the site activities are presented in Appendix C.

Barrier Installation

The August 2007 RAM Plan and the December 2007 RAM Modification included details for the installation of a cap beneath the building being constructed. Note that in the RAM Plan, the cap was referred to as an “engineered barrier”. As stated in the December 2007 RAM Modification, it is National Grid’s intent to have the cap installed in such a manner that it would meet the requirements of an engineered barrier. This cap will not formally be considered an “engineered barrier” at this time; however, in the event that in the future the proposed remedial response actions at the property achieve a permanent solution (with the exception of addressing soils containing oil or hazardous materials at concentrations exceeding Upper Concentration Limits, UCLs) it may be desired to have the cap designated as an “engineered barrier” installed in accordance with 310 CMR 40.0996 (4).

In December 2007, the site construction contractor installed 54 wooden piles (8-inch diameter, driven up to 27 feet into the subsurface) as part of the foundation for the new building. Once the piles were installed, the building footprint and five feet beyond the building footprint were excavated to a depth of about 7 feet below the finished floor elevation of the building to facilitate the installation of the building foundation. Prior to installing the concrete pile caps on top of the driven piles, a gas vent layer was installed as follows: the bottom of the excavation was covered with an 8-ounce non-woven geotextile; a 4-inch layer of peastone was placed on top of the geotextile; three lengths of 4-inch diameter perforated PVC pipe were placed roughly 20 feet apart in the peastone in an approximate east-west orientation, plumbed together and extended to the equipment shed in the southwest corner of the site and capped. A four-inch layer of concrete (i.e., commonly referred to as a “mud mat”) was then poured on top of the peastone. This layer provided a stable work surface and eliminated any building construction worker exposure to the contaminated soil present at depth. Figure 4 provides additional detail of the components of the barrier that were constructed as the foundation was built.

A second gas venting layer was installed as a conservative measure after construction of the concrete pile caps and the concrete grade beams (which divide the building footprint into three areas). As each area was backfilled, the second gas vent layer was installed and consists of a 6-inch layer of ¾-inch crushed stone with 4-inch perforated PVC pipe embedded in the crushed stone layer. One length of 4-inch diameter perforated PVC pipe was placed in each of the three areas of the foundation system in an approximate east-west orientation. The three pipes were plumbed together outside of the foundation and extended to the equipment shed and capped. A layer of 8-ounce non-woven geotextile was placed on top of the crushed stone. A 20 millimeter (mil) thick linear low density polyethylene (LLDPE) liner was then installed on top of the geotextile. Photographs of the construction of the barrier layers and general site work are included as Appendix C.

310 CMR 40.0445 (2)(b) Any significant new site information or data:

Significant new site information and data only includes the results of air monitoring and the data is presented below.

Air Monitoring

The air monitoring program as detailed in the RAM Plan and Health and Safety Plan was conducted in December 2007 during the building footprint soil removal activities. Ambient air quality was monitored continuously at two locations (i.e., stations) for particulates (i.e., dust) and VOCs using stationary meters mounted inside contained housings on tripods. Each station contained meters for measurements of particulates and VOCs and data loggers

that provided a continuous electronic record of the measurements. The particulate concentrations were monitored using a particulate meter (e.g., TS DustTrak Aerosol Monitor) that is capable of measuring particulate matter less than or equal to 10 micrometers in size (PM₁₀). VOCs were monitored using a photoionization detector (PID). The meters were set to record the average concentration over a 5 minute interval.

Each day the prevailing wind direction was estimated and one monitoring station (identified as the "Upwind" station) was located at the upwind perimeter of the property and was used to monitor background concentrations of dust and VOC entering the work area. A second monitoring station (identified as the "Downwind" station) was established at the downwind perimeter of the work along the property edge. A hand held PID and dust meter were also used at the work area to monitor the breathing zone and ambient air in the work zone. In addition, during every 30 to 60 minutes of intrusive subsurface work, soil loading, or stockpiling, IESI personnel recorded the average hand-held meter response for both VOC and dust along the perimeter of the property.

During the field events observed by IESI in January, February, and March 2008, IESI decided to not set up the perimeter monitoring stations. Given the short duration of each field event, the relatively low levels of contamination in the remaining surficial soils that were being handled, and the limited scope of work for each of these events, the perimeter stations were deemed unnecessary. The breathing zone and ambient air in the work zone were monitored with handheld instruments (PID and dust meter). IESI personnel also recorded the hand-held meter response (PID and dust meter) along the perimeter of the property every 30 to 60 minutes during intrusive subsurface work, soil loading, or stockpiling.

The site specific Health and Safety Plan developed by IESI included the following site specific action levels and corrective measures for dust and VOC:

- 100 ug/m³ PM₁₀ as measured over a 15-minute average: dust control required
- 150 ug/m³ PM₁₀ as measured over a 15-minute average: stop work, evaluate field conditions
- 4 ppm VOC as measured over a 15-minute average: stop work, continue monitoring, if levels go down, identify source of vapors and abate if feasible (e.g., foam, mist, cover work area)
- 25 ppm VOC as measured over a 15-minute average: stop work and control vapors. Resume only when work area is less than 4 ppm and source of vapors identified and control measures in place.

The Environmental Protection Agency (EPA) Office of Air Quality Planning and Standards (OAQPS) has set National Ambient Air Quality Standards for PM₁₀ of 150 ug/m³ over a 24 hour averaging period. Our site specific PM₁₀ action levels are based on a shorter averaging period (i.e., 15 minutes) to conservatively account for the potential for dust to contain site contaminants and to be protective of off-site receptors. Also, our site-specific VOC action levels are lower than the Permissible Exposure Limits (PELs) and Short-Term Exposure Limits (STELs) established by the United States Department of Labor Occupational Safety & Health Administration (OSHA) in order provide a conservative level of protection for workers and off-site receptors.

The data recorded on the data loggers and collected during the perimeter monitoring conducted in December 2007 are summarized in Appendix B. The data recorded with the hand-held instruments is recorded on the field notes included as Appendix B. Please note that the field technicians only recorded action level exceedences for VOCs and dust when using the hand-held monitoring within the work zone. During this reporting period, there were no action level exceedences for VOC or dust as measured by the hand-held meters at the work area.

As shown in the data in Appendix E, the 15-minute average action levels for dust was exceeded at both perimeter stations on December 19. The IESI field technician noticed this trend during a routine instrument check and compared the data to the handheld monitoring. When the data on the data logger was found to not correlate with the data from the hand held monitor and was not explained by the site activities being conducted at the time of the

exceedances (i.e., extensive soil handling activities were not occurring at the time), the technician recalibrated the two instruments and detections above the action levels were not observed for the remainder of the day.

Given the low PM₁₀ concentrations that were recorded during the construction activities and the immediate employment of dust suppression techniques whenever dust was observed, it is not likely that off-site receptors were exposed to any excessive levels of dust from the construction activities conducted during this reporting period.

310 CMR 40.0445 (2)(c) Details of and/or plans for the management of Remediation Waste, Remedial Wastewater, and/or Remedial Additives:

As indicated in the RAM Plan, we anticipated that up to 1,500 cubic yards of soil would be excavated for the RAM, and that this material would be managed in accordance with the provisions of 310 CMR 40.0030. As reported in the December 2007 RAM Status Report, between October 31, 2007 and November 21, 2007, 899.71 tons (roughly 530 cubic yards) of soil were transported under a Bill of Lading to Environmental Soil Management, Inc. of New Hampshire (ESMI) in Loudon, New Hampshire for recycling by thermal desorption. Additional remediation waste (i.e., soil) was generated as the construction project progressed this period. Between December 17, 2007 and March 20, 2008, 1,440.28 tons (roughly 900 cubic yards) of soil were transported under a Bill of Lading to ESMI for recycling by thermal desorption. The total amount of soil removed from the 51 Commercial Street property as part of this RAM is 2,339.99 tons (roughly 1400 cubic yards). Note that the soil pre-characterization work conducted in 2007 allowed for a total of up to 2400 tons of soil from the site to be sent to the ESMI's facility. Copies of the completed Bills of Lading submitted to the DEP are included as Appendix D.

310 CMR 40.0445 (2)(d) Any other information that the Department during its review and evaluation of a Status Report determines to be necessary to complete said Status Report, in view of site specific circumstances and conditions; and:

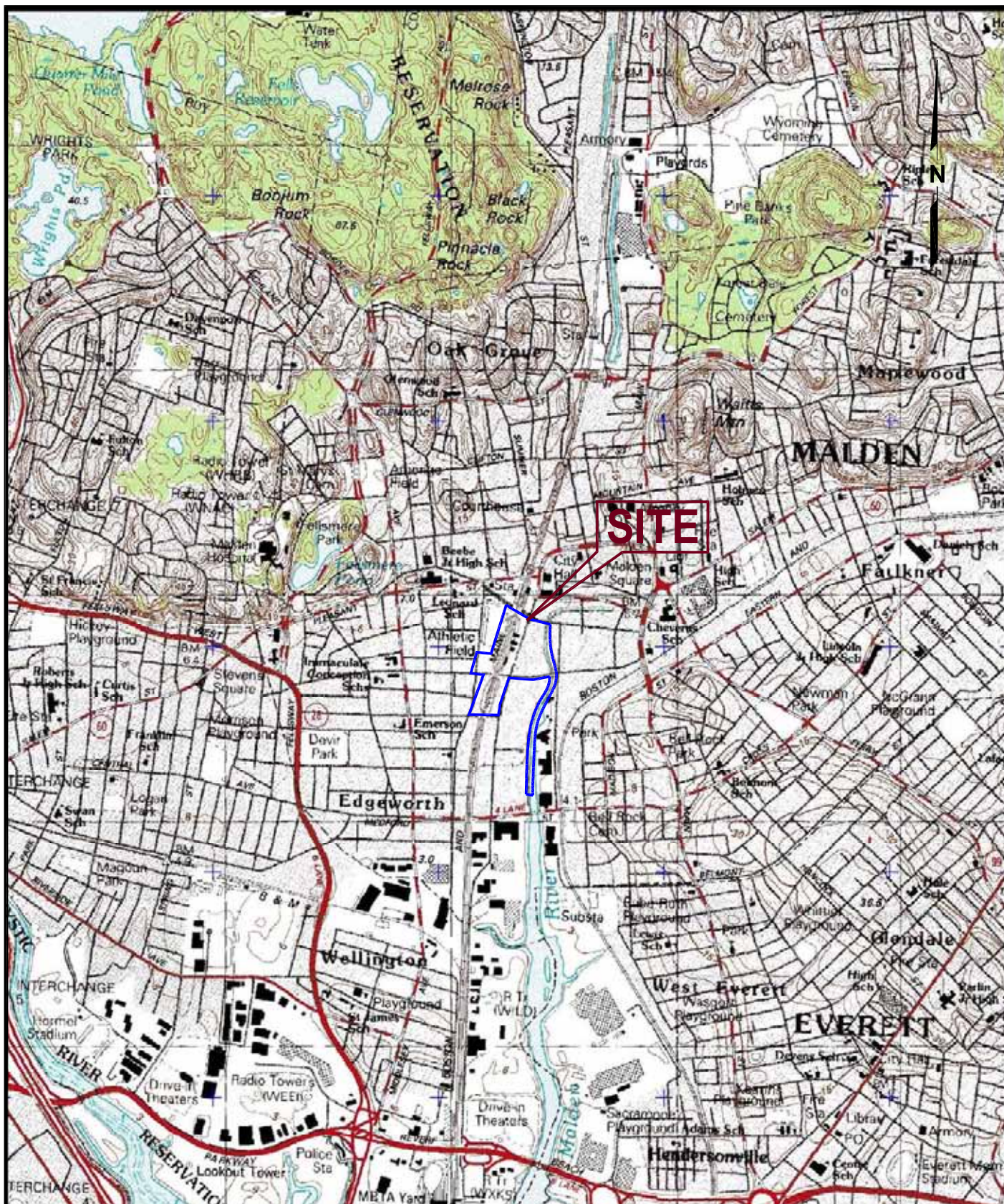
The DEP has not required additional information, and the DEP did not impose any conditions on the right to conduct the RAM.

310 CMR 40.0445 (2)(e) An LSP Opinion as to whether the Release Abatement Measure is being conducted in conformance with the RAM Plan and any conditions of approval established by the Department.

Having reviewed the requirements of the RAM Plan and the response actions completed to date, we are of the opinion that the RAM is being conducted in accordance with the RAM Plan.

If you require additional information or have any questions regarding this status report, please contact Michael S. Lotti, LSP of IESI at (508) 668-0033 (x 231).

FIGURES



Innovative Engineering Solutions, Inc.
25 SPRING STREET
WALPOLE, MASSACHUSETTS 02081
(508) 668-0033

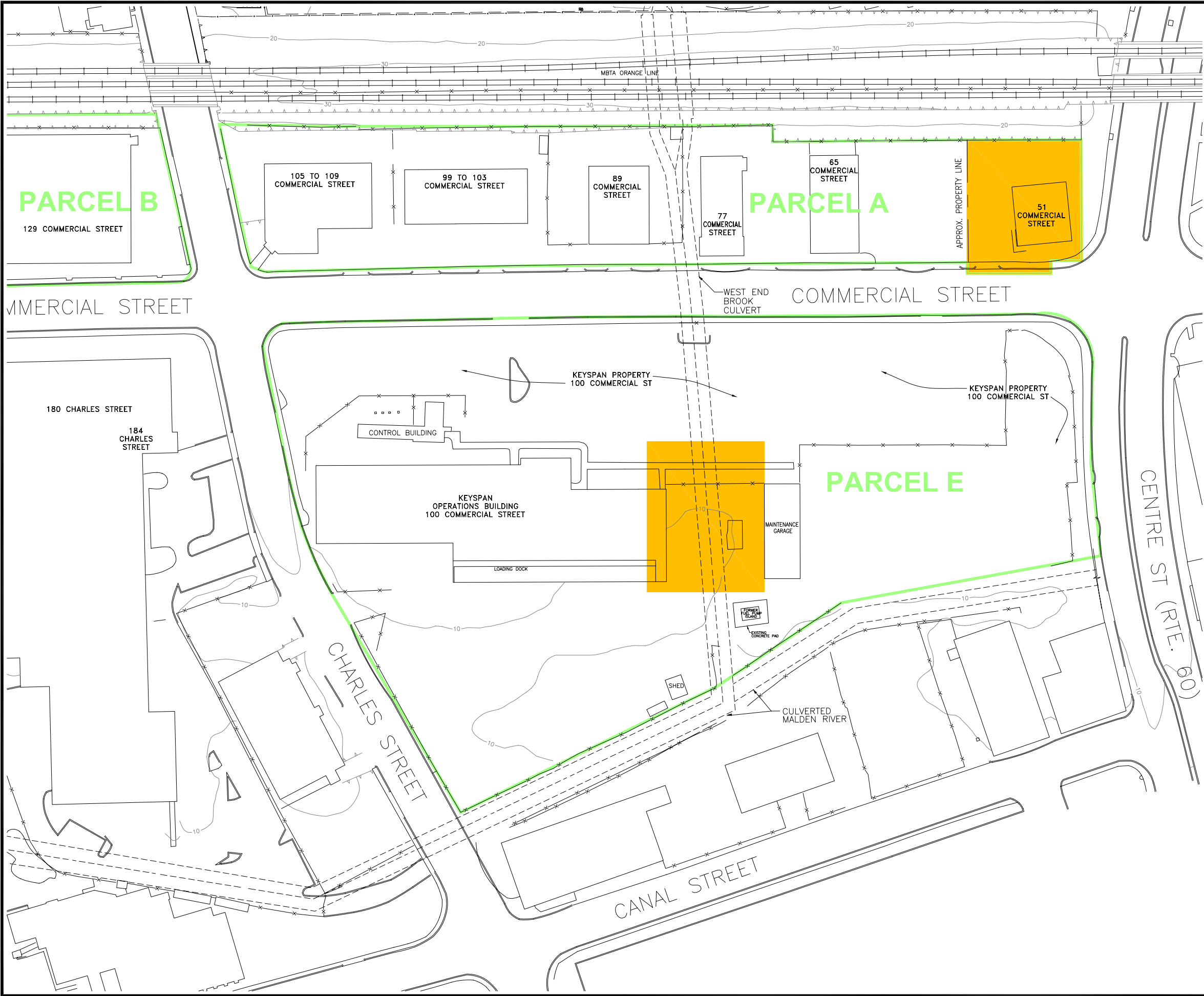
0 2000

SCALE IN FEET
1:24000

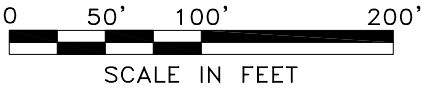
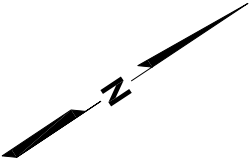
SITE LAT/LONG: 42°25'30"N 71°04'30"W
UTM: 329,298E 4,699,051N ZONE 19
USGS Topographic Map:
Boston North, Massachusetts 1991

FIGURE 1
SITE LOCATION MAP

Former Malden MGP Site
Malden, Massachusetts



 APPROXIMATE RAM AREA



THIS PLAN BASED ON THE SITE PLAN DATED DECEMBER 2001
BY HALEY & ALDRICH, INC.

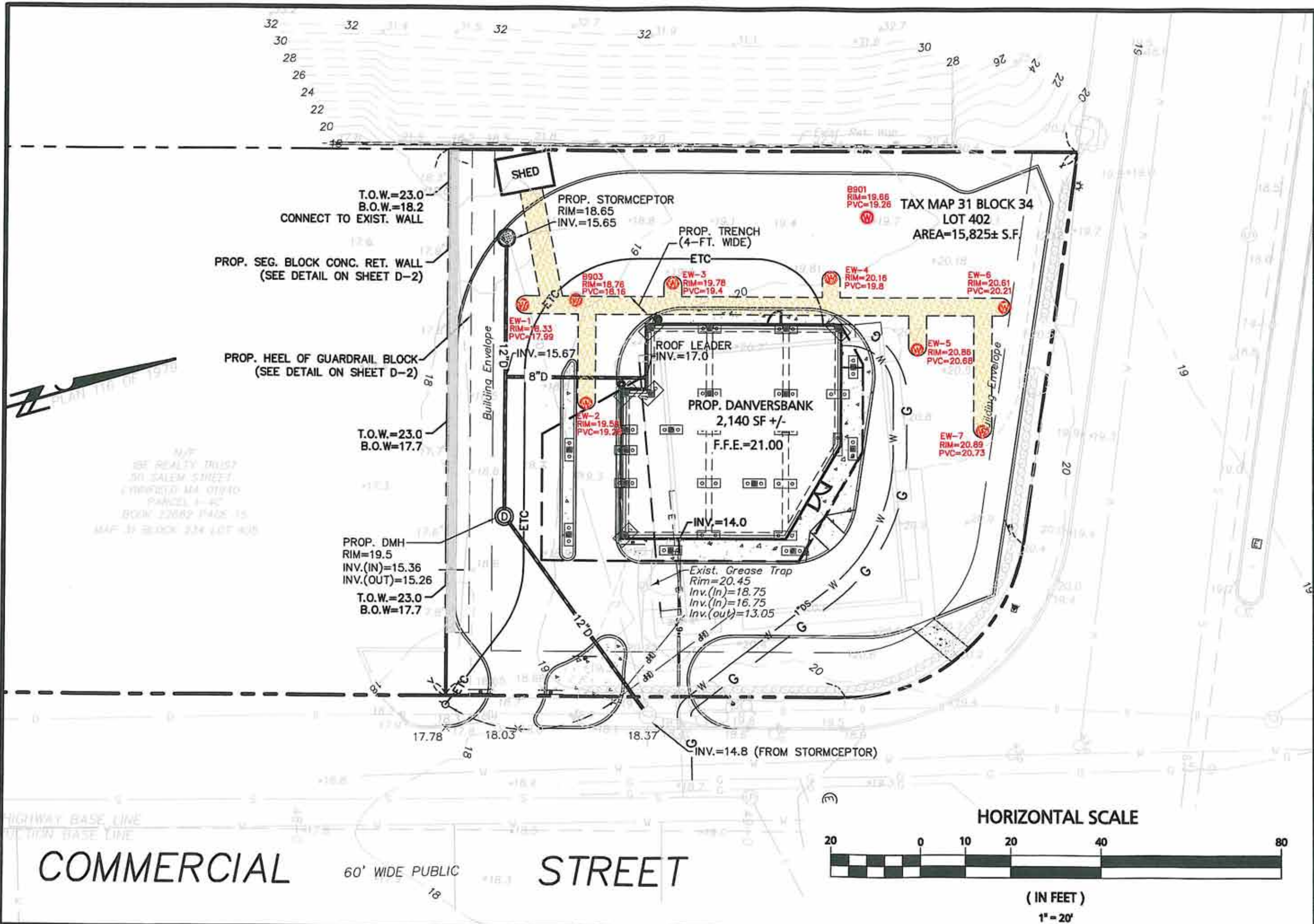
HALEY & ALDRICH, INC. NOTES:

1. BASE PLAN ADAPTED FROM "TOPOGRAPHIC WORKSHEET
OF THE MANUFACTURED GAS PLANT, MALDEN, MA"
FOR MASSACHUSETTS ELECTRIC COMPANY,
WESTBOROUGH, MA, BY EASTERN TOPOGRAPHICS,
WOLFEBORO, NH, SHEETS 1 AND 2, AT A SCALE OF 1 IN.
EQUALS 40 FT., JUNE 1995, AND CITY OF MALDEN
ASSESSOR'S PLAN SHEET NO. 53, BY FAY, SPOFFORD &
THORNDIKE, INC., BOSTON, MA, AT A SCALE OF 1 IN.
EQUALS 40 FT., UPDATED JUNE 1976 AND REVISED
30 JULY 1979.
2. LOCATION OF TEST BORINGS AND TEST PITS WERE
DETERMINED BY HALEY & ALDRICH, INC.



Innovative Engineering Solutions, Inc.
25 SPRING STREET
WALPOLE, MASSACHUSETTS 02081
(508) 668-0033

TITLE				
RAM AREAS				
SITE				
FORMER MALDEN MGP SITE				
CLIENT				
NATIONAL GRID				
DRAWN	CHECKED	FILENAME	DATE	FIGURE
DMR	ML	NG MALDEN RAM AREAS	12/27/07	2



COMMERCIAL

STREET

HORIZONTAL SCALE

(IN FEET)

1" = 20'

Engineering Alliance, Inc.
Civil Engineering & Land Planning Consultants
100 Commercial Street
Danvers, MA 01923
Tel: (781) 331-1340
Fax: (781) 417-0020

PROJECT: Proposed Site Plan
51 COMMERCIAL STREET
(Tax Map 31 Block 34 Lot 402)
Malden, Massachusetts

PROJECT #: 07-16702
SCALE: AS NOTED
DATE: October 17, 2007
DWG FILE NAME: 07-16702.dwg
DESIGN BY: Andrew Sweet
CHECKED BY: Richard A. Salvo, P.E.

Danversbank
1 Court Street
Danvers, MA 01923

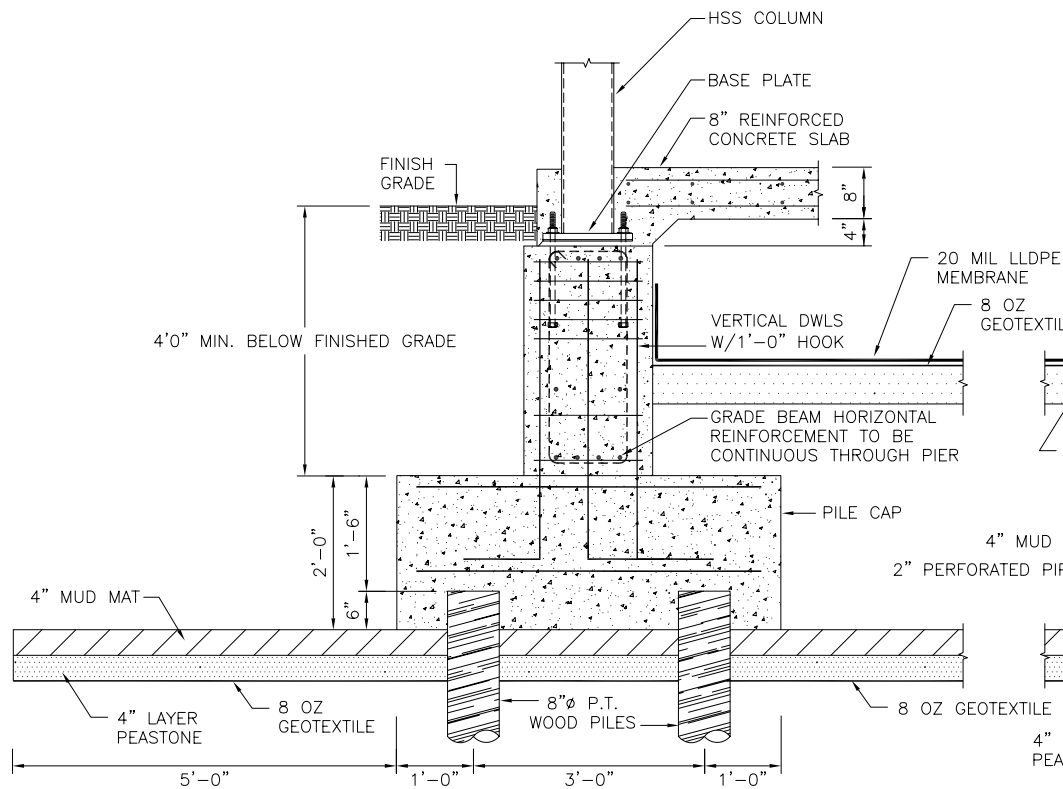
DRAWING TITLE:
Combined Site and
Remediation Plan

DWG. NO.
1 of 1

APPLICANT:

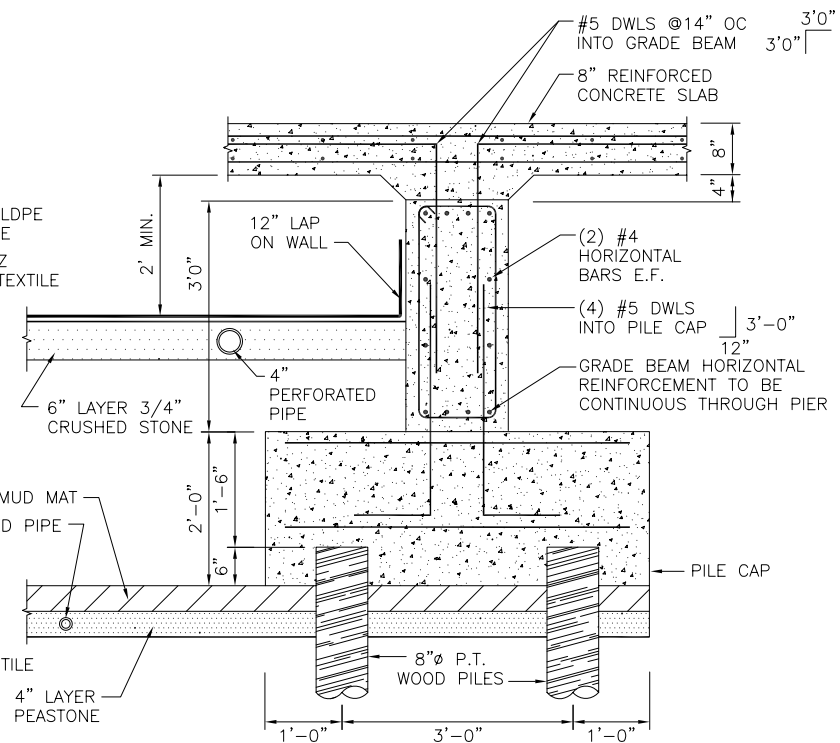
DESCRIPTION OF REVISION

DATE



SECTION

1":2.5'



SECTION

1":2.5'



NOTES:
 1] SOURCE: "DANVERS BANK, 51 COMMERCIAL STREET, MALDEN, MASSACHUSETTS, FOUNDATION SECTIONS & DETAILS" SHEET
 PREPARED BY ROYAL DESIGN, PORTSMOUTH, NH, 10/1/07.



Innovative Engineering Solutions, Inc.
 25 SPRING STREET
 WALPOLE, MASSACHUSETTS 02081
 (508) 668-0033

TITLE				
CONSTRUCTION SECTIONS				
PROJECT				
SITE INVESTIGATION				
SITE				
51 COMMERCIAL STREET, MALDEN, MASSACHUSETTS				
CLIENT				
NATIONAL GRID				
DRAWN	CHECKED	FILENAME	DATE	FIGURE
DMR	ML	CONSTR SECTIONS	10/23/07	1

APPENDIX A

COPY OF RELEASE ABATEMENT MEASURE (RAM) TRANSMITTAL FORM (BWSC-106)

APPENDIX B

CONSTRUCTION FIELD NOTES AND AIR MONITORING DATA

DAILY FIELD LOG

Project : Malden MGP – Construction

Activity: Construction Oversight

Client : National Grid

Page: 1 of 11

Contractor: T. Ford

IESI Proj. No. NG/Malden

3/20/08 Thursday

IESI Personnel: D Rolls

700 On site

715 Truck on site and loaded approx 18 yds - 24 tons.

745 Second truck on site and loaded approx. 18 yds - 24 tons

800 Spoke with John Davie from Davie and Sons about electrical work in our building. He will be on site at 10:00 am.

1000 Met with John Davies about elec hook-up. Called Dave F. w/ questions. He will send out bid. T Ford relocated elec and phone conduits to front of the building.

1145 Third truck on site for the last amount of soil.

1230 IES off site to return rental equipment.

Time	Worksite		Perimeter	
	VOC ppm	Dust mg/m3	VOC ppm	Dust mg/m3
730	0	0.012	0	0
830	0	0	0	0
930	0	0.018	0	0
1030	0	0.012	0	0
1130	0	0.001	0	0



DAILY FIELD LOG

Project : Malden MGP – Construction

Activity: Construction Oversight

Client : National Grid

Page: 2 of 11

Contractor: T. Ford

IESI Proj. No. NG/Malden

3/19/08 Wednesday

IESI Personnel: D Rolls

715 On site, T Ford Crew on site

730 Began digging at landscape area locations behind the equipment storage trailer. Truck arrived and loaded 18 yds - 24 tons of soil. Continued to grade area with stone dust.

930 T Ford began placing cast iron rings with covers over the recovery well vaults

1050 Third truck on site loading soil 18 yds - 24 tons.

1130 Reorganized soil piles with machine. T Ford grading landscape areas with stone dust.

1200 Another truck loaded 18 yds. - 24 tons approx.
Repositioned soil pile. About 3 loads left for tomorrow.

1300 Future landscape areas was dug out to 2 feet behind the soil pile by the back retaining wall towards the construction trailer.

1445 IES off site.

Time	Worksite		Perimeter	
	VOC ppm	Dust mg/m3	VOC ppm	Dust mg/m3
730	0	0.014	0	0
830	0	0.014	0	0
930	0	0.012	0	0
1030	0	0.011	0	0
1130	0	0.029	0	0
1230	0	0.019	0	0
13330	0	0.017	0	0



DAILY FIELD LOG

Project : Malden MGP – Construction

Activity: Construction Oversight

Client : National Grid

Page: 3 of 11

Contractor: T. Ford

IESI Proj. No. NG/Malden

3/18/08 Tuesday

IESI Personnel: R Eby

700 T. Ford installs sleeve for gas line and backfills excavation

815 Continue excavation for landscape area along Centre Street side of site.
(Excavation and soil stockpile 0 ppm)

915 Place geotextile fabric and backfill stone dust in excavation.

1000 Resume excavation of planting area along Centre Street side of property.
T. Ford also loading truck with asphalt and concrete debris.

1030 Discontinue excavation (refueling etc.).

1100 Continue excavation of landscape areas around corner of property and along
Commercial Street side of property.

1200 Site activities shut down for lunch.

1230 Continue excavation of landscape areas along Commercial Street side of property.

1330 Additional excavation of landscape areas along Centre Street side of site.
T Ford loading truck with asphalt debris.

1400 Excavate trench and lay conduit for lamp poles. (Excavation and soil stockpile 0 ppm).

1500 Backfill conduit trench.

1515 RE off site.

Time	Worksite		Perimeter	
	VOC ppm	Dust mg/m3	VOC ppm	Dust mg/m3
730	0	0	0	0
800	0	0	0	0
900	0	0	0	0
1000	0	0	0	0
1115	0	0	0	0
1200	0	0	0	0
1245	0	0.012	0	0
1330	0.2	0	0	0
1400	0	0	0	0
1430	0	0	0	0
1500	0	0	0	0



DAILY FIELD LOG

Project : Malden MGP – Construction

Activity: Construction Oversight

Client : National Grid

Page: 4 of 11

Contractor: T. Ford

IESI Proj. No. NG/Malden

3/17/08 Monday

IESI Personnel: D Rolls

700 On site . Met w/ T Ford - Wayne, Ron and Jack

715 Walked over areas that will be excavated and what the procedures will be.

730 T Ford began moving construction debris out of the work areas.

900 T Ford brought in flat bed and removed 3 power poles and the excavator bucket.

945 Continuing to clean up site. No trenching has been done at this time.

1000 Began removing asphalt from the area next to shed.

1030 Began moving existing soil pile @fence line about 15 yds of soil.

1100 Excavated approx 15' of the future landscape bed area

1300 Began trenching for installation of the gas line. Began at fence line by Commercial St.

1445 Finished trenching to back corner of building. They will install gas line sleeve tomorrow.

1500 IES off site

Time	Worksite		Perimeter	
	VOC ppm	Dust mg/m3	VOC ppm	Dust mg/m3
1000	0	0.024	0	0
1100	0	0.019	0	0
1300	0	0	0	0
1400	0	0.013	0	0
1500	0	0.029	0	0



DAILY FIELD LOG

Project : Malden MGP – Construction

Activity: Construction Oversight

Client : National Grid

Page: 5 of 11

Contractor: T. Ford

IESI Proj. No. NG/Malden

2/14/08 Thursday

IESI Personnel: D Rolls

700 Excavation for final sewer connection begins by the fence area / sidewalk where original sewer connection was made a few months ago. Checked soil that was taken out of pit. 0 ppm.

800 Excavating continues to locate the original sewer line. No sign of contamination.

1000 Connected 6" sewer line to a 4" line coming from the concrete slab at the building location.

1030 Backfilling new 6" sewer pipe.

1100 Begin trenching for new water line connection.

1200 Site activities shut down for lunch.

1245 Continued excavating for water line work.

1300 Began connecting water line 1" copper from back building corner by Centre Street side.

1345 Began survey of new water line with GPS.

1430 Began backfilling water line.

1450 Began grading in water line trench area with front end loader.

1515 DR off site.

Worksite			Perimeter	
Time	VOC ppm	Dust mg/m3	VOC ppm	Dust mg/m3
700	0	0.031	0	0.028
800	0	0.033	0	0.025
900	0	0.033	0	0.024
1000	0	0.01	0	0.009
1030	0	0.032	0	0.027
1100	0	0.022	0	0.021
1200	0	No activity	0	No activity
1300	0	0.023	0	0.018
1400	0	0.021	0	0.018
1430	0	0.035	0	0.022
1500	0	0.027	0	0.017



DAILY FIELD LOG

Project : Malden MGP – Construction

Activity: Construction Oversight

Client : National Grid

Page: 6 of 11

Contractor: T. Ford

IESI Proj. No. NG/Malden

1/28/08 Monday

IESI Personnel: D Rolls

615 IES on-site. T Ford on-site to load soil for transport
to ESMI of NH Weather: 30 degrees, clear
850 secured digging, awaiting dumptruck
1000 commenced loading dumptruck
1020 secured loading dumptruck
1350 commenced loading dumptruck
1410 secured loading dumptruck
1430 secured worksite.

	worksite		perimeter	
	VOC	Dust	VOC	Dust
645	0	0.017	0	0.028
715	0	0.018	0	0.035
745	0	0.022	0	0.02
815	0	0.013	0	0.049
845	0	0.01	0	0.028
1000	0	0.015	0	0.013
1015	0	0.013	0	0.015
1400	0	0.01	0	0.013



DAILY FIELD LOG

Project : Malden MGP – Construction

Activity: Construction Oversight

Client : National Grid

Page: 7 of 11

Contractor: T. Ford

IESI Proj. No. NG/Malden

12/21/07 Friday

IESI Personnel: D Jones

0630 IES on-site. T Ford on-site, 6 person crew. Weather: 25 degrees, snow flurries, light wind.

Continued hauling soil away with 40 ton trucks. Total of 7 loads of 40 tons. The last two loads were not full due to the end of digging and minimum load requirements. Excavation will be completed soon.

0835 Changed battery in perimeter dust monitor. Battery was low. Excavation is near complete, last trucks off site soon. No readings above action levels in work area or excavation with PID and Dust monitors

0920 Secured work and monitoring. No Alarms or limits were exceeded.



AIR MONITORING SHEET

Client: Massachusetts Electric Company

Project: 51 Commercial Street

21-Dec-07

Weather: 25 deg., snow flurries, light wind

Action Level: 0.10 mg/m³ above Upwind; VOCs: 5 ppm

Notes:

LOCATION: Up Wind				LOCATION: Down Wind				Handheld Perimeter Monitoring	
Meter: Mini-RAE 7600 (for volatiles)		Meter: TSI DustTRAK Aerosol (for dust)		Meter: Mini-RAE 7600 (for volatiles)		Meter: TSI DustTRAK Aerosol (for dust)		Meter: Mini- RAE 7600 (for volatiles)	Meter: Personal Data RAM (PDR1000AN) (for dust)
Time	Concentration (ppm)	Time	Concentration (mg/m ³)	Time	Concentration (ppm)	Time	Concentration (mg/m ³)	Concentration (ppm)	Concentration (mg/m ³)
6:53	0	06:51:03	0.016			06:50:20	0.008		
7:08	0	07:06:03	0.005			07:05:20	0	0	0
7:23	0	07:21:03	0.001	7:15	0	07:20:20	0.001		
7:38	0	07:36:03	0.002	7:30	0	07:35:20	0.001	0	0.01
7:53	0	07:51:03	0.003	7:45	0	07:50:20	0.001		
8:08	0	08:06:03	0.004	8:00	0	08:05:20	0.001	0	0.013
8:23	0	08:21:03	0.003	8:15	0	08:20:20	0		
8:38	0	08:36:03	0.003	8:30	0	08:35:20	0.001	0	0.034
8:53	0	08:51:03	0.003	8:45	0	08:50:20	0.001		
9:08	0	09:06:03	0.003	9:00	0	09:05:20	0	0	0.021
9:23	0	09:21:03	0.002	9:15	0	09:20:20	0.001		
9:38	0	09:36:03	0.002	9:30	0	09:35:20	0		
		09:51:03	0.001			09:50:20	0		



DAILY FIELD LOG

Project : Malden MGP – Construction

Activity: Construction Oversight

Client : National Grid

Page: 8 of 11

Contractor: T. Ford

IESI Proj. No. NG/Malden

12/20/07 Thursday

IESI Personnel: D Jones

0645 IES on-site. TFord on-site, 4 person crew. Weather: 28 degrees, rain/snow, light wind.

Commenced hauling soil away with 20 ton and 40 ton trucks. Total of 1 loads of 20 tons and 2 loads of 40 tons.

Commenced expanding pit. Only small area left to dig.

0740 Changed battery in upwind dust monitored. Battery was low.

0840 T Ford advised that no more trucks would be coming b/c of weather. No more excavation b/c of lack of room on site for stock piles. IESI secured work and monitoring. No Alarms or limits were exceeded. IESI Off-site (to 100 Commercial)

	Perimeter		Excavation	
	VOC ppm	Dust mg/m ³	VOC ppm	Dust mg/m ³
0700	0	0.008	0	0.004
0730	0	0.011	0	0.016
0800	0	0.019	0	0.02
0830	0	0.023	#	#

= Readings not taken in excavation b/c of active digging



AIR MONITORING SHEET

Client: Massachusetts Electric Company

Project: 51 Commercial Street

20-Dec-07

Weather: 28 degrees, rain/snow, light wind.

Action Level: 0.10 mg/m³ above Upwind; VOCs: 5 ppm

Notes:

LOCATION: Up Wind				LOCATION: Down Wind				Handheld Perimeter Monitoring	
Meter: Mini-RAE 7600 (for volatiles)		Meter: TSI DustTRAK Aerosol (for dust)		Meter: Mini-RAE 7600 (for volatiles)		Meter: TSI DustTRAK Aerosol (for dust)		Meter: Mini- RAE 7600 (for volatiles)	Meter: Personal Data RAM (PDR1000AN) (for dust)
Time	Concentration (ppm)	Time	Concentration (mg/m ³)	Time	Concentration (ppm)	Time	Concentration (mg/m ³)	Concentration (ppm)	Concentration (mg/m ³)
6:59	0			6:53	0	06:54:22	0.001	0	0.008
7:14	0			7:08	0	07:09:22	0.001		
7:29	0			7:23	0	07:24:22	0.001	0	0.011
7:44	0			7:38	0	07:39:22	0.005		
7:59	0	07:52:00	0.018	7:53	0	07:54:22	0.002	0	0.019
8:14	0	08:07:00	0	8:08	0	08:09:22	0.002		
8:29	0	08:22:00	0	8:23	0	08:24:22	0	0	0.023
8:44	0	08:37:00	0	8:38	0	08:39:22	0.005		
		08:52:00	0			08:54:22	0		



DAILY FIELD LOG

Project : Malden MGP – Construction

Activity: Construction Oversight

Client : National Grid

Page: 9 of 11

Contractor: T. Ford

IESI Proj. No. NG/Malden

12/19/07 Wednesday

IESI Personnel: D Jones

- 0630 IESI on-site. T Ford on-site, 4 person crew. Weather: 11 degrees, overcast, light wind. Tailgate topic – slips trips and falls, lots of obstructions in excavation area, use caution
- 0630 Commenced hauling soil away with 20 ton and 35 ton trucks. Total of 2 loads of 20 tons and 10 loads of 35 tons.
- 0700 Continued expanding foundation excavation.
- 0930 Concrete truck on site, pouring concrete on the pea gravel layer for SSDS.
- 1020 Performed Cyanide and Benzene Draeger tube tests in excavation pit area where digging. No detectable concentration of either compound noted.
- Recalibrated dust meters, noted drift in readings w/o any activities on site.
- 1100 Meters all set after calibration.
- Secured work site and monitoring equipment. No Alarms or limits were exceeded during course of day.
- 1440

	Perimeter Check		Excavation Check	
	VOC	Dust (mg/m ³)	VOC	Dust (mg/m ³)
0700	0	0.038	#	#
0730	0	0.049	#	#
0800	0	0.03	0	0.047
0830	0	0.051	0	0.05
0900	0	0.033	0	0.052
0930	0	0.038	#	#
1000	0	0.043	#	#
1030	0	0.067	0	0.054
1100	0	0.011	0	0
1130	0	0.003	0	0.002
1200	0	0.002	0	0
1230	0	0	0	0
1300	0	0	0	0.003
1330	0	0	0	0.011
1400	0	0	0	0.005
1430	0	0	#	#

= Readings not taken in excavation b/c of active digging



AIR MONITORING SHEET									
Client: Massachusetts Electric Company									
Project: 51 Commercial Street									
19-Dec-07									
Weather: Overcast, light wind 11 to 30 degrees									
Action Level: 0.10 mg/m ³ above Upwind; VOCs: 5 ppm									
Notes:									
LOCATION: Up Wind				LOCATION: Down Wind				Handheld Perimeter Monitoring	
Meter: Mini-RAE 7600 (for volatiles)		Meter: TSI DustTRAK Aerosol (for dust)		Meter: Mini-RAE 7600 (for volatiles)		Meter: TSI DustTRAK Aerosol (for dust)		Meter: Mini-RAE 7600 (for volatiles)	Meter: Personal Data RAM (PDR1000AN) (for dust)
Time	Concentration (ppm)	Time	Concentration (mg/m ³)	Time	Concentration (ppm)	Time	Concentration (mg/m ³)	Concentration (ppm)	Concentration (mg/m ³)
6:49	0	06:47:13	0.054	6:45	0	06:48:44	0.043		
7:04	0	07:02:13	0.109	7:00	0	07:03:44	0.053	0	0.038
7:19	0	07:17:13	0.081	7:15	0	07:18:44	0.087		
7:34	0	07:32:13	0.041	7:30	0	07:33:44	0.096	0	0.049
7:49	0	07:47:13	0.135	7:45	0	07:48:44	0.34		
8:04	0	08:02:13	0.057	8:00	0	08:03:44	0.123	0	0.03
8:19	0	08:17:13	0.31	8:15	0	08:18:44	0.06		
8:34	0	08:32:13	0.211	8:30	0	08:33:44	0.076	0	0.051
8:49	0	08:47:13	0.115	8:45	0	08:48:44	0.067		
9:04	0	09:02:13	0.67	9:00	0	09:03:44	0.069	0	0.033
9:19	0	09:17:13	0.037	9:15	0	09:18:44	0.039		
9:34	0	09:32:13	0.073	9:30	0	09:33:44	0.037	0	0.038
9:49	0	09:47:13	0.054	9:45	0	09:48:44	0.046		
10:04	0	10:02:13	0.105	10:00	0	10:03:44	0.051	0	0.043
10:19	0	10:17:13	0.107	10:15	0	10:18:44	0.063		
10:34	0	10:32:13	0.11	10:30	0	10:33:44	0.056	0	0.067
10:49	0	10:47:13	0.111	10:45	0	10:48:44	0.065		
11:04	0	Recalibrated meter		11:00	0	Recalibrated meter		0	*0.011
11:19	0	11:23:43	0	11:15	0	11:20:23	0.002		
11:34	0	11:38:43	0	11:30	0	11:35:23	0.002	0	0.003
11:49	0	11:53:43	0	11:45	0	11:50:23	0		
12:04	0	12:08:43	0	12:00	0	12:05:23	0.001	0	0.002
12:19	0	12:23:43	0	12:15	0	12:20:23	0		
12:34	0	12:38:43	0	12:30	0	12:35:23	0	0	0
12:49	0	12:53:43	0	12:45	0	12:50:23	0		
13:04	0	13:08:43	0	13:00	0	13:05:23	0.002	0	0
13:19	0	13:23:43	0	13:15	0	13:20:23	0.003		
13:34	0	13:38:43	0	13:30	0	13:35:23	0.003	0	0
13:49	0	13:53:43	0	13:45	0	13:50:23	0.001		
14:04	0	14:08:43	0	14:00	0	14:05:23	0	0	0
14:19	0	14:23:43	0	14:15	0	14:20:23	0.01		
14:34	0	14:38:43	0	14:30	0	14:35:23	0	0	0

DAILY FIELD LOG

Project : Malden MGP – Construction

Activity: Construction Oversight

Client : National Grid

Page: 10 of 11

Contractor: T. Ford

IESI Proj. No. NG/Malden

12/18/07 Tuesday

IESI Personnel: D Jones

- 0630 IES on-site. T Ford on-site, 4 person crew. Weather: 15 degrees, sun, light wind. Completed tailgate meeting – went over air monitoring tasks for day.
- 0645 Commenced hauling soil away with 20 ton and 40 ton trucks. Total of 4 loads of 20 tons and 9 loads of 40 tons.
- 0800 Commenced expanding pit. (Note that Perimeter Station 1-upwind had PID readings all day, checked with hand held and result was 0.0. The readings are considered background and likely due to weak battery and cold weather. Perimeter Station 2 did experience PID drift later in day) Hand warmers in Stations may be helping.
- 0845 While expanding pit toward the train tracks, shovel damaged two 1" PVC conduits for recovery well. The conduit was pulled out some and needs to be investigated where they were pulled from. (easy fix)
- 1000 Commence pouring concrete mud mat on first layer of Sub Slab System in corner of site. Mud mat will be poured in sections. Geotextile and peastone layer w/ 2-inch PVC pipe placed beneath
- 1240 Sampled air in pit. VOC= 0 and Dust is 0.003 mg/m3. Blue soil observed.
- 1540 Secured site and broke down monitoring equipment. No Alarms or limits were exceeded at any time today.

Hand Held Perimeter Checks

	VOC (ppm)	Dust (mg/m3)
0800	0	0
0830	0	0
0900	0	0
0930	0	0.003
1000	0	0.001
1030	0	0.001
1100	0	0.008
1130	0	0.005
1200	0	0.003
1230	0	0.002
1300	0	0.007
1330	0	0.008
1400	0	0.005
1430	0	0.008
1500	0	0.007
1530	0	0.008



AIR MONITORING SHEET									
Client: Massachusetts Electric Company									
Project: 51 Commercial Street									
18-Dec-07									
Weather: 15 degrees, sunny, light wind									
Action Level: 0.10 mg/m ³ above Upwind; VOCs: 5 ppm									
Notes:									
LOCATION: Up Wind				LOCATION: Down Wind				Handheld Perimeter Monitoring	
Meter: Mini-RAE 7600 (for volatiles)		Meter: TSI DustTRAK Aerosol (for dust)		Meter: Mini-RAE 7600 (for volatiles)		Meter: TSI DustTRAK Aerosol (for dust)		Meter: Mini-RAE 7600 (for volatiles)	Meter: Personal Data RAM (PDR1000AN) (for dust)
Time	Concentration (ppm)	Time	Concentration (mg/m ³)	Time	Concentration (ppm)	Time	Concentration (mg/m ³)	Concentration (ppm)	Concentration (mg/m ³)
7:35	2.7	07:36:44	0.025	7:30	0	07:36:44	0.023		
7:50	2.7	07:51:44	0.014	7:45	0	07:51:44	0.014		
8:05	2.8	08:06:44	0.012	8:00	0	08:06:44	0.014	0	0
8:20	2.8	08:21:44	0.011	8:15	0	08:21:44	0.025		
8:35	2.8	08:36:44	0.008	8:30	0	08:36:44	0.014	0	0
8:50	3	08:51:44	0.006	8:45	0	08:51:44	0.01		
9:05	3.3	09:06:44	0.005	9:00	0	09:06:44	0.012	0	0
9:20	3.5	09:21:44	0.002	9:15	0	09:21:44	0.008		
9:35	3.7	09:36:44	0.003	9:30	0	09:36:44	0.009	0	0.003
9:50	4	09:51:44	0.001	9:45	0	09:51:44	0.006		
10:05	4.1	10:06:44	0.001	10:00	0	10:06:44	0.006	0	0.001
10:20	3.8	10:21:44	0.001	10:15	0	10:21:44	0.011		
10:35	4	10:36:44	0.001	10:30	0	10:36:44	0.011	0	0.001
10:50	4.1	10:51:44	0.001	10:45	0	10:51:44	0.009		
11:05	4	11:06:44	0.002	11:00	0	11:06:44	0.008	0	0.008
11:20	4.1	11:21:44	0	11:15	0.1	11:21:44	0.006		
11:35	4	11:36:44	0.002	11:30	0.1	11:36:44	0.007	0	0.005
11:50	4.1	11:51:44	0.001	11:45	0.1	11:51:44	0.009		
12:05	4.1	12:06:44	0	12:00	0.1	12:06:44	0.01	0	0.003
12:20	4	12:21:44	0.001	12:15	0.2	12:21:44	0.009		
12:35	3.9	12:36:44	0.003	12:30	0.2	12:36:44	0.008	0	0.002
12:50	3.9	12:51:44	0.003	12:45	0.3	12:51:44	0.011		
13:05	3.9	13:06:44	0.001	13:00	0.2	13:06:44	0.009	0	0.007
13:20	3.8	13:21:44	0.003	13:15	0.3	13:21:44	0.005		
13:35	3.8	13:36:44	0.006	13:30	0.4	13:36:44	0.005	0	0.008
13:50	3.7	13:51:44	0.001	13:45	0.5	13:51:44	0.005		
14:05	3.7	14:06:44	0.002	14:00	0.5	14:06:44	0.006	0	0.005
14:20	3.8	14:21:44	0.002	14:15	0.6	14:21:44	0.003		
14:35	3.8	14:36:44	0.002	14:30	0.5	14:36:44	0.003	0	0.008
14:50	3.8	14:51:44	0.002	14:45	0.4	14:51:44	0.002		
15:05	3.8	15:06:44	0.006	15:00	0.4	15:06:44	0.004	0	0.007
15:20	3.8	15:21:44	0.004			15:21:44	0.005	0	0.008

DAILY FIELD LOG

Project : Malden MGP – Construction

Activity: Construction Oversight

Client : National Grid

Page: 11 of 11

Contractor: T. Ford

IESI Proj. No. NG/Malden

12/17/07 Monday

Author: G Hirsch

0850 IES on-site (Picked up meters on way to site). T Ford on-site with 4 person crew.

Weather: 20 degrees, sun, moderate wind.

0900 - Tailgate Safety Meeting Topic: Cold temperatures, frostbite,

Day activities consisted of excavating a portion of building footprint to approximately 6 feet.

Four loads of soil transported off-site to ESMI.

One load of crushed stone delivered to site.

No VOC or dust readings above alarm limits near excavation during digging or loading of trucks for ESMI.

Perimeter readings

Time	VOCs (ppm)	Dust (mg/m ³)
945	0.0	0.018
1015	0.0	0.003
10:45	0.0	0.006
11:15	0.0	0.011
11:45	0.0	0.008
12:15	0.0	0.014
12:45	0.0	0.008
13:15	0.0	0.014
13:45	0.0	0.014
14:15	0.0	0.007
14:45	0.0	0.004
15:00	0.0	0.011

1500 T Ford filling in bottom of excavation with crushed stone. No more excavating or moving soil today.

1530 IESI off-site



AIR MONITORING SHEET									
Client: Massachusetts Electric Company									
Project: 51 Commercial Street									
17-Dec-07									
Weather: 20 degrees, Sunny, moderate wind									
Action Level: 0.10 mg/m ³ above Upwind; VOCs: 5 ppm									
Notes:									
LOCATION: Up Wind				LOCATION: Down Wind				Handheld Perimeter Monitoring	
Meter: Mini-RAE 7600 (for volatiles)		Meter: MiniRAM (for dust)		Meter: Mini-RAE 7600 (for volatiles)		Meter: MiniRAM (for dust)		Meter: Mini-RAE 7600 (for volatiles)	Meter: Personal Data RAM (PDR1000AN) (for dust)
Time	Concentration (ppm)	Time	Concentration (mg/m ³)	Time	Concentration (ppm)	Time	Concentration (mg/m ³)	Concentration (ppm)	Concentration (mg/m ³)
9:32	0.0			9:13	0.0				
9:47	0.0	9:45	0.000	9:28	0.0				
10:02	0.0	10:00	0.000	9:43	0.0	9:45	0.015	0	0.018
10:17	0.0	10:15	0.000	9:58	0.0	10:00	0.014		
10:32	0.0	10:30	0.000	10:13	0.0	10:15	0.017	0	0.003
10:47	0.0			10:28	0.0	10:30	0.016		
11:02	0.0	11:00	0.000	10:43	0.0			0	0.006
11:17	0.0	11:15	0.000	10:58	0.0	11:00	0.019		
11:32	0.0	11:30	0.000	11:13	0.0	11:15	0.019	0	0.011
11:47	0.0	11:45	0.000	11:28	0.1	11:30	0.018		
12:02	0.0	12:00	0.000	11:43	0.1	11:45	0.019	0	0.008
12:17	0.0	12:15	0.000	11:58	0.1	12:00	0.019		
12:32	0.0	12:30	0.000	12:13	0.2	12:15	0.019	0	0.014
12:47	0.0			12:28	0.1	12:30	0.019		
13:02	0.0	13:00	0.000	12:43	0.1			0	0.008
13:17	0.0	13:15	0.000	12:58	0.1	13:00	0.017		
13:32	0.0	13:30	0.000	13:13	0.0	13:15	0.018	0	0.0014
13:47	0.0	13:45	0.000	13:28	0.1	13:30	0.020		
14:02	0.0	14:00	0.000	13:43	0.2	13:45	0.022	0	0.014
14:17	0.0	14:15	0.000	13:58	0.2	14:00	0.020		
14:32	0.0			14:13	0.3	14:15	0.020	0	0.007
14:47	0.0	14:45	0.000	14:28	0.3				
		15:00	0.000	14:43	0.3	14:45	0.019	0	0.004
						15:00	0.022	0	0.011



APPENDIX C

PHOTODOCUMENTATION



December 2007 – Driving wooden piles prior to excavation of building footprint



December 2007 - Excavation of building footprint showing installation of geotextile, peastone, and mud mat.



December 2007 – Gas Vent Layer complete



January 2007 – Piles cut down, Pile caps placed



January 2008 – Geotextile of 2nd gas venting layer



January 2008 – Peastone for 2nd gas venting layer



March 2008 – Bank building on right, remediation equipment shed in back



March 2008 – Bank building

APPENDIX D

COPIES OF FINAL BILLS OF LADING SUBMITTED TO DEP



Innovative Engineering Solutions, Inc.

25 Spring Street • Walpole, MA 02081 • (508) 668-0033 • fax (508) 668-5175

May 27, 2008

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

Subject: Bill of Lading Closure
Former Malden MGP Site
51 Commercial Street
Malden, Massachusetts
RTN 3-0362

Dear Sir/Madam:

Enclosed with this letter, please find the original Bill of Lading (BOL) Forms (BWSC-012A, B, and C) for the transport of 161.46 tons of soil from the referenced location. Innovative Engineering Solutions, Inc. (IESI) is providing Licensed Site Professional (LSP) services and has prepared this BOL on behalf of National Grid, the owner of the property.

The soils were managed as part of a Release Abatement Measure (RAM). The RAM was initiated on August 29, 2007 and the RAM Plan was submitted to the DEP on August 9, 2007. The soils were transported (under this BOL) to Environmental Soil Management, Inc. for thermal processing and recycling at their facility located in Loudon, New Hampshire.

We trust that the above information and the enclosed BOL are sufficient for your records. Should you have any questions or require further information, please contact me at (508) 668-0033, extension 231.

Very truly yours,
INNOVATIVE ENGINEERING SOLUTIONS, INC.

Michael Lotti, L.S.P.
Principal Geologist

Attachments:

Bill of Lading Form (Form BWSC-012A, 012B, 012C)

cc: Michele Leone



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC-012A

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number*

3 - 0362

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

Release Name (optional): Former Malden MGP Site

Street: 51 Commercial Street Location Aid: _____

City/Town: Malden ZIP Code: 02148

Date/Period of Generation: 10/31/07 to: _____

Additional Release Tracking Numbers Associated with this Bill of Lading: _____

* Note: If this Bill of Lading is the result of a Limited Removal Action (LRA) taken prior to Notification, a Release Tracking Number is not needed.

B. PERSON CONDUCTING RESPONSE ACTION ASSOCIATED WITH BILL OF LADING:

Name of Organization: National Grid

Name of Contact: Michele Leone Title: Lead Senior Environmental Engineer

Street: 25 Research Drive

City/Town: Westborough State: MA ZIP Code: 01582

Telephone: 508-389-4296 Ext.: _____

C. RELATIONSHIP TO RELEASE OF PERSON CONDUCTING RESPONSE ACTION ASSOCIATED WITH BILL OF LADING:

☒ RP or PRP Specify: ☒ Owner ☐ Operator ☐ Generator ☐ Transporter Other RP or PRP: _____

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

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

☐ Other Person: _____

If an owner and/or operator is not conducting the response action associated with the Bill of Lading, provide on an attachment the name, contact person, address and telephone number, including any area code and extension, for each, if known.

D. TRANSPORTER OR COMMON CARRIER INFORMATION:

Transporter/Common Carrier Name: Environmental Soil Management, Inc.

Contact Person: Steven Raper Title: Compliance Manager

Street: 67 International Drive

City/Town: Loudon State: NH ZIP Code: 03301

Telephone: (603) 783-0228 Ext.: _____

E. RECEIVING FACILITY/TEMPORARY STORAGE LOCATION:

Operator/Facility Name: Environmental Soil Management, Inc.

Contact Person: Steven Raper Title: Compliance Manager

Street: 67 International Drive

City/Town: Loudon State: NH ZIP Code: 03301

Telephone: (603) 783-0228 Ext.: _____

Type of Facility: (check one)
☐ Asphalt Batch/Cold Mix ☐ Landfill/Disposal ☐ Incinerator ☐ Temporary Storage
☐ Asphalt Batch/Hot Mix ☐ Landfill/Daily Cover ☐ Other: _____
☒ Thermal Processing ☐ Landfill/Structural Fill

EPA Identification #: NH5986485852

Division of Hazardous Waste/Class A Permit #: NA Division of Solid Waste Management Permit #: DESSWSP96002

Actual/Anticipated Period of Temporary Storage (specify dates if applicable): NA to: _____

Reason for Temporary Storage: _____



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC-012A

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number*

3 - 0362

E. RECEIVING FACILITY/TEMPORARY STORAGE LOCATION (continued) :

Temporary Storage Address:

Street: _____

City/Town: _____

State: _____

ZIP Code: _____

F. DESCRIPTION OF REMEDIATION WASTE:

(check all that apply)

- ☒ Contaminated Media (check all that apply): ☒ Soil ☐ Groundwater ☐ Surface Water ☐ Other: _____
- ☐ Contaminated Debris (check all that apply): ☐ Vegetation or Organic Debris ☐ Demolition/Construction Waste
- ☐ Inorganic Absorbent Materials ☐ Other: _____
- ☐ Non-hazardous Uncontainerized Waste (check all that apply): ☐ Non-aqueous Phase Liquid ☐ Other: _____
- ☐ Non-hazardous Containerized Waste (check all that apply): ☐ Tank Bottoms/Sludges ☐ Containers ☐ Drums
- ☐ Engineered Impoundments ☐ Other: _____

Type of Contamination (check all that apply): ☐ Gasoline ☐ Diesel Fuel ☐ #2 Oil ☐ #4 Oil ☐ #6 Oil ☐ Waste Oil

☐ Kerosene ☐ Jet Fuel ☒ Other: MGP type waste

Estimated Volume of Materials: Cubic Yards: _____ Tons: 2000 Other: _____

Contaminant Source (check one/specify): ☐ Transportation Accident ☐ Underground Storage Tank ☒ Other: Historic Fill

Response Action Associated with Bill of Lading (check one): ☐ Immediate Response Action ☒ Release Abatement Measure

☐ Utility-Related Abatement Measure ☐ Limited Removal Action (LRA) ☐ Comprehensive Response Action

Remediation Waste Characterization Support Documentation attached:

☐ Site History Information ☐ Sampling and Analytical Methods and Procedures ☒ Laboratory Data ☐ Field Screening Data

If supporting documentation is not appended, provide an attachment stating the date and in connection with what document such information was previously submitted to DEP.

G. LICENSED SITE PROFESSIONAL (LSP) OPINION:

Name of Organization: Innovative Engineering Solutions, Inc.

LSP Name: Michael S. Lotti

Title: Principal Geologist

Telephone: 508-668-0033

Ext.: 231

I attest under the pains and penalties of perjury that I have personally examined and am familiar with this submittal, 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
(iii) the provisions of 309 CMR 4.03(5),

to the best of my knowledge, information and belief, the assessment actions 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 the 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 substantially incomplete.

LSP Signature: _____

Seal: _____

Date: March 17, 2008

License Number: 4208





Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC-012A

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number*

3 - 0362

H. CERTIFICATION OF PERSON CONDUCTING RESPONSE ACTION ASSOCIATED WITH THIS BILL OF LADING:

I certify under penalties of law that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this certification, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained herein is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

Signature:

Date: March 17, 2008

Name of Person (print):

Michele V. Leone



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC-012B

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number

SUMMARY SHEET

OF

I. LOAD INFORMATION:

Load 1:

Date of Shipment:

3-29-08

Signature of Transporter Representative:

M. H. Lewis

Time of Shipment:

7:00



AM



PM

Truck/Tractor Registration:

1323AR

Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

ESM/A. Gagne

Date of Receipt:

3/29/08

Time of Receipt:

8:40



AM



PM

Load Size (cu. yds./tons):

22.36

Load 2:

Signature of Transporter Representative:

M. H. Lewis

Date of Shipment:

3-29-08

Time of Shipment:

11:00



AM



PM

Truck/Tractor Registration:

1323AR

Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

ESM/A. Gagne

Date of Receipt:

3/19/08

Time of Receipt:

12:43



AM



PM

Load Size (cu. yds./tons):

24.02

Load 3:

Signature of Transporter Representative:

M. H. Lewis

Date of Shipment:

3-20-08

Time of Shipment:

7:30



AM



PM

Truck/Tractor Registration:

1323AR

Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

ESM/A. Gagne

Date of Receipt:

3/20/08

Time of Receipt:

9:19



AM



PM

Load Size (cu. yds./tons):

20.19

Load 4:

Signature of Transporter Representative:

Date of Shipment:

Time of Shipment:



AM



PM

Truck/Tractor Registration:

Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt:

Time of Receipt:



AM



PM

Load Size (cu. yds./tons):

Load 5:

Signature of Transporter Representative:

Date of Shipment:

Time of Shipment:



AM



PM

Truck/Tractor Registration:

Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt:

Time of Receipt:



AM



PM

Load Size (cu. yds./tons):

Load 6:

Signature of Transporter Representative:

Date of Shipment:

Time of Shipment:



AM



PM

Truck/Tractor Registration:

Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt:

Time of Receipt:



AM



PM

Load Size (cu. yds./tons):

J. LOG SHEET VOLUME INFORMATION:

Total Volume Recorded This Page (cu. yds./tons):

Total Carried Forward (cu. yds./tons):

Total Carried Forward and This Page (cu. yds./tons):

066.57



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC-012B

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number

SUMMARY SHEET

OF

☐ - ☐

I. LOAD INFORMATION:

Load 1:

Date of Shipment:

3/19

Signature of Transporter Representative:

Time of Shipment:

750

☒ AM ☐ PM

Receiving Facility/Temporary Storage Representative:

Date of Receipt:

3/19/08

Time of Receipt:

9:43

☒ AM ☐ PM

Truck/Tractor Registration:

58578 ma

Trailer Registration (if any):

Load Size (cu. yds./tons):

26.06

Load 2:

Date of Shipment:

3/19

Signature of Transporter Representative:

Time of Shipment:

1150

☐ AM ☐ PM

Receiving Facility/Temporary Storage Representative:

Date of Receipt:

3/19/08

Time of Receipt:

1:28

☐ AM ☒ PM

Truck/Tractor Registration:

58578 ma

Trailer Registration (if any):

Load Size (cu. yds./tons):

34.04

Load 3:

Date of Shipment:

3/20

Signature of Transporter Representative:

Time of Shipment:

800

☒ AM ☐ PM

Receiving Facility/Temporary Storage Representative:

Date of Receipt:

3/20/08

Time of Receipt:

9:46

☒ AM ☐ PM

Truck/Tractor Registration:

58578 ma

Trailer Registration (if any):

Load Size (cu. yds./tons):

21.41

Load 4:

Date of Shipment:

3/20

Signature of Transporter Representative:

Time of Shipment:

110

☐ AM ☒ PM

Receiving Facility/Temporary Storage Representative:

Date of Receipt:

3/20/08

Time of Receipt:

2:04

☐ AM ☒ PM

Truck/Tractor Registration:

58578 ma

Trailer Registration (if any):

Load Size (cu. yds./tons):

23.38

Load 5:

Date of Shipment:

Time of Shipment:

☐ AM ☐ PM

Receiving Facility/Temporary Storage Representative:

Date of Receipt:

Time of Receipt:

☐ AM ☐ PM

Truck/Tractor Registration:

Trailer Registration (if any):

Load Size (cu. yds./tons):

Load 6:

Date of Shipment:

Time of Shipment:

☐ AM ☐ PM

Receiving Facility/Temporary Storage Representative:

Date of Receipt:

Time of Receipt:

☐ AM ☐ PM

Truck/Tractor Registration:

Trailer Registration (if any):

Load Size (cu. yds./tons):

J. LOG SHEET VOLUME INFORMATION:

Total Volume Recorded This Page (cu. yds./tons):

Total Carried Forward (cu. yds./tons):

Total Carried Forward and This Page (cu. yds./tons):

94.89



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC-012C

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number

SUMMARY SHEET

☐ - ☐

ONLY COMPLETE ONE COPY OF THIS PAGE AND ATTACH TO THE FINAL COPY OF THE SUMMARY SHEET.

L. ACKNOWLEDGMENT OF RECEIPT OF REMEDIATION WASTE AT RECEIVING FACILITY OR TEMPORARY STORAGE:

Receiving Facility/Temporary Storage Representative (print):

ESM Angela Gagne

Title:

Office Manager

Signature:

[Handwritten Signature]

Date:

3-24-08

M. ACKNOWLEDGMENT OF SHIPMENT AND RECEIPT OF REMEDIATION WASTE BY PERSON
CONDUCTING RESPONSE ACTION ASSOCIATED WITH THIS BILL OF LADING:

I certify under penalties of law that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this certification, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained herein is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties, including, but not limited to possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

Signature:

[Handwritten Signature]

Date:

04/21/2008

Name of Person (print):

MICHELE LEONE



Innovative Engineering Solutions, Inc.

25 Spring Street • Walpole, MA 02081 • (508) 668-0033 • fax (508) 668-5175

February 26, 2008

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

Subject: Bill of Lading Closure
Former Malden MGP Site
51 Commercial Street
Malden, Massachusetts
RTN 3-0362

Dear Sir/Madam:

Enclosed with this letter, please find the original Bill of Lading (BOL) Forms (BWSC-012A, B, and C) for the transport of 44.22 tons of soil from the referenced location. Innovative Engineering Solutions, Inc. (IESI) is providing Licensed Site Professional (LSP) services and has prepared this BOL on behalf of National Grid, the owner of the property.

The soils were managed as part of a Release Abatement Measure (RAM). The RAM was initiated on August 29, 2007 and the RAM Plan was submitted to the DEP on August 9, 2007. The soils were transported (under this BOL) to Environmental Soil Management, Inc. for thermal processing and recycling at their facility located in Loudon, New Hampshire.

We trust that the above information and the enclosed BOL are sufficient for your records. Should you have any questions or require further information, please contact me at (508) 668-0033, extension 231.

Very truly yours,
INNOVATIVE ENGINEERING SOLUTIONS, INC.

Michael Lotti, L.S.P.
Principal Geologist

Attachments:

Bill of Lading Form (Form BWSC-012A, 012B, 012C)

cc: Michele Leone



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC-012A

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number*

3 - 0362

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

Release Name (optional): Former Malden MGP Site

Street: 51 Commercial Street

Location Aid: _____

City/Town: Malden

ZIP Code: 02148

Date/Period of Generation: 10/31/07 to: _____

Additional Release Tracking Numbers Associated with this Bill of Lading: _____

* Note: If this Bill of Lading is the result of a Limited Removal Action (LRA) taken prior to Notification, a Release Tracking Number is not needed.

B. PERSON CONDUCTING RESPONSE ACTION ASSOCIATED WITH BILL OF LADING:

Name of Organization: National Grid

Name of Contact: Michele Leone

Title: Lead Senior Environmental Engineer

Street: 25 Research Drive

City/Town: Westborough

State: MA

ZIP Code: 01582

Telephone: 508-389-4296

Ext.: _____

C. RELATIONSHIP TO RELEASE OF PERSON CONDUCTING RESPONSE ACTION ASSOCIATED WITH BILL OF LADING:

☒ RP or PRP Specify: ☒ Owner ☐ Operator ☐ Generator ☐ Transporter Other RP or PRP: _____

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

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

☐ Other Person: _____

If an owner and/or operator is not conducting the response action associated with the Bill of Lading, provide on an attachment the name, contact person, address and telephone number, including any area code and extension, for each, if known.

D. TRANSPORTER OR COMMON CARRIER INFORMATION:

Transporter/Common Carrier Name: Environmental Soil Management, Inc.

Contact Person: Steven Raper

Title: Compliance Manager

Street: 67 International Drive

City/Town: Loudon

State: NH

ZIP Code: 03301

Telephone: (603) 783-0228

Ext.: _____

E. RECEIVING FACILITY/TEMPORARY STORAGE LOCATION:

Operator/Facility Name: Environmental Soil Management, Inc.

Contact Person: Steven Raper

Title: Compliance Manager

Street: 67 International Drive

City/Town: Loudon

State: NH

ZIP Code: 03301

Telephone: (603) 783-0228

Ext.: _____

Type of Facility:
(check one) ☐ Asphalt Batch/Cold Mix

☐ Landfill/Disposal

☐ Incinerator

☐ Temporary Storage

☐ Asphalt Batch/Hot Mix

☐ Landfill/Daily Cover

☐ Other: _____

☒ Thermal Processing

☐ Landfill/Structural Fill

EPA Identification #: NH5986485852

Division of Hazardous Waste/Class A Permit #: NA

Division of Solid Waste Management Permit #: DESSWSP96002

Actual/Anticipated Period of Temporary Storage (specify dates if applicable): NA

to: _____

Reason for Temporary Storage: _____



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC-012A

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number*

3 - 0362

E. RECEIVING FACILITY/TEMPORARY STORAGE LOCATION (continued) :

Temporary Storage Address:

Street: _____

City/Town: _____

State: _____

ZIP Code: _____

F. DESCRIPTION OF REMEDIATION WASTE:

(check all that apply)

- ☒ Contaminated Media (check all that apply): ☒ Soil ☐ Groundwater ☐ Surface Water ☐ Other: _____
- ☐ Contaminated Debris (check all that apply): ☐ Vegetation or Organic Debris ☐ Demolition/Construction Waste
☐ Inorganic Absorbant Materials ☐ Other: _____
- ☐ Non-hazardous Uncontainerized Waste (check all that apply): ☐ Non-aqueous Phase Liquid ☐ Other: _____
- ☐ Non-hazardous Containerized Waste (check all that apply): ☐ Tank Bottoms/Sludges ☐ Containers ☐ Drums
☐ Engineered Impoundments ☐ Other: _____

Type of Contamination (check all that apply): ☐ Gasoline ☐ Diesel Fuel ☐ #2 Oil ☐ #4 Oil ☐ #6 Oil ☐ Waste Oil
☐ Kerosene ☐ Jet Fuel ☒ Other: MGP type waste

Estimated Volume of Materials: Cubic Yards: _____ Tons: 2000 Other: _____

Contaminant Source (check one/specify): ☐ Transportation Accident ☐ Underground Storage Tank ☒ Other: Historic Fill

Response Action Associated with Bill of Lading (check one): ☐ Immediate Response Action ☒ Release Abatement Measure
☐ Utility-Related Abatement Measure ☐ Limited Removal Action (LRA) ☐ Comprehensive Response Action

Remediation Waste Characterization Support Documentation attached:

☐ Site History Information ☐ Sampling and Analytical Methods and Procedures ☒ Laboratory Data ☐ Field Screening Data

If supporting documentation is not appended, provide an attachment stating the date and in connection with what document such information was previously submitted to DEP.

G. LICENSED SITE PROFESSIONAL (LSP) OPINION:

Name of Organization: Innovative Engineering Solutions, Inc.

LSP Name: Michael S. Lotti Title: Principal Geologist

Telephone: 508-668-0033 Ext.: 231

I attest under the pains and penalties of perjury that I have personally examined and am familiar with this submittal, 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
(iii) the provisions of 309 CMR 4.03(5),

to the best of my knowledge, information and belief, the assessment actions 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 the 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.

LSP Signature:

Seal:

Date: January 25, 2008

License Number: 4208





Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC-012A

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number*

3 - 0362

H. CERTIFICATION OF PERSON CONDUCTING RESPONSE ACTION ASSOCIATED WITH THIS BILL OF LADING:

I certify under penalties of law that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this certification, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained herein is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

Signature: _____

Michele V. Leone

Date: January 25, 2008

Name of Person (print): _____

Michele V. Leone



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC-012B

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number

SUMMARY SHEET _____ OF _____

3 - 0362

I. LOAD INFORMATION:	
Load 1:	Signature of Transporter Representative: <i>[Signature]</i>
Date of Shipment: 1/28/2008	Time of Shipment: 1020 ☒ AM ☐ PM
Truck/Tractor Registration: 58578ma	Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative: <i>[Signature]</i>	
Date of Receipt: 1/28/08	
Time of Receipt: 12:00 ☐ AM ☒ PM	
Load Size (cu. yds./tons): 20.94	
Load 2:	Signature of Transporter Representative: <i>[Signature]</i>
Date of Shipment: 1/28/08	Time of Shipment: 215 ☐ AM ☒ PM
Truck/Tractor Registration: 58578ma	Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative: <i>[Signature]</i>	
Date of Receipt: 1/28/08	
Time of Receipt: 4:00 ☐ AM ☒ PM	
Load Size (cu. yds./tons): 23.28	
Load 3:	Signature of Transporter Representative:
Date of Shipment:	Time of Shipment: ☐ AM ☐ PM
Truck/Tractor Registration:	Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:	
Date of Receipt:	
Time of Receipt: ☐ AM ☐ PM	
Load Size (cu. yds./tons):	
Load 4:	Signature of Transporter Representative:
Date of Shipment:	Time of Shipment: ☐ AM ☐ PM
Truck/Tractor Registration:	Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:	
Date of Receipt:	
Time of Receipt: ☐ AM ☐ PM	
Load Size (cu. yds./tons):	
Load 5:	Signature of Transporter Representative:
Date of Shipment:	Time of Shipment: ☐ AM ☐ PM
Truck/Tractor Registration:	Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:	
Date of Receipt:	
Time of Receipt: ☐ AM ☐ PM	
Load Size (cu. yds./tons):	
Load 6:	Signature of Transporter Representative:
Date of Shipment:	Time of Shipment: ☐ AM ☐ PM
Truck/Tractor Registration:	Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative:	
Date of Receipt:	
Time of Receipt: ☐ AM ☐ PM	
Load Size (cu. yds./tons):	
J. LOG SHEET VOLUME INFORMATION:	
Total Volume Recorded This Page (cu. yds./tons): 44.22	
Total Carried Forward (cu. yds./tons):	
Total Carried Forward and This Page (cu. yds./tons):	



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC-012C

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number

SUMMARY SHEET

3 - 0362

ONLY COMPLETE ONE COPY OF THIS PAGE AND ATTACH TO THE FINAL COPY OF THE SUMMARY SHEET.

L. ACKNOWLEDGMENT OF RECEIPT OF REMEDIATION WASTE AT RECEIVING FACILITY OR TEMPORARY STORAGE:

Receiving Facility/Temporary Storage Representative (print):

Shirley Angela Cagne

Title:

Office Manager

Signature:

Shirley Angela Cagne

Date:

2-1-2008

M. ACKNOWLEDGMENT OF SHIPMENT AND RECEIPT OF REMEDIATION WASTE BY PERSON
CONDUCTING RESPONSE ACTION ASSOCIATED WITH THIS BILL OF LADING:

I certify under penalties of law that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this certification, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in herein is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

Signature:

Michele Ledne

Date:

02/25/2008

Name of Person (print):

MICHELE LEDNE



Innovative Engineering Solutions, Inc.

25 Spring Street • Walpole, MA 02081 • (508) 668-0033 • fax (508) 668-5175

January 18, 2008

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

Subject: Bill of Lading Closure
Former Malden MGP Site
51 Commercial Street
Malden, Massachusetts
RTN 3-0362

Dear Sir/Madam:

Enclosed with this letter, please find the original Bill of Lading (BOL) Forms (BWSC-012A, B, and C) for the transport of 2,134.31 tons of soil from the referenced location. Innovative Engineering Solutions, Inc. (IESI) is providing Licensed Site Professional (LSP) services and has prepared this BOL on behalf of National Grid, the owner of the property.

The soils were managed as part of a Release Abatement Measure (RAM). The RAM was initiated on August 29, 2007 and the RAM Plan was submitted to the DEP on August 9, 2007. The soils were transported (under this BOL) to Environmental Soil Management, Inc. for thermal processing and recycling at their facility located in Loudon, New Hampshire.

We trust that the above information and the enclosed BOL are sufficient for your records. Should you have any questions or require further information, please contact me at (508) 668-0033, extension 231.

Very truly yours,
INNOVATIVE ENGINEERING SOLUTIONS, INC.

Michael Lotti, L.S.P.
Principal Geologist

Attachments:

Bill of Lading Form (Form BWSC-012A, 012B, 012C)

cc: Michele Leone



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC-012A

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number*

3 - 0362

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

Release Name (optional): Former Malden MGP Site

Street: 51 Commercial Street

Location Aid: _____

City/Town: Malden

ZIP Code: 02148

Date/Period of Generation: 10/31/07 to: _____

Additional Release Tracking Numbers Associated with this Bill of Lading: _____

* Note: If this Bill of Lading is the result of a Limited Removal Action (LRA) taken prior to Notification, a Release Tracking Number is not needed.

B. PERSON CONDUCTING RESPONSE ACTION ASSOCIATED WITH BILL OF LADING:

Name of Organization: National Grid

Name of Contact: Michele Leone

Title: Lead Senior Environmental Engineer

Street: 25 Research Drive

City/Town: Westborough

State: MA

ZIP Code: 01582

Telephone: 508-389-4296

Ext.: _____

C. RELATIONSHIP TO RELEASE OF PERSON CONDUCTING RESPONSE ACTION ASSOCIATED WITH BILL OF LADING:

☒ RP or PRP Specify: ☒ Owner ☐ Operator ☐ Generator ☐ Transporter Other RP or PRP: _____

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

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

☐ Other Person: _____

If an owner and/or operator is not conducting the response action associated with the Bill of Lading, provide on an attachment the name, contact person, address and telephone number, including any area code and extension, for each, if known.

D. TRANSPORTER OR COMMON CARRIER INFORMATION:

Transporter/Common Carrier Name: Environmental Soil Management, Inc.

Contact Person: Steven Raper

Title: Compliance Manager

Street: 67 International Drive

City/Town: Loudon

State: NH

ZIP Code: 03301

Telephone: (603) 783-0228

Ext.: _____

E. RECEIVING FACILITY/TEMPORARY STORAGE LOCATION:

Operator/Facility Name: Environmental Soil Management, Inc.

Contact Person: Steven Raper

Title: Compliance Manager

Street: 67 International Drive

City/Town: Loudon

State: NH

ZIP Code: 03301

Telephone: (603) 783-0228

Ext.: _____

Type of Facility:
(check one)

☐ Asphalt Batch/Cold Mix

☐ Landfill/Disposal

☐ Incinerator

☐ Temporary Storage

☐ Asphalt Batch/Hot Mix

☐ Landfill/Daily Cover

☐ Other: _____

☒ Thermal Processing

☐ Landfill/Structural Fill

EPA Identification #: NH5986485852

Division of Hazardous Waste/Class A Permit #: NA

Division of Solid Waste Management Permit #: DESSWSP96002

Actual/Anticipated Period of Temporary Storage (specify dates if applicable): NA to: _____

Reason for Temporary Storage: _____



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC-012A

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number*

3 - 0362

E. RECEIVING FACILITY/TEMPORARY STORAGE LOCATION (continued) :

Temporary Storage Address:

Street: _____

City/Town: _____

State: _____

ZIP Code: _____

F. DESCRIPTION OF REMEDIATION WASTE:

(check all that apply)

- ☒ Contaminated Media (check all that apply): ☒ Soil ☐ Groundwater ☐ Surface Water ☐ Other: _____
- ☐ Contaminated Debris (check all that apply): ☐ Vegetation or Organic Debris ☐ Demolition/Construction Waste
☐ Inorganic Absorbent Materials ☐ Other: _____
- ☐ Non-hazardous Uncontainerized Waste (check all that apply): ☐ Non-aqueous Phase Liquid ☐ Other: _____
- ☐ Non-hazardous Containerized Waste (check all that apply): ☐ Tank Bottoms/Sludges ☐ Containers ☐ Drums
☐ Engineered Impoundments ☐ Other: _____

Type of Contamination (check all that apply): ☐ Gasoline ☐ Diesel Fuel ☐ #2 Oil ☐ #4 Oil ☐ #6 Oil ☐ Waste Oil
☐ Kerosene ☐ Jet Fuel ☒ Other: MGP type waste

Estimated Volume of Materials: Cubic Yards: _____ Tons: 2000 Other: _____

Contaminant Source (check one/specify): ☐ Transportation Accident ☐ Underground Storage Tank ☒ Other: Historic Fill

Response Action Associated with Bill of Lading (check one): ☐ Immediate Response Action ☒ Release Abatement Measure
☐ Utility-Related Abatement Measure ☐ Limited Removal Action (LRA) ☐ Comprehensive Response Action

Remediation Waste Characterization Support Documentation attached:

☐ Site History Information ☐ Sampling and Analytical Methods and Procedures ☒ Laboratory Data ☐ Field Screening Data

If supporting documentation is not appended, provide an attachment stating the date and in connection with what document such information was previously submitted to DEP.

G. LICENSED SITE PROFESSIONAL (LSP) OPINION:

Name of Organization: Innovative Engineering Solutions, Inc.

LSP Name: Michael S. Lotti Title: Principal Geologist

Telephone: 508-668-0033 Ext.: 231

I attest under the pains and penalties of perjury that I have personally examined and am familiar with this submittal, 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
(iii) the provisions of 309 CMR 4.03(5),

to the best of my knowledge, information and belief, the assessment actions 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 the 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.

LSP Signature: _____

Seal:

Date: November 5, 2007

License Number: 4208





Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC-012A

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number*

3

0362

H. CERTIFICATION OF PERSON CONDUCTING RESPONSE ACTION ASSOCIATED WITH THIS BILL OF LADING:

I certify under penalties of law that I have personally examined and am familiar with the Information contained in this submittal, including any and all documents accompanying this certification, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained herein is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

Signature:

Date: November 5, 2007

Name of Person (print):

Michele V. Leone



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC-012B

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number

SUMMARY SHEET _____ **OF** _____

3-0362

I. LOAD INFORMATION:		Signature of Transporter Representative:		Receiving Facility/Temporary Storage Representative:	
Load 1:		<i>Eddie Finkel</i>		<i>ESM / ACEAGNY</i>	
Date of Shipment:	Time of Shipment:			Date of Receipt:	Time of Receipt:
11/9/07	7:00 ☒ AM ☐ PM			11/9/07	8:08 ☐ AM ☐ PM
Truck/Tractor Registration:	Trailer Registration (if any):				
PR2774PK	T139016				
				Load Size (cu. yds./tons):	38.48
Load 2:		<i>Eddie Finkel</i>		<i>ESM / ACEAGNY</i>	
Date of Shipment:	Time of Shipment:			Date of Receipt:	Time of Receipt:
11/9/07	10:35 ☒ AM ☐ PM			11/9/07	12:03 ☐ AM ☒ PM
Truck/Tractor Registration:	Trailer Registration (if any):				
PR2774PK	T139016				
				Load Size (cu. yds./tons):	38.36
Load 3:					
Date of Shipment:	Time of Shipment:			Date of Receipt:	Time of Receipt:
	☐ AM ☐ PM				☐ AM ☐ PM
Truck/Tractor Registration:	Trailer Registration (if any):				
				Load Size (cu. yds./tons):	
Load 4:					
Date of Shipment:	Time of Shipment:			Date of Receipt:	Time of Receipt:
	☐ AM ☐ PM				☐ AM ☐ PM
Truck/Tractor Registration:	Trailer Registration (if any):				
				Load Size (cu. yds./tons):	
Load 5:					
Date of Shipment:	Time of Shipment:			Date of Receipt:	Time of Receipt:
	☐ AM ☐ PM				☐ AM ☐ PM
Truck/Tractor Registration:	Trailer Registration (if any):				
				Load Size (cu. yds./tons):	
Load 6:					
Date of Shipment:	Time of Shipment:			Date of Receipt:	Time of Receipt:
	☐ AM ☐ PM				☐ AM ☐ PM
Truck/Tractor Registration:	Trailer Registration (if any):				
				Load Size (cu. yds./tons):	

J. LOG SHEET VOLUME INFORMATION:

Total Volume Recorded This Page (cu. yds./tons)

Total Carried Forward (cu. yds./tons):

Total Carried Forward and This Page (cu. yds./tons):

76.84



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC-012B

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number

SUMMARY SHEET

OF

3 - 0362

I. LOAD INFORMATION:

Signature of Transporter Representative:
Load 1:
Date of Shipment: 11-9-07
Time of Shipment:
Truck/Tractor Registration: 35054PUN
Trailer Registration (if any): T22784

Receiving Facility/Temporary Storage Representative:
Date of Receipt: 11/9/07
Time of Receipt: 8:58 AM
Load Size (cu. yds./tons): 37.00

Signature of Transporter Representative:
Load 2:
Date of Shipment: 11-9-07
Time of Shipment:
Truck/Tractor Registration: 35054PUN
Trailer Registration (if any): T22784

Receiving Facility/Temporary Storage Representative:
Date of Receipt: 11/9/07
Time of Receipt: 12:57 PM
Load Size (cu. yds./tons): 35.40

Signature of Transporter Representative:
Load 3:
Date of Shipment:
Time of Shipment:
Truck/Tractor Registration:
Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:
Date of Receipt:
Time of Receipt:
Load Size (cu. yds./tons):

Signature of Transporter Representative:
Load 4:
Date of Shipment:
Time of Shipment:
Truck/Tractor Registration:
Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:
Date of Receipt:
Time of Receipt:
Load Size (cu. yds./tons):

Signature of Transporter Representative:
Load 5:
Date of Shipment:
Time of Shipment:
Truck/Tractor Registration:
Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:
Date of Receipt:
Time of Receipt:
Load Size (cu. yds./tons):

Signature of Transporter Representative:
Load 6:
Date of Shipment:
Time of Shipment:
Truck/Tractor Registration:
Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:
Date of Receipt:
Time of Receipt:
Load Size (cu. yds./tons):

J. LOG SHEET VOLUME INFORMATION:

Total Volume Recorded This Page (cu. yds./tons): 072.40
Total Carried Forward (cu. yds./tons):
Total Carried Forward and This Page (cu. yds./tons):



Massachusetts Department of Environmental Protection
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Release Tracking Number

SUMMARY SHEET

OF

3 - 0362

I. LOAD INFORMATION:	
Load 1: Date of Shipment: 11/9/07 Truck/Tractor Registration: 58772MA Signature of Transporter Representative: [Signature] Time of Shipment: ☐ AM ☐ PM Trailer Registration (if any): 69784MA	Receiving Facility/Temporary Storage Representative: ESM/K Smith Date of Receipt: 11/09/07 Time of Receipt: 9:07 ☒ AM ☐ PM Load Size (cu. yds./tons): 35.61
Load 2: Date of Shipment: 11/9/07 Truck/Tractor Registration: 55870MA Signature of Transporter Representative: [Signature] Time of Shipment: ☐ AM ☐ PM Trailer Registration (if any): 69784MA	Receiving Facility/Temporary Storage Representative: ESM/A. Coagno Date of Receipt: 11/9/07 Time of Receipt: 12:53 ☐ AM ☒ PM Load Size (cu. yds./tons): 34.94
Load 3: Date of Shipment: Truck/Tractor Registration: Signature of Transporter Representative: Time of Shipment: ☐ AM ☐ PM Trailer Registration (if any):	Receiving Facility/Temporary Storage Representative: Date of Receipt: Time of Receipt: ☐ AM ☐ PM Load Size (cu. yds./tons):
Load 4: Date of Shipment: Truck/Tractor Registration: Signature of Transporter Representative: Time of Shipment: ☐ AM ☐ PM Trailer Registration (if any):	Receiving Facility/Temporary Storage Representative: Date of Receipt: Time of Receipt: ☐ AM ☐ PM Load Size (cu. yds./tons):
Load 5: Date of Shipment: Truck/Tractor Registration: Signature of Transporter Representative: Time of Shipment: ☐ AM ☐ PM Trailer Registration (if any):	Receiving Facility/Temporary Storage Representative: Date of Receipt: Time of Receipt: ☐ AM ☐ PM Load Size (cu. yds./tons):
Load 6: Date of Shipment: Truck/Tractor Registration: Signature of Transporter Representative: Time of Shipment: ☐ AM ☐ PM Trailer Registration (if any):	Receiving Facility/Temporary Storage Representative: Date of Receipt: Time of Receipt: ☐ AM ☐ PM Load Size (cu. yds./tons):
J. LOG SHEET VOLUME INFORMATION:	
Total Volume Recorded This Page (cu. yds./tons): 70.55	
Total Carried Forward (cu. yds./tons):	
Total Carried Forward and This Page (cu. yds./tons):	



Massachusetts Department of Environmental Protection
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BWSC-012B

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number

SUMMARY SHEET _____ OF _____

3 - 0362

I. LOAD INFORMATION:

Load 1: Signature of Transporter Representative: *[Signature]*

Date of Shipment: 11-13-07 Time of Shipment: ☐ AM ☐ PM

Truck/Tractor Registration: 3505APWH Trailer Registration (if any): T27784

Receiving Facility/Temporary Storage Representative: *ESM/ACoag*

Date of Receipt: 11/13/07 Time of Receipt: 8:21 ☒ AM ☐ PM

Load Size (cu. yds./tons): 39.69

Load 2: Signature of Transporter Representative: *[Signature]*

Date of Shipment: 11-13-07 Time of Shipment: ☐ AM ☐ PM

Truck/Tractor Registration: 3505APWH Trailer Registration (if any): T27784

Receiving Facility/Temporary Storage Representative: *ESM/ACoag*

Date of Receipt: 11/13/07 Time of Receipt: 12:30 ☐ AM ☒ PM

Load Size (cu. yds./tons): 38.21

Load 3: Signature of Transporter Representative:

Date of Shipment: Time of Shipment: ☐ AM ☐ PM

Truck/Tractor Registration: Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: Time of Receipt: ☐ AM ☐ PM

Load Size (cu. yds./tons):

Load 4: Signature of Transporter Representative:

Date of Shipment: Time of Shipment: ☐ AM ☐ PM

Truck/Tractor Registration: Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: Time of Receipt: ☐ AM ☐ PM

Load Size (cu. yds./tons):

Load 5: Signature of Transporter Representative:

Date of Shipment: Time of Shipment: ☐ AM ☐ PM

Truck/Tractor Registration: Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: Time of Receipt: ☐ AM ☐ PM

Load Size (cu. yds./tons):

Load 6: Signature of Transporter Representative:

Date of Shipment: Time of Shipment: ☐ AM ☐ PM

Truck/Tractor Registration: Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: Time of Receipt: ☐ AM ☐ PM

Load Size (cu. yds./tons):

J. LOG SHEET VOLUME INFORMATION:

Total Volume Recorded This Page (cu. yds./tons): 77.90
Total Carried Forward (cu. yds./tons):
Total Carried Forward and This Page (cu. yds./tons):



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

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BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number

SUMMARY SHEET _____ OF _____

3 - 0362

I. LOAD INFORMATION:		Signature of Transporter Representative:		Receiving Facility/Temporary Storage Representative:	
Load 1:				<i>ESM / Alcaigne</i>	
Date of Shipment:	Time of Shipment:			Date of Receipt:	Time of Receipt:
11/13/07		☐ AM ☐ PM		11/13/07	8:30 ☒ AM ☐ PM
Truck/Tractor Registration:	Trailer Registration (if any):			Load Size (cu. yds./tons):	
55872MA	69784MA			36.92	
Load 2:				<i>ESM / Alcaigne</i>	
Date of Shipment:	Time of Shipment:			Date of Receipt:	Time of Receipt:
11/13/07		☐ AM ☐ PM		11/13/07	12:47 ☐ AM ☒ PM
Truck/Tractor Registration:	Trailer Registration (if any):			Load Size (cu. yds./tons):	
55872MA	69784MA			35.93	
Load 3:				<i>ESM / Alcaigne</i>	
Date of Shipment:	Time of Shipment:			Date of Receipt:	Time of Receipt:
11/16/07		☐ AM ☐ PM		11/16/07	8:46 ☒ AM ☐ PM
Truck/Tractor Registration:	Trailer Registration (if any):			Load Size (cu. yds./tons):	
55872MA	69784MA			35.14	
Load 4:				<i>ESM / Alcaigne</i>	
Date of Shipment:	Time of Shipment:			Date of Receipt:	Time of Receipt:
11/16/07		☐ AM ☐ PM		11/16/07	10:43 ☐ AM ☒ PM
Truck/Tractor Registration:	Trailer Registration (if any):			Load Size (cu. yds./tons):	
55872MA	69784MA			37.30	
Load 5:					
Date of Shipment:	Time of Shipment:			Date of Receipt:	Time of Receipt:
		☐ AM ☐ PM			☐ AM ☐ PM
Truck/Tractor Registration:	Trailer Registration (if any):			Load Size (cu. yds./tons):	
Load 6:					
Date of Shipment:	Time of Shipment:			Date of Receipt:	Time of Receipt:
		☐ AM ☐ PM			☐ AM ☐ PM
Truck/Tractor Registration:	Trailer Registration (if any):			Load Size (cu. yds./tons):	
J. LOG SHEET VOLUME INFORMATION:		Total Volume Recorded This Page (cu. yds./tons): 145.29			
		Total Carried Forward (cu. yds./tons):			
		Total Carried Forward and This Page (cu. yds./tons):			



Massachusetts Department of Environmental Protection
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BWSC-012B

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number

SUMMARY SHEET _____ **OF** _____

3 - **0362**

I. LOAD INFORMATION:	
Load 1: Signature of Transporter Representative: <i>Eddie Ford</i> Date of Shipment: <i>11/13/07</i> Truck/Tractor Registration: <i>AK2774ML</i> Time of Shipment: <i>8:00</i> ☒ AM ☐ PM Trailer Registration (if any): <i>T139016</i>	Receiving Facility/Temporary Storage Representative: <i>ESM ACoag</i> Date of Receipt: <i>11/13/07</i> Load Size (cu. yds./tons): <i>39.94</i> Time of Receipt: <i>9:23</i> ☒ AM ☐ PM
Load 2: Signature of Transporter Representative: <i>Eddie Ford</i> Date of Shipment: <i>11/13/07</i> Truck/Tractor Registration: <i>AK2774ML</i> Time of Shipment: <i>12:00</i> ☐ AM ☒ PM Trailer Registration (if any): <i>T139016</i>	Receiving Facility/Temporary Storage Representative: <i>ESM ACoag</i> Date of Receipt: <i>11/13/07</i> Load Size (cu. yds./tons): <i>40.72</i> Time of Receipt: <i>1:27</i> ☐ AM ☒ PM
Load 3: Signature of Transporter Representative: Date of Shipment: Truck/Tractor Registration: Time of Shipment: Trailer Registration (if any):	Receiving Facility/Temporary Storage Representative: Date of Receipt: Load Size (cu. yds./tons): Time of Receipt: ☐ AM ☐ PM
Load 4: Signature of Transporter Representative: Date of Shipment: Truck/Tractor Registration: Time of Shipment: Trailer Registration (if any):	Receiving Facility/Temporary Storage Representative: Date of Receipt: Load Size (cu. yds./tons): Time of Receipt: ☐ AM ☐ PM
Load 5: Signature of Transporter Representative: Date of Shipment: Truck/Tractor Registration: Time of Shipment: Trailer Registration (if any):	Receiving Facility/Temporary Storage Representative: Date of Receipt: Load Size (cu. yds./tons): Time of Receipt: ☐ AM ☐ PM
Load 6: Signature of Transporter Representative: Date of Shipment: Truck/Tractor Registration: Time of Shipment: Trailer Registration (if any):	Receiving Facility/Temporary Storage Representative: Date of Receipt: Load Size (cu. yds./tons): Time of Receipt: ☐ AM ☐ PM
J. LOG SHEET VOLUME INFORMATION:	
Total Volume Recorded This Page (cu. yds./tons): <i>80.66</i>	
Total Carried Forward (cu. yds./tons):	
Total Carried Forward and This Page (cu. yds./tons):	



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC-012B

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number

SUMMARY SHEET

OF

3 - 0362

I. LOAD INFORMATION:

Signature of Transporter Representative:

Load 1:

Date of Shipment:

11/16/07

Time of Shipment:

☒ AM ☐ PM

Truck/Tractor Registration:

4673A~

Trailer Registration (if any):

T152505

Receiving Facility/Temporary Storage Representative:

ESM / A Coagno

Date of Receipt:

11/16/07

Time of Receipt:

8:25

☒ AM ☐ PM

Load Size (cu. yds./tons):

35.25

Load 2:

Signature of Transporter Representative:

Date of Shipment:

11/16/07

Time of Shipment:

☒ AM ☐ PM

Truck/Tractor Registration:

4673A~

Trailer Registration (if any):

T152505

Receiving Facility/Temporary Storage Representative:

ESM / A Coagno

Date of Receipt:

11/16/07

Time of Receipt:

12:13

☐ AM ☒ PM

Load Size (cu. yds./tons):

35.15

Load 3:

Signature of Transporter Representative:

Date of Shipment:

Time of Shipment:

☐ AM ☐ PM

Truck/Tractor Registration:

Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt:

Time of Receipt:

☐ AM ☐ PM

Load Size (cu. yds./tons):

Load 4:

Signature of Transporter Representative:

Date of Shipment:

Time of Shipment:

☐ AM ☐ PM

Truck/Tractor Registration:

Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt:

Time of Receipt:

☐ AM ☐ PM

Load Size (cu. yds./tons):

Load 5:

Signature of Transporter Representative:

Date of Shipment:

Time of Shipment:

☐ AM ☐ PM

Truck/Tractor Registration:

Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt:

Time of Receipt:

☐ AM ☐ PM

Load Size (cu. yds./tons):

Load 6:

Signature of Transporter Representative:

Date of Shipment:

Time of Shipment:

☐ AM ☐ PM

Truck/Tractor Registration:

Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt:

Time of Receipt:

☐ AM ☐ PM

Load Size (cu. yds./tons):

J. LOG SHEET VOLUME INFORMATION:

Total Volume Recorded This Page (cu. yds./tons):

Total Carried Forward (cu. yds./tons):

Total Carried Forward and This Page (cu. yds./tons):

70.40



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC-012B

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number

SUMMARY SHEET _____ OF _____

3-0362

I. LOAD INFORMATION:		Signature of Transporter Representative:		Receiving Facility/Temporary Storage Representative:	
Load 1:	<i>J. Warr</i>			<i>ESM. (A. Coaguel)</i>	
Date of Shipment:	11-16-07	Time of Shipment:	☐ AM ☐ PM	Date of Receipt:	11/16/07
Truck/Tractor Registration:	55873 MA	Trailer Registration (if any):	41877 MA	Time of Receipt:	8:37 ☒ AM ☐ PM
				Load Size (cu. yds./tons):	37.04
Load 2:	<i>J. Warr</i>			<i>ESM. (A. Coaguel)</i>	
Date of Shipment:	11-16-07	Time of Shipment:	☐ AM ☐ PM	Date of Receipt:	11/16/07
Truck/Tractor Registration:	55872 MA	Trailer Registration (if any):	41877 MA	Time of Receipt:	12:39 ☐ AM ☒ PM
				Load Size (cu. yds./tons):	34.76
Load 3:					
Date of Shipment:		Time of Shipment:	☐ AM ☐ PM	Date of Receipt:	
Truck/Tractor Registration:		Trailer Registration (if any):		Time of Receipt:	☐ AM ☐ PM
				Load Size (cu. yds./tons):	
Load 4:					
Date of Shipment:		Time of Shipment:	☐ AM ☐ PM	Date of Receipt:	
Truck/Tractor Registration:		Trailer Registration (if any):		Time of Receipt:	☐ AM ☐ PM
				Load Size (cu. yds./tons):	
Load 5:					
Date of Shipment:		Time of Shipment:	☐ AM ☐ PM	Date of Receipt:	
Truck/Tractor Registration:		Trailer Registration (if any):		Time of Receipt:	☐ AM ☐ PM
				Load Size (cu. yds./tons):	
Load 6:					
Date of Shipment:		Time of Shipment:	☐ AM ☐ PM	Date of Receipt:	
Truck/Tractor Registration:		Trailer Registration (if any):		Time of Receipt:	☐ AM ☐ PM
				Load Size (cu. yds./tons):	
J. LOG SHEET VOLUME INFORMATION:		Total Volume Recorded This Page (cu. yds./tons): 71.80			
		Total Carried Forward (cu. yds./tons):			
		Total Carried Forward and This Page (cu. yds./tons):			



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

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BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number

SUMMARY SHEET

OF

3 - 0362

I. LOAD INFORMATION:

Signature of Transporter Representative:

Receiving Facility/Temporary Storage Representative:

Load 1:

Date of Shipment:

Time of Shipment:

Date of Receipt:

Time of Receipt:

11/21/07

7:25

☒ AM ☐ PM

11/21/07

8:26

☒ AM ☐ PM

Truck/Tractor Registration:

Trailer Registration (if any):

Load Size (cu. yds./tons):

AR2774 MA

T139016

42.96

Load 2:

Signature of Transporter Representative:

Receiving Facility/Temporary Storage Representative:

Date of Shipment:

Time of Shipment:

☐ AM ☐ PM

Date of Receipt:

Time of Receipt:

☐ AM ☐ PM

Truck/Tractor Registration:

Trailer Registration (if any):

Load Size (cu. yds./tons):

Load 3:

Signature of Transporter Representative:

Receiving Facility/Temporary Storage Representative:

Date of Shipment:

Time of Shipment:

☐ AM ☐ PM

Date of Receipt:

Time of Receipt:

☐ AM ☐ PM

Truck/Tractor Registration:

Trailer Registration (if any):

Load Size (cu. yds./tons):

Load 4:

Signature of Transporter Representative:

Receiving Facility/Temporary Storage Representative:

Date of Shipment:

Time of Shipment:

☐ AM ☐ PM

Date of Receipt:

Time of Receipt:

☐ AM ☐ PM

Truck/Tractor Registration:

Trailer Registration (if any):

Load Size (cu. yds./tons):

Load 5:

Signature of Transporter Representative:

Receiving Facility/Temporary Storage Representative:

Date of Shipment:

Time of Shipment:

☐ AM ☐ PM

Date of Receipt:

Time of Receipt:

☐ AM ☐ PM

Truck/Tractor Registration:

Trailer Registration (if any):

Load Size (cu. yds./tons):

Load 6:

Signature of Transporter Representative:

Receiving Facility/Temporary Storage Representative:

Date of Shipment:

Time of Shipment:

☐ AM ☐ PM

Date of Receipt:

Time of Receipt:

☐ AM ☐ PM

Truck/Tractor Registration:

Trailer Registration (if any):

Load Size (cu. yds./tons):

J. LOG SHEET VOLUME INFORMATION:

Total Volume Recorded This Page (cu. yds./tons):

Total Carried Forward (cu. yds./tons):

Total Carried Forward and This Page (cu. yds./tons):

42.96



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

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BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number

SUMMARY SHEET _____ **OF** _____

3 - 0362

I. LOAD INFORMATION:		Signature of Transporter Representative:		Receiving Facility/Temporary Storage Representative:	
Load 1:					
Date of Shipment:	11/21/07	Time of Shipment:	☐ AM ☐ PM	Date of Receipt:	11/21/07
Truck/Tractor Registration:	5597CMA	Trailer Registration (if any):	6978CMA	Time of Receipt:	9:01 ☒ AM ☐ PM
				Load Size (cu. yds./tons):	37.63
Load 2:					
Date of Shipment:	11/21/07	Time of Shipment:	☐ AM ☐ PM	Date of Receipt:	11/21/07
Truck/Tractor Registration:	5597CMA	Trailer Registration (if any):	6978CMA	Time of Receipt:	10:45 ☐ AM ☒ PM
				Load Size (cu. yds./tons):	38.43
Load 3:					
Date of Shipment:		Time of Shipment:	☐ AM ☐ PM	Date of Receipt:	
Truck/Tractor Registration:		Trailer Registration (if any):		Time of Receipt:	☐ AM ☐ PM
				Load Size (cu. yds./tons):	
Load 4:					
Date of Shipment:		Time of Shipment:	☐ AM ☐ PM	Date of Receipt:	
Truck/Tractor Registration:		Trailer Registration (if any):		Time of Receipt:	☐ AM ☐ PM
				Load Size (cu. yds./tons):	
Load 5:					
Date of Shipment:		Time of Shipment:	☐ AM ☐ PM	Date of Receipt:	
Truck/Tractor Registration:		Trailer Registration (if any):		Time of Receipt:	☐ AM ☐ PM
				Load Size (cu. yds./tons):	
Load 6:					
Date of Shipment:		Time of Shipment:	☐ AM ☐ PM	Date of Receipt:	
Truck/Tractor Registration:		Trailer Registration (if any):		Time of Receipt:	☐ AM ☐ PM
				Load Size (cu. yds./tons):	
J. LOG SHEET VOLUME INFORMATION:		Total Volume Recorded This Page (cu. yds./tons): 76.06			
		Total Carried Forward (cu. yds./tons):			
		Total Carried Forward and This Page (cu. yds./tons):			



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC-012B

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number

SUMMARY SHEET _____ OF _____

3 - 0362

I. LOAD INFORMATION:		Signature of Transporter Representative:		Receiving Facility/Temporary Storage Representative:	
Load 1:	<i>[Signature]</i>	Date of Shipment:	Time of Shipment:	Date of Receipt:	Time of Receipt:
		11-21-07		11/21/07	9:18
			☐ AM ☐ PM		☒ AM ☐ PM
Truck/Tractor Registration:	Trailer Registration (if any):				
55873 MA	41877 MA				
				Load Size (cu. yds./tons):	37.94
Load 2:	Signature of Transporter Representative:	Date of Shipment:	Time of Shipment:	Date of Receipt:	Time of Receipt:
			☐ AM ☐ PM		☐ AM ☐ PM
Truck/Tractor Registration:	Trailer Registration (if any):				
				Load Size (cu. yds./tons):	
Load 3:	Signature of Transporter Representative:	Date of Shipment:	Time of Shipment:	Date of Receipt:	Time of Receipt:
			☐ AM ☐ PM		☐ AM ☐ PM
Truck/Tractor Registration:	Trailer Registration (if any):				
				Load Size (cu. yds./tons):	
Load 4:	Signature of Transporter Representative:	Date of Shipment:	Time of Shipment:	Date of Receipt:	Time of Receipt:
			☐ AM ☐ PM		☐ AM ☐ PM
Truck/Tractor Registration:	Trailer Registration (if any):				
				Load Size (cu. yds./tons):	
Load 5:	Signature of Transporter Representative:	Date of Shipment:	Time of Shipment:	Date of Receipt:	Time of Receipt:
			☐ AM ☐ PM		☐ AM ☐ PM
Truck/Tractor Registration:	Trailer Registration (if any):				
				Load Size (cu. yds./tons):	
Load 6:	Signature of Transporter Representative:	Date of Shipment:	Time of Shipment:	Date of Receipt:	Time of Receipt:
			☐ AM ☐ PM		☐ AM ☐ PM
Truck/Tractor Registration:	Trailer Registration (if any):				
				Load Size (cu. yds./tons):	

J. LOG SHEET VOLUME INFORMATION:

Total Volume Recorded This Page (cu. yds./tons): 37.94
Total Carried Forward (cu. yds./tons):
Total Carried Forward and This Page (cu. yds./tons):



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC-012B

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number

SUMMARY SHEET _____ OF _____

I. LOAD INFORMATION:

Load 1:

Date of Shipment:

12-17-07

Truck/Tractor Registration:

JAKES

Signature of Transporter Representative:

J. Weeks

Time of Shipment:

☒ AM ☐ PM

Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

ESM / A. Cagne

Date of Receipt:

12/17/07

Time of Receipt:

10:30

☐ AM ☒ PM

Load Size (cu. yds./tons):

23.21

Load 2:

Date of Shipment:

12-17-07

Truck/Tractor Registration:

JAKES

Signature of Transporter Representative:

J. Weeks

Time of Shipment:

☐ AM ☒ PM

Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

ESM / A. Cagne

Date of Receipt:

12/17/07

Time of Receipt:

4:00

☐ AM ☒ PM

Load Size (cu. yds./tons):

24.10

Load 3:

Date of Shipment:

12-18-07

Truck/Tractor Registration:

JAKES

Signature of Transporter Representative:

J. Weeks

Time of Shipment:

☒ AM ☐ PM

Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

ESM / A. Cagne

Date of Receipt:

12/18/07

Time of Receipt:

8:19

☒ AM ☐ PM

Load Size (cu. yds./tons):

22.27

Load 4:

Date of Shipment:

12-18-07

Truck/Tractor Registration:

JAKES

Signature of Transporter Representative:

J. Weeks

Time of Shipment:

☐ AM ☒ PM

Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

ESM / A. Cagne

Date of Receipt:

12/18/07

Time of Receipt:

10:06

☐ AM ☒ PM

Load Size (cu. yds./tons):

22.75

Load 5:

Date of Shipment:

Time of Shipment:

☐ AM ☐ PM

Truck/Tractor Registration:

Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt:

Time of Receipt:

☐ AM ☐ PM

Load Size (cu. yds./tons):

Load 6:

Date of Shipment:

Time of Shipment:

☐ AM ☐ PM

Truck/Tractor Registration:

Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt:

Time of Receipt:

☐ AM ☐ PM

Load Size (cu. yds./tons):

J. LOG SHEET VOLUME INFORMATION:

Total Volume Recorded This Page (cu. yds./tons):

92.33

Total Carried Forward (cu. yds./tons):

Total Carried Forward and This Page (cu. yds./tons):



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC-012B

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number

SUMMARY SHEET

OF

I. LOAD INFORMATION:	
Load 1: Date of Shipment: 12-17-07 Truck/Tractor Registration: 1323AR	Signature of Transporter Representative: <i>Mike Howls</i> Time of Shipment: 11:00 ☒ AM ☐ PM Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative: <i>ESM/Alegre</i> Date of Receipt: 12/17/07 Time of Receipt: 7:20 ☐ AM ☒ PM Load Size (cu. yds./tons): 22.14	
Load 2: Date of Shipment: 12-17-07 Truck/Tractor Registration: 1323AR	Signature of Transporter Representative: <i>Mike Howls</i> Time of Shipment: 2:45 ☐ AM ☒ PM Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative: <i>ESM/Alegre</i> Date of Receipt: 12/17/07 Time of Receipt: 4:22 ☐ AM ☒ PM Load Size (cu. yds./tons): 22.12	
Load 3: Date of Shipment: 12-18-07 Truck/Tractor Registration: 1323AR	Signature of Transporter Representative: <i>Mike Howls</i> Time of Shipment: 7:00 ☒ AM ☐ PM Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative: <i>ESM/Alegre</i> Date of Receipt: 12/18/07 Time of Receipt: 8:23 ☒ AM ☐ PM Load Size (cu. yds./tons): 20.41	
Load 4: Date of Shipment: 12-18 Truck/Tractor Registration: 1323AR	Signature of Transporter Representative: <i>Mike Howls</i> Time of Shipment: 10:45 ☒ AM ☐ PM Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative: <i>ESM/Alegre</i> Date of Receipt: 12/18/07 Time of Receipt: 10:29 ☐ AM ☒ PM Load Size (cu. yds./tons): 21.66	
Load 5: Date of Shipment: 12-19-07 Truck/Tractor Registration: 1323AR	Signature of Transporter Representative: <i>Mike Howls</i> Time of Shipment: 7:15 ☒ AM ☐ PM Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative: <i>ESM/KSm.4</i> Date of Receipt: 12/19/07 Time of Receipt: 8:51 ☒ AM ☐ PM Load Size (cu. yds./tons): 22.48	
Load 6: Date of Shipment: 12-19-07 Truck/Tractor Registration: 1323AR	Signature of Transporter Representative: <i>Mike Howls</i> Time of Shipment: 11:50 ☒ AM ☐ PM Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative: <i>ESM/Alegre</i> Date of Receipt: 12/19/07 Time of Receipt: 1:23 ☒ AM ☐ PM Load Size (cu. yds./tons): 24.15	

J. LOG SHEET VOLUME INFORMATION:

Total Volume Recorded This Page (cu. yds./tons):

Total Carried Forward (cu. yds./tons):

Total Carried Forward and This Page (cu. yds./tons):

132.99



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC-012B

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number

SUMMARY SHEET _____ OF _____

3 - 0362

I. LOAD INFORMATION:		Signature of Transporter Representative:	Receiving Facility/Temporary Storage Representative:
Load 1:	Signature of Transporter Representative:		ESM/Acagne
Date of Shipment:	Time of Shipment:	12-18-07 ☐ AM ☐ PM	Date of Receipt: 12/18/07 Time of Receipt: 7:59 ☒ AM ☐ PM
Truck/Tractor Registration:	Trailer Registration (if any):	3505APUH T27784	Load Size (cu. yds./tons): 36.68
Load 2:	Signature of Transporter Representative:		ESM/Acagne
Date of Shipment:	Time of Shipment:	12-18-07 ☐ AM ☐ PM	Date of Receipt: 12/18/07 Time of Receipt: 12:16 ☐ AM ☒ PM
Truck/Tractor Registration:	Trailer Registration (if any):	3505APUH T27784	Load Size (cu. yds./tons): 39.34
Load 3:	Signature of Transporter Representative:		ESM/KSM
Date of Shipment:	Time of Shipment:	12-19-07 ☐ AM ☐ PM	Date of Receipt: 12/19/07 Time of Receipt: 7:56 ☒ AM ☐ PM
Truck/Tractor Registration:	Trailer Registration (if any):	3505APUH T27784	Load Size (cu. yds./tons): 36.49
Load 4:	Signature of Transporter Representative:		ESM/Acagne
Date of Shipment:	Time of Shipment:	12-19-07 ☐ AM ☐ PM	Date of Receipt: 12/19/07 Time of Receipt: 12:26 ☐ AM ☒ PM
Truck/Tractor Registration:	Trailer Registration (if any):	3505APUH T27784	Load Size (cu. yds./tons): 41.10
Load 5:	Signature of Transporter Representative:		ESM/Acagne
Date of Shipment:	Time of Shipment:	12-20-07 ☐ AM ☐ PM	Date of Receipt: 12/20/07 Time of Receipt: 8:34 ☒ AM ☐ PM
Truck/Tractor Registration:	Trailer Registration (if any):	3505APUH T27784	Load Size (cu. yds./tons): 35.77
Load 6:	Signature of Transporter Representative:		ESM/Acagne
Date of Shipment:	Time of Shipment:	12-21-07 ☐ AM ☐ PM	Date of Receipt: 12/21/07 Time of Receipt: 8:21 ☒ AM ☐ PM
Truck/Tractor Registration:	Trailer Registration (if any):	3505APUH T27784	Load Size (cu. yds./tons): 37.05

J. LOG SHEET VOLUME INFORMATION:

Total Volume Recorded This Page (cu. yds./tons): 226.43
Total Carried Forward (cu. yds./tons):
Total Carried Forward and This Page (cu. yds./tons):



Massachusetts Department of Environmental Protection
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BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number

SUMMARY SHEET _____ **OF** _____

3 - **0362**

I. LOAD INFORMATION:	
Load 1: Date of Shipment: <i>12/18/07</i> Truck/Tractor Registration: <i>SPYDA</i>	Signature of Transporter Representative: <i>[Signature]</i> Time of Shipment: <i>7 15</i> ☒ AM ☐ PM Trailer Registration (if any): <i>WEBB</i>
Receiving Facility/Temporary Storage Representative: <i>ESMI / A Coagno</i> Date of Receipt: <i>12/18/07</i> Time of Receipt: <i>5:35</i> ☒ AM ☐ PM Load Size (cu. yds./tons): <i>35.85</i>	
Load 2: Date of Shipment: <i>12/18/07</i> Truck/Tractor Registration: <i>SPYDA</i>	Signature of Transporter Representative: <i>[Signature]</i> Time of Shipment: <i>10 40</i> ☒ AM ☐ PM Trailer Registration (if any): <i>WEBB</i>
Receiving Facility/Temporary Storage Representative: <i>ESMI / A Coagno</i> Date of Receipt: <i>12/18/07</i> Time of Receipt: <i>12:10</i> ☐ AM ☒ PM Load Size (cu. yds./tons): <i>36.80</i>	
Load 3: Date of Shipment: <i>12/19/07</i> Truck/Tractor Registration: <i>SPYDA</i>	Signature of Transporter Representative: <i>[Signature]</i> Time of Shipment: <i>6 25</i> ☒ AM ☐ PM Trailer Registration (if any): <i>WEBB</i>
Receiving Facility/Temporary Storage Representative: <i>ESMI / K Smith</i> Date of Receipt: <i>12/19/07</i> Time of Receipt: <i>8:08</i> ☒ AM ☐ PM Load Size (cu. yds./tons): <i>35.69</i>	
Load 4: Date of Shipment: <i>12/19/07</i> Truck/Tractor Registration: <i>SPYDA</i>	Signature of Transporter Representative: <i>[Signature]</i> Time of Shipment: <i>10 40</i> ☒ AM ☐ PM Trailer Registration (if any): <i>WEBB</i>
Receiving Facility/Temporary Storage Representative: <i>ESMI / A Coagno</i> Date of Receipt: <i>12/19/07</i> Time of Receipt: <i>12:28</i> ☐ AM ☒ PM Load Size (cu. yds./tons): <i>39.74</i>	
Load 5: Date of Shipment: Truck/Tractor Registration:	Signature of Transporter Representative: Time of Shipment: ☐ AM ☐ PM Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative: Date of Receipt: Time of Receipt: ☐ AM ☐ PM Load Size (cu. yds./tons):	
Load 6: Date of Shipment: Truck/Tractor Registration:	Signature of Transporter Representative: Time of Shipment: ☐ AM ☐ PM Trailer Registration (if any):
Receiving Facility/Temporary Storage Representative: Date of Receipt: Time of Receipt: ☐ AM ☐ PM Load Size (cu. yds./tons):	
J. LOG SHEET VOLUME INFORMATION:	
Total Volume Recorded This Page (cu. yds./tons): <i>0148.10</i>	
Total Carried Forward (cu. yds./tons):	
Total Carried Forward and This Page (cu. yds./tons):	



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC-012B

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number

SUMMARY SHEET _____ **OF** _____

3 - **0362**

I. LOAD INFORMATION:		Receiving Facility/Temporary Storage Representative:	
Load 1: Signature of Transporter Representative: <i>[Signature]</i> Date of Shipment: 12/18/07 Time of Shipment: ☐ AM ☐ PM Truck/Tractor Registration: AR6542 Trailer Registration (if any): 7132114		<i>[Signature]</i> Date of Receipt: 12/18/07 Time of Receipt: 1:49 ☐ AM ☒ PM Load Size (cu. yds./tons): 31.52	
Load 2: Signature of Transporter Representative: <i>[Signature]</i> Date of Shipment: 12/19/07 Time of Shipment: ☐ AM ☐ PM Truck/Tractor Registration: AR6542 Trailer Registration (if any): 7132114		<i>[Signature]</i> Date of Receipt: 12/19/07 Time of Receipt: 2:05 ☐ AM ☒ PM Load Size (cu. yds./tons): 32.14	
Load 3: Signature of Transporter Representative: <i>[Signature]</i> Date of Shipment: 12/21/07 Time of Shipment: ☐ AM ☐ PM Truck/Tractor Registration: AR6542 Trailer Registration (if any): 7132114		<i>[Signature]</i> Date of Receipt: 12/21/07 Time of Receipt: 9:46 ☒ AM ☐ PM Load Size (cu. yds./tons): 31.18	
Load 4: Signature of Transporter Representative: Date of Shipment: Time of Shipment: ☐ AM ☐ PM Truck/Tractor Registration: Trailer Registration (if any):		Receiving Facility/Temporary Storage Representative: Date of Receipt: Time of Receipt: ☐ AM ☐ PM Load Size (cu. yds./tons):	
Load 5: Signature of Transporter Representative: Date of Shipment: Time of Shipment: ☐ AM ☐ PM Truck/Tractor Registration: Trailer Registration (if any):		Receiving Facility/Temporary Storage Representative: Date of Receipt: Time of Receipt: ☐ AM ☐ PM Load Size (cu. yds./tons):	
Load 6: Signature of Transporter Representative: Date of Shipment: Time of Shipment: ☐ AM ☐ PM Truck/Tractor Registration: Trailer Registration (if any):		Receiving Facility/Temporary Storage Representative: Date of Receipt: Time of Receipt: ☐ AM ☐ PM Load Size (cu. yds./tons):	
J. LOG SHEET VOLUME INFORMATION:		Total Volume Recorded This Page (cu. yds./tons): 94.84 Total Carried Forward (cu. yds./tons): Total Carried Forward and This Page (cu. yds./tons):	



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC-012B

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number

SUMMARY SHEET _____ OF _____

I. LOAD INFORMATION:

Load 1:

Date of Shipment:

12/18/07

Truck/Tractor Registration:

4673AN

Signature of Transporter Representative:

Time of Shipment:

☐ AM ☒ PM

Trailer Registration (if any):

T152505

Receiving Facility/Temporary Storage Representative:

Date of Receipt:

12/18/07

Load Size (cu. yds./tons):

Time of Receipt:

1:40

☐ AM ☒ PM

37.46

Load 2:

Date of Shipment:

12/19/07

Truck/Tractor Registration:

4673AN

Signature of Transporter Representative:

Time of Shipment:

☐ AM ☒ PM

Trailer Registration (if any):

T152505

Receiving Facility/Temporary Storage Representative:

Date of Receipt:

12/19/07

Load Size (cu. yds./tons):

Time of Receipt:

2:00

☐ AM ☒ PM

32.40

Load 3:

Date of Shipment:

12/21/07

Truck/Tractor Registration:

4673AN

Signature of Transporter Representative:

Time of Shipment:

☐ AM ☒ PM

Trailer Registration (if any):

T152505

Receiving Facility/Temporary Storage Representative:

Date of Receipt:

12/21/07

Load Size (cu. yds./tons):

Time of Receipt:

10:08

☐ AM ☒ PM

23.45

Load 4:

Date of Shipment:

Time of Shipment:

☐ AM ☐ PM

Truck/Tractor Registration:

Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt:

Time of Receipt:

☐ AM ☐ PM

Load Size (cu. yds./tons):

Load 5:

Signature of Transporter Representative:

Date of Shipment:

Time of Shipment:

☐ AM ☐ PM

Truck/Tractor Registration:

Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt:

Time of Receipt:

☐ AM ☐ PM

Load Size (cu. yds./tons):

Load 6:

Signature of Transporter Representative:

Date of Shipment:

Time of Shipment:

☐ AM ☐ PM

Truck/Tractor Registration:

Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt:

Time of Receipt:

☐ AM ☐ PM

Load Size (cu. yds./tons):

J. LOG SHEET VOLUME INFORMATION:

Total Volume Recorded This Page (cu. yds./tons):

Total Carried Forward (cu. yds./tons):

Total Carried Forward and This Page (cu. yds./tons):

093.31



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC-012B

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number

SUMMARY SHEET _____ OF _____

-

I. LOAD INFORMATION:		Signature of Transporter Representative:		Receiving Facility/Temporary Storage Representative:	
Load 1:					
Date of Shipment: 12/18/07	Time of Shipment: ☐ AM ☐ PM	Truck/Tractor Registration: 55872ma	Trailer Registration (if any): 69784ma	Date of Receipt: 12/18/07	Time of Receipt: 1:52 ☐ AM ☒ PM
				Load Size (cu. yds./tons):	33.77
Load 2:					
Date of Shipment: 12/19/07	Time of Shipment: ☐ AM ☐ PM	Truck/Tractor Registration: 55872ma	Trailer Registration (if any): 69784ma	Date of Receipt: 12/19/07	Time of Receipt: 1:05 ☐ AM ☒ PM
				Load Size (cu. yds./tons):	37.44
Load 3:					
Date of Shipment: 12/21/07	Time of Shipment: ☐ AM ☐ PM	Truck/Tractor Registration: 55872ma	Trailer Registration (if any): 69784ma	Date of Receipt: 12/21/07	Time of Receipt: 8:52 ☒ AM ☐ PM
				Load Size (cu. yds./tons):	35.82
Load 4:					
Date of Shipment:	Time of Shipment: ☐ AM ☐ PM	Truck/Tractor Registration:	Trailer Registration (if any):	Date of Receipt:	Time of Receipt: ☐ AM ☐ PM
				Load Size (cu. yds./tons):	
Load 5:					
Date of Shipment:	Time of Shipment: ☐ AM ☐ PM	Truck/Tractor Registration:	Trailer Registration (if any):	Date of Receipt:	Time of Receipt: ☐ AM ☐ PM
				Load Size (cu. yds./tons):	
Load 6:					
Date of Shipment:	Time of Shipment: ☐ AM ☐ PM	Truck/Tractor Registration:	Trailer Registration (if any):	Date of Receipt:	Time of Receipt: ☐ AM ☐ PM
				Load Size (cu. yds./tons):	
J. LOG SHEET VOLUME INFORMATION:		Total Volume Recorded This Page (cu. yds./tons): 107.03			
		Total Carried Forward (cu. yds./tons):			
		Total Carried Forward and This Page (cu. yds./tons):			



Massachusetts Department of Environmental Protection
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Release Tracking Number

SUMMARY SHEET _____ OF _____

I. LOAD INFORMATION:		Signature of Transporter Representative:	Receiving Facility/Temporary Storage Representative:
Load 1:		<i>Eddie Ford</i>	<i>ESM: / A. Coates</i>
Date of Shipment:	Time of Shipment:	Date of Receipt:	Time of Receipt:
12/18/07	11:40 ☒ AM ☐ PM	12/18/07	2:05 ☐ AM ☒ PM
Truck/Tractor Registration:	Trailer Registration (if any):	Load Size (cu. yds./tons):	
AR2774N6	T139016	36.73	
Load 2:		<i>Eddie Ford</i>	<i>ESM / K. Smith</i>
Date of Shipment:	Time of Shipment:	Date of Receipt:	Time of Receipt:
<i>Eddie Ford</i>	7:10 ☒ AM ☐ PM	12/19/07	8:27 ☒ AM ☐ PM
Truck/Tractor Registration:	Trailer Registration (if any):	Load Size (cu. yds./tons):	
AR2774N6	T139016	39.61	
Load 3:		<i>Eddie Ford</i>	<i>ESM / A. Coates</i>
Date of Shipment:	Time of Shipment:	Date of Receipt:	Time of Receipt:
12/19/07	11:15 ☒ AM ☐ PM	12/19/07	10:46 ☐ AM ☒ PM
Truck/Tractor Registration:	Trailer Registration (if any):	Load Size (cu. yds./tons):	
AR2774N6	T139016	39.24	
Load 4:		<i>Eddie Ford</i>	<i>ESM / A. Coates</i>
Date of Shipment:	Time of Shipment:	Date of Receipt:	Time of Receipt:
12/20/07	6:45 ☒ AM ☐ PM	12/20/07	8:44 ☒ AM ☐ PM
Truck/Tractor Registration:	Trailer Registration (if any):	Load Size (cu. yds./tons):	
AR2774N6	T139016	33.08	
Load 5:		<i>Amy V. Mon</i>	<i>ESM / A. Coates</i>
Date of Shipment:	Time of Shipment:	Date of Receipt:	Time of Receipt:
12/21/07	7:15 ☒ AM ☐ PM	12/21/07	10:07 ☒ AM ☐ PM
Truck/Tractor Registration:	Trailer Registration (if any):	Load Size (cu. yds./tons):	
AR2774N6	T139016	41.28	
Load 6:			
Date of Shipment:	Time of Shipment:	Date of Receipt:	Time of Receipt:
	☐ AM ☐ PM		☐ AM ☐ PM
Truck/Tractor Registration:	Trailer Registration (if any):	Load Size (cu. yds./tons):	

J. LOG SHEET VOLUME INFORMATION:

Total Volume Recorded This Page (cu. yds./tons)

Total Carried Forward (cu. yds./tons):

Total Carried Forward and This Page (cu. yds./tons):



Massachusetts Department of Environmental Protection
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BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number

SUMMARY SHEET _____ OF _____

I. LOAD INFORMATION:

Load 1:

Date of Shipment:

12-18-07

Time of Shipment:

☐ AM ☐ PM

Truck/Tractor Registration:

55873

Trailer Registration (if any):

41877

Receiving Facility/Temporary Storage Representative:

ESM/A Cagne

Date of Receipt:

12/18/07

Time of Receipt:

1:09

☐ AM ☒ PM

Load Size (cu. yds./tons):

36.35

Load 2:

Date of Shipment:

12-19-07

Time of Shipment:

☐ AM ☐ PM

Truck/Tractor Registration:

55877

Trailer Registration (if any):

41877

Receiving Facility/Temporary Storage Representative:

ESM/A Cagne

Date of Receipt:

12/19/07

Time of Receipt:

1:11

☐ AM ☒ PM

Load Size (cu. yds./tons):

38.72

Load 3:

Date of Shipment:

12-21-07

Time of Shipment:

☐ AM ☐ PM

Truck/Tractor Registration:

55873

Trailer Registration (if any):

41877

Receiving Facility/Temporary Storage Representative:

ESM/A Cagne

Date of Receipt:

12/21/07

Time of Receipt:

8:39

☒ AM ☐ PM

Load Size (cu. yds./tons):

35.86

Load 4:

Date of Shipment:

Time of Shipment:

☐ AM ☐ PM

Truck/Tractor Registration:

Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt:

Time of Receipt:

☐ AM ☐ PM

Load Size (cu. yds./tons):

Load 5:

Date of Shipment:

Time of Shipment:

☐ AM ☐ PM

Truck/Tractor Registration:

Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt:

Time of Receipt:

☐ AM ☐ PM

Load Size (cu. yds./tons):

Load 6:

Date of Shipment:

Time of Shipment:

☐ AM ☐ PM

Truck/Tractor Registration:

Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt:

Time of Receipt:

☐ AM ☐ PM

Load Size (cu. yds./tons):

J. LOG SHEET VOLUME INFORMATION:

Total Volume Recorded This Page (cu. yds./tons):

Total Carried Forward (cu. yds./tons):

Total Carried Forward and This Page (cu. yds./tons):

110.93



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC-012B

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number

SUMMARY SHEET

OF

I. LOAD INFORMATION:

Load 1:

Date of Shipment:

12-20-07

Signature of Transporter Representative:

M. L. Howard

Time of Shipment:

7:20 AM

☒ AM

☐ PM

Truck/Tractor Registration:

1323AR

Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

ESM / Alcaque

Date of Receipt:

12/20/07

Time of Receipt:

9:39

☒ AM

☐ PM

Load Size (cu. yds./tons):

20.93

Load 2:

Signature of Transporter Representative:

Receiving Facility/Temporary Storage Representative:

Date of Shipment:

Time of Shipment:

☐ AM

☐ PM

Date of Receipt:

Time of Receipt:

☐ AM

☐ PM

Truck/Tractor Registration:

Trailer Registration (if any):

Load Size (cu. yds./tons):

Load 3:

Signature of Transporter Representative:

Receiving Facility/Temporary Storage Representative:

Date of Shipment:

Time of Shipment:

☐ AM

☐ PM

Date of Receipt:

Time of Receipt:

☐ AM

☐ PM

Truck/Tractor Registration:

Trailer Registration (if any):

Load Size (cu. yds./tons):

Load 4:

Signature of Transporter Representative:

Receiving Facility/Temporary Storage Representative:

Date of Shipment:

Time of Shipment:

☐ AM

☐ PM

Date of Receipt:

Time of Receipt:

☐ AM

☐ PM

Truck/Tractor Registration:

Trailer Registration (if any):

Load Size (cu. yds./tons):

Load 5:

Signature of Transporter Representative:

Receiving Facility/Temporary Storage Representative:

Date of Shipment:

Time of Shipment:

☐ AM

☐ PM

Date of Receipt:

Time of Receipt:

☐ AM

☐ PM

Truck/Tractor Registration:

Trailer Registration (if any):

Load Size (cu. yds./tons):

Load 6:

Signature of Transporter Representative:

Receiving Facility/Temporary Storage Representative:

Date of Shipment:

Time of Shipment:

☐ AM

☐ PM

Date of Receipt:

Time of Receipt:

☐ AM

☐ PM

Truck/Tractor Registration:

Trailer Registration (if any):

Load Size (cu. yds./tons):

J. LOG SHEET VOLUME INFORMATION:

Total Volume Recorded This Page (cu. yds./tons):

Total Carried Forward (cu. yds./tons):

Total Carried Forward and This Page (cu. yds./tons):

20.93

Mystic # 28

 Massachusetts Department of Environmental Protection Bureau of Waste Site Cleanup		BWSC-012B	
BILL OF LADING (pursuant to 310 CMR 40.0030) SUMMARY SHEET _____ OF _____		Release Tracking Number ☐ - ☐	
I. LOAD INFORMATION: Load 1: Date of Shipment: 12/21/07 Truck/Tractor Registration: 42506 Trailer Registration (if any): 83958		Signature of Transporter Representative: <i>[Signature]</i> Time of Shipment: ☐ AM ☐ PM Receiving Facility/Temporary Storage Representative: <i>[Signature]</i> Date of Receipt: 12/21/07 Time of Receipt: 10:44 ☒ AM ☐ PM Load Size (cu. yds./tons): 17.1	
Load 2: Date of Shipment: _____ Truck/Tractor Registration: _____ Trailer Registration (if any): _____		Signature of Transporter Representative: _____ Time of Shipment: ☐ AM ☐ PM Receiving Facility/Temporary Storage Representative: _____ Date of Receipt: _____ Time of Receipt: ☐ AM ☐ PM Load Size (cu. yds./tons): _____	
Load 3: Date of Shipment: _____ Truck/Tractor Registration: _____ Trailer Registration (if any): _____		Signature of Transporter Representative: _____ Time of Shipment: ☐ AM ☐ PM Receiving Facility/Temporary Storage Representative: _____ Date of Receipt: _____ Time of Receipt: ☐ AM ☐ PM Load Size (cu. yds./tons): _____	
Load 4: Date of Shipment: _____ Truck/Tractor Registration: _____ Trailer Registration (if any): _____		Signature of Transporter Representative: _____ Time of Shipment: ☐ AM ☐ PM Receiving Facility/Temporary Storage Representative: _____ Date of Receipt: _____ Time of Receipt: ☐ AM ☐ PM Load Size (cu. yds./tons): _____	
Load 5: Date of Shipment: _____ Truck/Tractor Registration: _____ Trailer Registration (if any): _____		Signature of Transporter Representative: _____ Time of Shipment: ☐ AM ☐ PM Receiving Facility/Temporary Storage Representative: _____ Date of Receipt: _____ Time of Receipt: ☐ AM ☐ PM Load Size (cu. yds./tons): _____	
Load 6: Date of Shipment: _____ Truck/Tractor Registration: _____ Trailer Registration (if any): _____		Signature of Transporter Representative: _____ Time of Shipment: ☐ AM ☐ PM Receiving Facility/Temporary Storage Representative: _____ Date of Receipt: _____ Time of Receipt: ☐ AM ☐ PM Load Size (cu. yds./tons): _____	
J. LOG SHEET VOLUME INFORMATION:		Total Volume Recorded This Page (cu. yds./tons): 017.17 Total Carried Forward (cu. yds./tons): _____ Total Carried Forward and This Page (cu. yds./tons): _____	

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number

SUMMARY SHEET _____ **OF** _____

□ - □

K. SUMMARY OF SHIPMENTS:

Date of Shipment:**Date of Receipt:**

Number of Loads Shipped:

Daily Volume Shipped
(commodities):

[illegible]



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC-012C

BILL OF LADING (pursuant to 310 CMR 40.0030)

Release Tracking Number

SUMMARY SHEET

☐ - ☐

ONLY COMPLETE ONE COPY OF THIS PAGE AND ATTACH TO THE FINAL COPY OF THE SUMMARY SHEET.

L. ACKNOWLEDGMENT OF RECEIPT OF REMEDIATION WASTE AT RECEIVING FACILITY OR TEMPORARY STORAGE:

Receiving Facility/Temporary Storage Representative (print):

ESM/ Angela Gagne

Title:

Office Manager

Signature:

Angela Gagne

Date:

12-26-2007

M. ACKNOWLEDGMENT OF SHIPMENT AND RECEIPT OF REMEDIATION WASTE BY PERSON
CONDUCTING RESPONSE ACTION ASSOCIATED WITH THIS BILL OF LADING:

I certify under penalties of law that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this certification, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in herein is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

Signature:

Michele V. Leone

Date:

01/16/2008

Name of Person (print):

MICHELE V. LEONE