

SCANNED

URAM COMPLETION REPORT  
SEWER PIPE INSTALLATION  
100 COMMERCIAL STREET  
MALDEN, MASSACHUSETTS  
RTN 3-0362

by

Haley & Aldrich, Inc.  
Boston, Massachusetts

Submitted to

Department of Environmental Protection  
Wilmington, Massachusetts

On Behalf of

Boston Gas Company d/b/a KeySpan Energy Delivery  
New England

DEP MAY 13 2003

File No. 06558-648  
May 2003

SCANNED

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**HALEY &  
ALDRICH**

13 May 2003  
File No. 06558-648

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

Attention: Bureau of Waste Site Cleanup

Subject: Utility-Related Abatement Measure (URAM) Completion Report  
Sewer Pipe Installation  
100 Commercial Street  
Malden, Massachusetts  
RTN 3-0362

Ladies and Gentlemen:

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On behalf of Boston Gas Company d/b/a as KeySpan Energy Delivery New England (KeySpan), Haley & Aldrich, Inc. is submitting a Utility-Related Abatement Measure (URAM) Completion Report for the installation of a sanitary sewer pipe located at 100 Commercial Street in Malden, Massachusetts. This URAM Completion Report is submitted under the provisions of the Massachusetts Contingency Plan (MCP), 310 CMR 40.0466. An original Release & Utility-Related Abatement Measure (RAM & URAM) Transmittal Form, BWSC-106, is attached and a copy is provided in Appendix A.

**SITE INFORMATION**

Keith Johnson of Haley & Aldrich, Inc. contacted Mary Bester-Colby at the Massachusetts Department of Environmental Protection (DEP) at approximately 9:30 AM on 13 January 2003 and requested and received verbal approval to conduct the URAM. At that time, Mr. Johnson indicated to Ms. Bester-Colby that KeySpan was conducting a URAM on a listed site with ongoing Immediate Response Action (IRA) activities (RTN 3-13754), which are confined to a below-grade drainage culvert and are away from the proposed URAM activities. The potentially responsible parties are Massachusetts Electric Company (MEC) and KeySpan. Written notification of the intent to conduct a URAM was provided by Haley & Aldrich, Inc. on behalf of KeySpan to the DEP on 20 January 2003.

The URAM was conducted on KeySpan property located within the former Malden manufactured gas plant (MGP) disposal site (RTN 3-0362) located at 100 Commercial Street

in Malden, Massachusetts, as shown on Figure 1, Site Locus. The disposal site is currently in Phase III of the MCP and MEC is conducting MCP compliance activities at the site.

The subject site is currently used as a KeySpan operations and vehicle maintenance facility. The property consists of three buildings and asphalt paved parking areas with gravel or landscaped areas at the property boundaries. The West End Brook culvert bisects the property and adjoins the Malden River culvert at the eastern Property boundary. The URAM associated with the installation of the sewer pipe is located both inside the parts room of the KeySpan operations building and outside the operations building near the northwest corner of the building. A more detailed plan of the installation location of the sewer pipe is provided on the attached Figure 2, Site Plan.

### **MANAGEMENT OF CONTAMINATED SOILS**

Between 13 and 15 January 2003, cuts were made in the concrete floor slab and trench excavations approximately 2 ft wide by 1.5 to 3.5 ft below ground surface (bgs) were excavated along the alignment for installation of the sewer pipe. Haley & Aldrich field personnel observed the condition of the excavated and in-situ soils for visual or olfactory evidence of contamination and monitored for the presence of volatile organic compounds (VOCs) using a Thermo Environmental Organic Vapor Meter (OVM) equipped with a 10.6 eV photoionizing lamp. Mild olfactory and visual observations (stained soils) were noted from the southeast end of an approximately 12-ft long trench segment oriented northwest-southeast inside the building. Soil headspace samples ranged from 0.0 to 2.4 ppm. Groundwater was not encountered in the excavations.

Soil material removed from the excavation was temporarily placed in two stockpiles adjacent to the excavations, one inside the building and another outside the building. Excavated soil was stockpiled on and covered with polyethylene. The floors and walls of the trenches were covered with poly liner and the liner anchored to the floor or ground surface to mitigate the migration of soil gas out of the excavations and to prevent people working in the trenches from coming in contact with in-situ soils. Sewer piping was installed between 14 and 21 January 2003. The trenches were backfilled with the excavated soils, compacted, and re-covered with poly liner on 22 January 2003. Cuts in the floor slab were filled with poured concrete on 24 January 2003.

### **ENVIRONMENTAL HEALTH AND SAFETY MONITORING**

Haley & Aldrich field personnel monitored the air in the work area and outside of the work area for the presence of volatile organic compounds (VOCs) using a Thermo Environmental Organic Vapor Meter (OVM) equipped with a 10.6 eV photoionizing lamp. Work areas



included over and within the sewer pipe excavations, over the stockpiles and from the general breathing zone within the general work area. Readings ranged from 0.0 parts per million (ppm) to 1.1 ppm in the indoor ambient air, from 0.0 ppm to 1.6 ppm in the indoor excavations, from 0.0 ppm to 2.2 ppm over the indoor stockpile, and 0.0 ppm from the outdoor stockpile, trench and ambient air.

#### **MANAGEMENT OF REMEDIATION WASTE**

All excavated soil generated from inside the building was backfilled into the sewer pipe trench in the stockroom. Less than 1 yard of excess soil was generated from the exterior excavation and subsequently drummed and removed from the site under Hazardous Waste Manifest by CleanHarbors on 16 April 2003. A copy of the manifest is included in Appendix B.

#### **ON-GOING REMEDIAL SYSTEMS**

There are no ongoing active or passive remedial systems that will remain in place at the site as a result of the URAM activities.

#### **CLOSURE**

Activities associated with this URAM have been completed at the site. In accordance with 310 CMR 40.0461(5)(b), the installation of the sewer piping does not prevent or impede the implementation of future response actions, if necessary, associated with the ongoing IRA or MCP compliance.

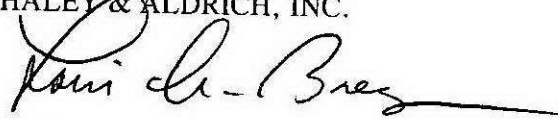
DEP MAY 13 2003



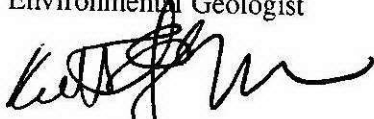
Massachusetts Department of Environmental Protection  
13 May 2003  
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Please feel free to contact the undersigned if you have any questions regarding this report.

Sincerely yours,  
HALEY & ALDRICH, INC.



Louis A. Baerga  
Environmental Geologist



to Richard P. Standish, LSP-of-Record  
Vice-President

Attachments:

Figure 1	Project Locus
Figure 2	Site Plan
Appendix A	Copy of BWSC-106
Appendix B	Copy of Hazardous Waste Manifest

c: KeySpan Energy Delivery; Alexander G. Taft  
Massachusetts Electric Company; Michele V. Leone

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06558-648 A204

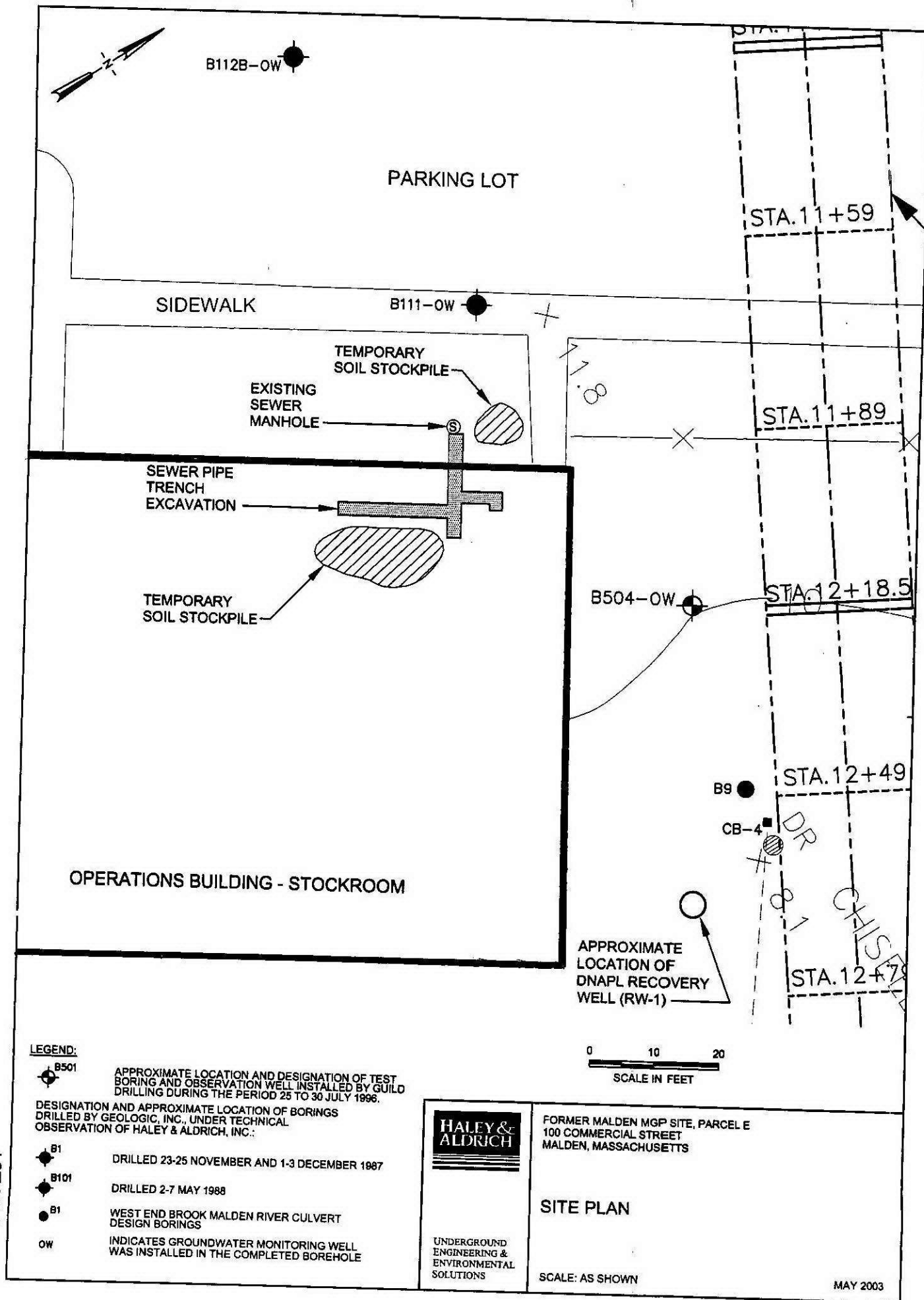


FIGURE 2

**APPENDIX A**

**Copy of BWSC-106**





Massachusetts Department of Environmental Protection  
Bureau of Waste Site Cleanup

BWSC-106

RELEASE & UTILITY-RELATED ABATEMENT  
MEASURE (RAM & URAM) TRANSMITTAL FORM

**COPY** ✓

Release Tracking Number

Pursuant to 310 CMR 40.0444 - 0446 and 310 CMR 40.0462 - 0465 (Subpart D)

3 - 362

A. SITE LOCATION:

Site Name: (optional) Former Malden MGP

Street: 100 Commercial Street

City/Town: Malden

Location Aid: Charles Street

ZIP Code: 02148-5570

☒ Check here if a Tier Classification Submittal has been provided to DEP for this Release Tracking Number.

Related Release Tracking Numbers That This RAM or URAM Addresses: 3-13754

B. THIS FORM IS BEING USED TO:

(check all that apply)

☐ Submit a RAM Plan (complete Sections A, B, C, D, E, F, J, K, L and M).

☐ Check here if this RAM Plan is an update or modification of a previously approved written RAM Plan.

Date Submitted: \_\_\_\_\_

☐ Submit a RAM Status Report (complete Sections A, B, C, E, J, K, L and M).

☐ Submit a RAM Completion Statement (complete Sections A, B, C, D, E, G, J, K, L and M).

☐ Confirm or Provide URAM Notification (complete Sections A, B, H, K, L and M).

☐ Submit a URAM Status Report (complete Sections A, B, C, E, J, K, L and M).

☒ Submit a URAM Completion Statement (complete Sections A, B, C, D, E, I, J, K, L and M).

You must attach all supporting documentation required for each use of form indicated, including copies of any Legal Notices and Notices to Public Officials required by 310 CMR 40.1400.

C. SITE CONDITIONS:

☒ Check here if the source of the Release or Threat of Release is known.

If yes, check all sources that apply:

☐ UST

☐ Pipe/Hose/Line

☐ AST

☐ Drums

☐ Transformer

☐ Boat

☐ Tanker Truck

☐ Vehicle

☒ Other

Specify: Associated with former MGP operations

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

☐ Air

☒ Groundwater

☒ Surface Water

☒ Sediments

☒ Soil

☐ Wetlands

☐ Storm Drain

☐ Paved Surface

☐ Private Well

☐ Public Water Supply

☐ Zone 2

☐ Residence

☐ School

☐ Unknown

☐ Other

Specify: \_\_\_\_\_

Identify Release and/or Threat of Release Conditions at Site: (check all that apply)

☐ 2 and 72 Hour Reporting Condition(s)

☐ 120 Day Reporting Condition(s)

☒ Other Condition(s)

Describe: DEP granted waiver in April 1990 indicating its status as a confirmed, non-priority site. Site classified as Tier IB, effective on 28 December 1999.

RAMs may be conducted concurrently with an IRA only with written DEP approval

URAMs may not be conducted if any 2 or 72 Hour conditions exist at the site.

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

☒ Others

Specify: MGP contaminants, VOCs, PAHs, cyanide

☐ Oils

☐ Chlorinated Solvents

☐ Heavy Metals

D. DESCRIPTION OF RESPONSE ACTIONS:

(check all that apply)

☐ Assessment and/or Monitoring Only

☒ Excavation of Contaminated Soils

☒ Re-use, Recycling or Treatment

☒ On Site

☐ Off Site

Est. Vol.: 15 cubic yards

Describe: Reused as backfill at point of origin

☐ Store

☐ On Site

☐ Off Site

Est. Vol.: \_\_\_\_\_ cubic yards

☐ Deployment of Absorbent or Containment Materials

☐ Temporary Covers or Caps

☐ Bioremediation

☐ Soil Vapor Extraction

☐ Structure Venting System

☐ Product or NAPL Recovery

SECTION D IS CONTINUED ON THE NEXT PAGE.

Revised 2/24/95

Supersedes Forms BWSC-007, 008, 009 and 010 (in part)  
Do Not Alter This Form

Page 1 of 4

DEP MAY 13 2003



**COPY**

**RELEASE & UTILITY-RELATED ABATEMENT  
MEASURE (RAM & URAM) TRANSMITTAL FORM**

Pursuant to 310 CMR 40.0444 - 0446 and 310 CMR 40.0462 - 0465 (Subpart D)

Release Tracking Number

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**D. DESCRIPTION OF RESPONSE ACTIONS (continued):**

- ☐ Landfill    ☐ Cover    ☐ Disposal Est. Vol.: \_\_\_\_\_ cubic yards
- ☐ Removal of Drums, Tanks or Containers
- Describe: \_\_\_\_\_
- ☒ Removal of Other Contaminated Media
- Specify Type and Volume: <1 CY contaminated soil, 1 drum
- ☐ Other Response Actions    Describe: \_\_\_\_\_
- ☐ Groundwater Treatment Systems
- ☐ Air Sparging
- ☐ Temporary Water Supplies
- ☐ Temporary Evacuation or Relocation of Residents
- ☐ Fencing and Sign Posting

See 310 CMR 40.0442 for limitations on the scope and type of RAMs.  
See 310 CMR 40.0464 for performance standards for URAMs.

- ☐ Check here if this RAM or URAM involves the use of Innovative Technologies. DEP is interested in using this information to aid in creating an Innovative Technologies Clearinghouse.
- Describe Technologies: \_\_\_\_\_

**E. TRANSPORT OF REMEDIATION WASTE:**

(If Remediation Waste has been sent to an off-site facility, answer the following questions)

Name of Facility: Clean Harbors

Town and State: Bristol, Connecticut

Quantity of Remediation Waste Transported to Date: One 55-gallon drum

**F. RAM PLAN:**

- ☐ Check here if this RAM Plan received previous oral approval from DEP as a continuation of a Limited Removal Action (LRA).
- Date of Oral Approval: \_\_\_\_\_
- ☐ If a RAM Compliance Fee is required, check here to certify that the fee has been submitted. You MUST attach a photocopy of the payment. See 310 CMR 40.0444(2) to learn when a fee is not required.
- ☐ Check here if the RAM Plan is proposed for a Transition Site. If this is the case, you may need to attach an LSP Evaluation Opinion prior to undertaking the RAM, if not previously provided. See 310 CMR 40.0600 for further information about Transition Sites.

**G. RAM COMPLETION STATEMENT:**

- ☐ If a RAM Compliance Fee is required in connection with submission of the RAM Completion Statement, check here to certify that the fee has been submitted. You MUST attach a photocopy of the payment. You owe this fee when submitting a RAM Completion Statement if you received oral approval of a RAM that continued an LRA, and have NOT previously submitted a RAM Plan and accompanying fee.
- If any Remediation Waste will be stored, treated, managed, recycled or reused at the site following submission of the RAM Completion Statement, you must submit a Phase IV Remedy Implementation Plan, along with the appropriate transmittal form, as an attachment to the RAM Completion Statement.

**H. URAM NOTIFICATION:**

- Identify Location Type: (check all that apply)
- ☐ Public Right of Way    ☐ Utility Easement    ☐ Private Property
- Identify Utility Type: (check all that apply)
- ☐ Sanitary/Combined Sewerage    ☐ Water    ☐ Drainage    ☐ Natural Gas
- ☐ Telephone    ☐ Steam Lines    ☐ Telecommunications    ☐ Electric    ☐ Other    Specify: \_\_\_\_\_
- ☐ Check here if you provided DEP with previous oral notification of this URAM.    Date of Oral Notice: \_\_\_\_\_
- ☐ Check here if the property owner was NOT contacted prior to initiation of the URAM. If this is the case, you must attach an explanation of why the owner was not contacted, including the date and time when contact ultimately occurred.
- ☐ Check here if this URAM will occur in connection with the construction of new public utilities. If this is the case, document the nature and extent of encountered contamination, the scope and expense of necessary mitigation and the benefits and limitations of project alternatives.
- With the exception stated below, the person undertaking the URAM must provide the name and license number of an LSP engaged or employed in connection with the URAM:
- LSP Name: \_\_\_\_\_    LSP License Number: \_\_\_\_\_

LSP information is not required if the URAM is limited to the excavation and/or handling of not more than 100 cubic yards of soil contaminated by Oil, or not more than 20 cubic yards of soil contaminated either by a Hazardous Material or a mixture of a Hazardous Material and Oil.



**COPY**

Release Tracking Number

**RELEASE & UTILITY-RELATED ABATEMENT  
MEASURE (RAM & URAM) TRANSMITTAL FORM**

Pursuant to 310 CMR 40.0444 - 0446 and 310 CMR 40.0462 - 0465 (Subpart D)

3 - 362

**I. URAM COMPLETION STATEMENT:**

- ☒ Check here if this URAM was limited to the excavation and/or handling of not more than 100 cubic yards of soil contaminated by Oil, or not more than 20 cubic yards of soil contaminated by either a Hazardous Material or a mixture of a Hazardous Material and Oil.

If any Remediation Waste will be stored, treated, managed, recycled or reused at the site following submission of the URAM Completion Statement, you must submit either a Release Abatement Measure (RAM) Plan or a Phase IV Remedy Implementation Plan, along with the appropriate transmittal form, as an attachment to the URAM Completion Statement.

**J. LSP OPINION:**

I attest under the pains and penalties of perjury that I have personally examined and am familiar with this transmittal form, including any and all documents accompanying this submittal. In my professional opinion and judgment based upon application of (i) the standard of care in 309 CMR 4.02(1), (ii) the applicable provisions of 309 CMR 4.02(2) and (3), and (iii) the provisions of 309 CMR 4.03(5), to the best of my knowledge, information and belief,

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

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

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

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

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

LSP Name: Richard P. Standish LSP #: 2242 Stamp:

Telephone: 860-290-3150 Ext.: \_\_\_\_\_

FAX: (optional) 860-282-9500

Signature: Richard P. Standish

Date: 9 May 2003



An LSP Opinion is not required for a Utility-Related Abatement Measure Notification.

An LSP Opinion is not required for a URAM Completion Statement if the URAM is limited to the excavation and/or handling of not more than 100 cubic yards of soil contaminated by Oil, or not more than 20 cubic yards of soil contaminated either by Hazardous Material or a mixture of Hazardous Material and Oil.

**K. PERSON UNDERTAKING RAM OR URAM:**

Name of Organization: Boston Gas Company d/b/a Keyspan Energy Delivery New England

Name of Contact: Alexander G. Taft Title: Director Environmental Operations

Street: 201 Rivermoor Street

City/Town: West Roxbury State: MA ZIP Code: 02132-0000

Telephone: 617-723-5512 Ext.: 4470 FAX: (optional) 617-323-9808

- ☐ Check here if there has been a change in person undertaking the RAM or URAM.



Massachusetts Department of Environmental Protection  
Bureau of Waste Site Cleanup

**COPY** BWSC-106

**RELEASE & UTILITY-RELATED ABATEMENT  
MEASURE (RAM & URAM) TRANSMITTAL FORM**

Release Tracking Number

Pursuant to 310 CMR 40.0444 - 0446 and 310 CMR 40.0462 - 0465 (Subpart D)

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**L. RELATIONSHIP TO SITE OF PERSON UNDERTAKING RAM or URAM:** (check one)

- ☒ 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(i))
- ☐ Any Other Person Undertaking RAM or URAM Specify Relationship: \_\_\_\_\_

**M. CERTIFICATION OF PERSON UNDERTAKING RAM OR URAM:**

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

By: [Signature] Title: Director Environmental Operations  
(signature)

For: Boston Gas Company d/b/a Keyspan Energy Delivery NE Date: 5/7/03  
(print name of person or entity recorded in Section K)

Enter address of person providing certification, if different from address recorded in Section K:

Street: \_\_\_\_\_

City/Town: \_\_\_\_\_ State: \_\_\_\_\_ ZIP Code: \_\_\_\_\_

Telephone: \_\_\_\_\_ Ext: \_\_\_\_\_ FAX: (optional) \_\_\_\_\_

**YOU MUST COMPLETE ALL RELEVANT SECTIONS OF THIS FORM OR DEP MAY RETURN THE DOCUMENT AS INCOMPLETE. IF YOU SUBMIT AN INCOMPLETE FORM, YOU MAY BE PENALIZED FOR MISSING A REQUIRED DEADLINE.**

**APPENDIX B**

**Copy of Hazardous Waste Manifest**



COMMONWEALTH OF MASSACHUSETTS  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DIVISION OF HAZARDOUS MATERIALS  
One Winter Street Boston, Massachusetts 02108

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

513

58-577697 MA 2 334443 COPY 3: FACILITY MAILES TO GENERATOR

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. <b>MP5024217564</b>	Manifest Document No. <b>24443</b>		2. Page 1 of 1	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address <b>Massachusetts Electric Company 55 Bearfoot Road Northborough, MA 01532 508 357-4725 Attn: Michelle Leone</b>		4. Generator's Phone		A. State Manifest Document Number <b>MAQ 334443</b>		B. State Facility ID <b>100 Commercial Street Malden, MA 02148</b>	
5. Transporter 1 Company Name <b>Clean Harbors Env Services Inc</b>		6. US EPA ID Number <b>MAD039322250</b>		C. State Trans. ID <b>PUQ9016 OH</b>		D. Transporter's Phone <b>781 849-1800</b>	
7. Transporter 2 Company Name <b>Clean Harbors Env Service</b>		8. US EPA ID Number <b>MAD039322250</b>		E. State Trans. ID <b>614195 MB</b>		F. Transporter's Phone <b>781 849-1800</b>	
9. Designated Facility Name and Site Address <b>Clean Harbors Of Conn Inc 51 Broderick Road Bristol, CT 06010</b>		10. US EPA ID Number <b>CTD000604488</b>		G. State Facility's ID <b>NOT REQUIRED</b>		H. Facility's Phone <b>860 583-8917</b>	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)				12. Containers	13. Total Quantity	14. Unit Wt/Vol	15. Waste No.
a. <b>NON DOT REGULATED MATERIAL OILY DEBRIS, NON DOT HAZARDOUS, NONE, NONE</b>				No. <b>1</b> Type <b>DM</b>	<b>400</b>	<b>P</b>	<b>MA01</b>
b.							
c.							
d.							
J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.) (S), (T) (X55)				K. Handling Codes for Wastes Listed Above			
a.				a. <b>S I O I</b> c. <b>     </b>			
b.				b. <b>     </b> d. <b>     </b>			
15. Special Handling Instructions and Additional Information <b>11a R401/9</b>				IN EMERGENCY, CALL CHES 1-800-645-8265 WO# SBS77692			
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.  If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.  <b>ON BEHALF OF MASS ELECTRIC</b>							
Printed/Typed Name <b>PAUL RICHARD</b>				Signature <i>Paul Richard</i>		Date Month <b>04</b> Day <b>16</b> Year <b>03</b>	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name <b>PAUL RICHARD</b>				Signature <i>Paul Richard</i>		Date Month <b>04</b> Day <b>16</b> Year <b>03</b>	
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name <b>ROBERT J. M. +</b>				Signature <i>Robert J. M. +</i>		Date Month <b>04</b> Day <b>21</b> Year <b>03</b>	
19. Discrepancy Indication Space				DEP MAY 13 2003			
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. <i>Michael J. Garity</i> Printed/Typed Name <b>KEVIN J. FISHER</b>				Signature <i>Kevin J. Fisher</i>		Date Month <b>04</b> Day <b>16</b> Year <b>03</b>	

Clean Harbors has appropriate facilities to receive and store the generator is shipping.