



**MASSACHUSETTS CONTINGENCY PLAN  
IMMEDIATE REPOSE ACTION  
COMPLETION REPORT**

**TOWN OF EASTHAM LANDFILL  
255 OLD ORCHARD ROAD  
EASTHAM, MASSACHUSETTS**

**DEP RTN 4-24301**

August 25, 2017

Prepared for:

Town of Eastham  
2500 State Highway  
Eastham, MA 02642-2544

Prepared by:

Environmental Strategies & Management, Inc.  
273 West Main Street  
Norton, MA 02766  
(508) 226-1800

ES&M Project No. 2017-038

## CONTENTS

<b>1.0 INTRODUCTION</b> .....	<b>1</b>
1.1 <i>Background</i> .....	1
1.2 <i>Person Conducting IRA</i> .....	1
<b>2.0 IRA COMPLETION</b> .....	<b>2</b>
2.1 <i>MWS System Connections Update</i> .....	2
2.2 <i>Outline of Proposed LMP Revisions</i> .....	3
2.3 <i>Licensed Site Professional</i> .....	3
2.4 <i>MCP Required Notification</i> .....	4
<b>3.0 PUBLIC OUTREACH</b> .....	<b>4</b>

## FIGURES

1	Site Map
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## TABLES

1	Connection Status and Irrigation Well Approvals
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## APPENDIX

A	Public Notification
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## 1.0 INTRODUCTION

This Immediate Response Action (IRA) Completion Report has been prepared in accordance with the Massachusetts Contingency Plan (MCP, 310 CMR 40.0427) by Environmental Strategies & Management, Inc. (ES&M) on behalf of the Town of Eastham. This report pertains to Massachusetts Department of Environmental Protection (MassDEP) Release Tracking Number (RTN) 4-24301 which was issued following the detection of 1,4-dioxane in water samples collected from private drinking water wells near the Town's landfill. A Municipal Water Supply (MWS) system has been constructed and affected residents around the landfill have been connected to this system. Therefore, the condition that created the need for the IRA (i.e., 1,4-dioxane in drinking water at concentrations above the drinking water standard/guideline) has been addressed. The landfill and the downgradient/surrounding properties within the study area are shown on the Site Map included as Figure 1.

### 1.1 Background

The Town of Eastham implemented an extensive private well testing program following the detection of 1,4-dioxane in monitoring wells and private drinking water wells near and downgradient of the Town's landfill. Under the IRA program, water samples were collected from over 300 private drinking water wells and submitted for laboratory analysis. During the course of the private well sampling program, bottled water was made available to residents of any property where 1,4-dioxane had been detected at or above the MCP GW-1 standard of 0.3 µg/L. IRA activities have been documented in quarterly status reports, which have been submitted to MassDEP and made available to the public at Eastham Town Hall and on the Town's website.

In addition to quarterly status reports, three IRA Plan Modifications were submitted to MassDEP, the most recent of which was dated December 22, 2016. This most recent report presented site assessment information collected over the past few years and provided a critical update of the Conceptual Site Model (CSM). The CSM describes how 1,4-dioxane has migrated in groundwater from the landfill and how other sources of 1,4-dioxane (i.e., consumer products) have comeled with 1,4-dioxane emanating from the landfill. The Plan Modification also included the Town's policies regarding connections to the MWS system and under what circumstances existing drinking water wells may be reconfigured for irrigation use after connection to the MWS system.

### 1.2 Person Conducting IRA

The person conducting the IRA at this time is:

Town of Eastham  
2500 State Highway, Eastham, MA 02642  
Attention: Jane Crowley, Health Agent, Eastham Board of Health  
508-240-5900, x229 [jcrowley@eastham-ma.gov](mailto:jcrowley@eastham-ma.gov)

## 2.0 IRA COMPLETION

During the 2015 Annual Town Meeting, Eastham residents approved financing to construct a Town-wide MWS system. Connections to this system began within the mandatory zone<sup>1</sup> in the Fall of 2016 and are nearing completion at this time. For the purposes of this IRA Completion report, all of the homes that were color coded red on the Site Map (i.e., homes where drinking water samples revealed 1,4-dioxane above 0.3 µg/L) have been connected to the MWS system. Hence, the Critical Exposure Pathway has been eliminated.

Section 2.1 of this report provides information regarding the connection of properties to the MWS system. After a property is connected to the MWS, the drinking water well is either abandoned, cut and capped, or, if approved, converted for irrigation-only use. Section 2.2 outlines additional, related activities that will be conducted under a revised Landfill Monitoring Plan (LMP). The LMP is a separate document being submitted concurrently to MassDEP's Division of Solid Waste Management, which outlines monitoring activities to be conducted both within the boundaries of the landfill, and in the surrounding neighborhood downgradient of the landfill.

### 2.1 MWS System Connections Update

As outlined in the December 2016 IRA Plan Modification, all properties within the defined mandatory connection zone (approximately 471) are required to connect to the MWS system when it becomes available. In preparation of this work, the Town and their water supply consultant, Environmental Partners, have reached out to property owners for access, and have received approximately 461 signed access agreements. Of these, approximately 450 homes have been connected or are scheduled for connection. As mentioned above, all homes with drinking water wells where the concentration of 1,4 dioxane was detected above 0.3 µg/L have been connected to the MWS.

The mandatory connection zone has been divided into three areas based on the distance from the landfill. The Town's policies for conversion of drinking water wells for irrigation use are based on these areas, and are summarized below:

#### East of Schoolhouse Road (East Area)

- The well water has been tested for 1,4 dioxane at least once and the resulting 1,4-dioxane concentration has not exceeded 0.3 µg/L;
- The well depth is documented to be less than 100' deep; and
- A well conversion application is submitted to the Eastham Board of Health.

#### West of Schoolhouse Road (Central Area) and Further than 750' from the Landfill

- Use of private drinking water wells for irrigation in this zone is prohibited; however, residents may apply for a variance to this rule with the Eastham Board of Health;

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<sup>1</sup> The Mandatory MWS Zone was defined in the December 2016 IRA Plan Modification (Section 2, pp. 10), and is also shown on Figure 1)

- In order for a variance request to be considered, the well water must be tested to document that the 1,4-dioxane concentration is not above 0.3 µg/L, and the well depth must be known; and
- The laboratory testing data and well depth information must be evaluated by ES&M, who will utilize available information to determine whether the variance will be approved. Variance approval will only be granted if the 1,4 dioxane concentration is less than 0.3 µg/L and the well is not completed within 40 feet of the top of the 1,4 dioxane plume emanating from the landfill.

**Within 750’ of the Landfill**

- Use of private drinking water wells for irrigation is prohibited. Applications for variances for such wells will not be approved.

The table below summarizes the number of properties in the three areas within the Mandatory Connection Zone, the current status of MWS system connections, and the number of wells approved for irrigation-only usage.

Area	Total Properties in Area	Vacant Properties	Properties Connected to MWS	Properties on Bottled Water List & Connected to MWS	Properties Not Connected to MWS	Wells Approved for Irrigation
750' Zone	85	5	78	21	2	0
Central Area	160	16	138	19	6	17
East of Schoolhouse	263	16	237	2	10	67
	508	37	453	42	18	84

Table 1 presents a detail list showing the current connection status of properties within the mandatory connection zone as well as irrigation well approvals.

**2.2 Outline of Proposed LMP Revisions**

With closure of the IRA, remaining work related to the landfill will be conducted under a revised Landfill Monitoring Plan, which will be reviewed and approved by MassDEP’s Solid Waste Division. A revised LMP is being submitted in conjunction with this IRA Completion Statement.

**2.3 Licensed Site Professional**

The Licensed Site Professional who prepared this IRA Completion Statement is Douglas A. Heely (LSP No. 9632) who has been retained by the Town of Eastham to oversee the IRA.

## **2.4 MCP Required Notification**

A letter notifying the Town of Eastham Board of Health and Chief Municipal Officer of the electronic submittal of this IRA Completion report to MassDEP is being sent concurrent with the submittal of this report. A copy of the notification letter is included in Appendix A.

## **3.0 PUBLIC OUTREACH**

The communication plan includes the following elements to keep the public informed of all aspects of this project:

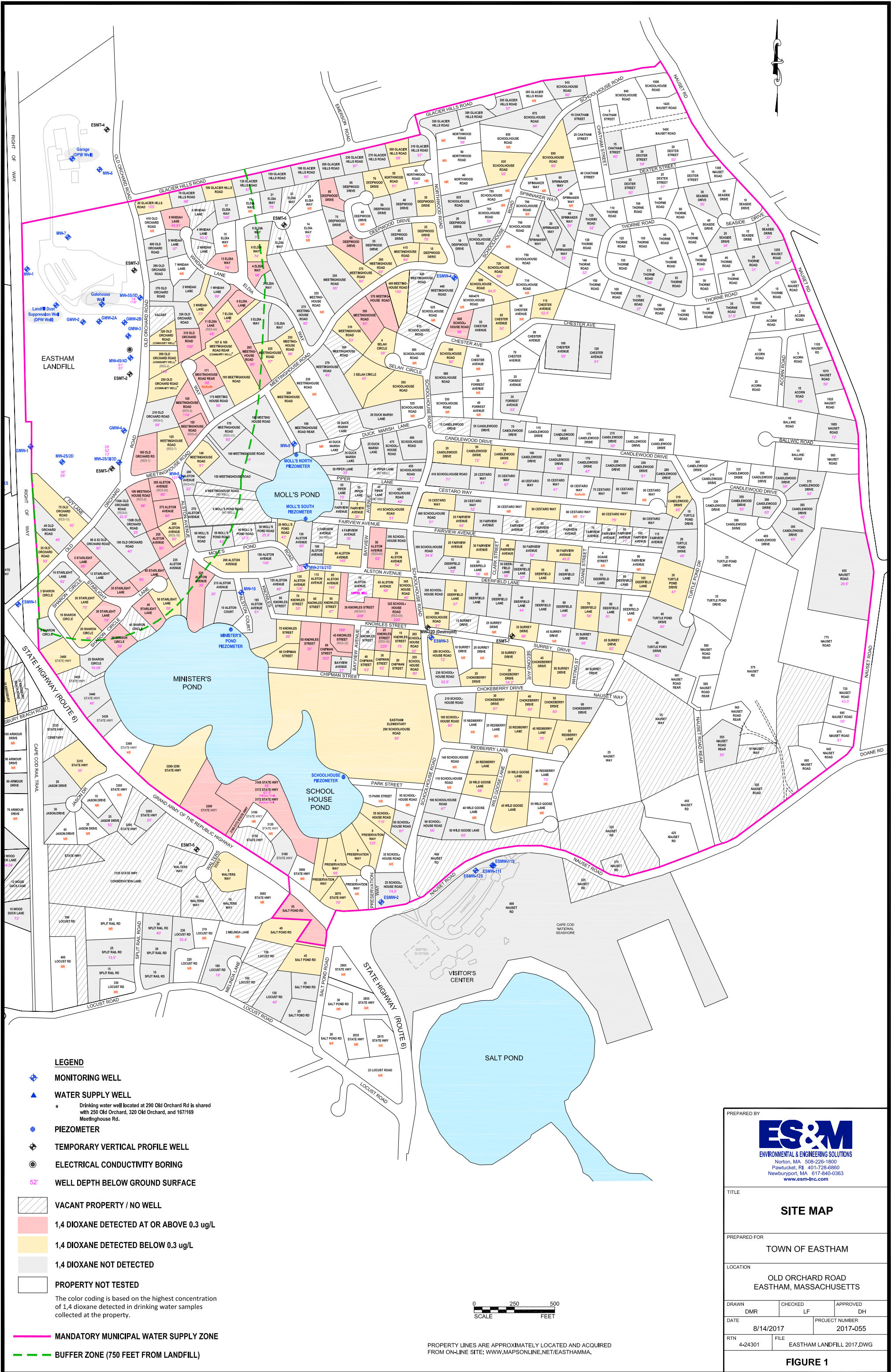
### **Availability of Reports**

All reports required by MassDEP are available on their website (<http://public.dep.state.ma.us/fileviewer/Rtn.aspx?rtn=4-0024301>). The Town of Eastham's also posts these reports on their website ([http://www.eastham-ma.gov/Public\\_Documents/EasthamMA\\_Health/LandfillFolder/](http://www.eastham-ma.gov/Public_Documents/EasthamMA_Health/LandfillFolder/)). Hard copies of reports are available at Town Hall and at the Eastham Public Library.

### **Direct Communications**

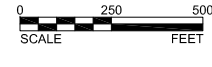
Questions on the ongoing work related to this matter may be directed to:

- Jane Crowley, Health Agent, Eastham Board of Health  
508-240-5900, x229 or by email at [jcrowley@eastham-ma.gov](mailto:jcrowley@eastham-ma.gov)
- Doug Heely, Licensed Site Professional, Environmental Strategies & Mgmt.  
508-226-1800 or by email at [dheely@esm-inc.com](mailto:dheely@esm-inc.com)



**LEGEND**

- ◆ **MONITORING WELL**
- ▲ **WATER SUPPLY WELL**
- \* Drinking water well located at 290 Old Orchard Rd is shared with 250 Old Orchard, 320 Old Orchard, and 167/169 Meetinghouse Rd.
- **PIEZOMETER**
- ⊕ **TEMPORARY VERTICAL PROFILE WELL**
- ⊙ **ELECTRICAL CONDUCTIVITY BORING**
- 52' **WELL DEPTH BELOW GROUND SURFACE**
- VACANT PROPERTY / NO WELL**
- 1,4 DIOXANE DETECTED AT OR ABOVE 0.3 ug/L**
- 1,4 DIOXANE DETECTED BELOW 0.3 ug/L**
- 1,4 DIOXANE NOT DETECTED**
- PROPERTY NOT TESTED**
- The color coding is based on the highest concentration of 1,4 dioxane detected in drinking water samples collected at the property.
- MANDATORY MUNICIPAL WATER SUPPLY ZONE**
- BUFFER ZONE (750 FEET FROM LANDFILL)**



PROPERTY LINES ARE APPROXIMATELY LOCATED AND ACQUIRED FROM ON-LINE SITE: WWW.MAPSONLINE.NET/EASTHAMMA.

PREPARED BY  
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<b>TITLE</b>		
<b>SITE MAP</b>		
PREPARED FOR		
TOWN OF EASTHAM		
LOCATION		
OLD ORCHARD ROAD EASTHAM, MASSACHUSETTS		
DRAWN	CHECKED	APPROVED
DMR	LF	DH
DATE		PROJECT NUMBER
8/14/2017		2017-055
RTN	FILE	
4-24301	EASTHAM LANDFILL 2017.DWG	
<b>FIGURE 1</b>		

**TABLE 1  
SUMMARY OF  
CONNECTIONS TO MUNICIPAL WATER SUPPLY  
AND  
APPROVED IRRIGATION WELL USE  
EASTHAM, MA**

Area	Street	Property Connected to MWS	Denied Right of Access	Property on Bottled Water List	Well Met Criteria and is Approved for Irrigation Use
<b><u>Area 750' From Landfill</u></b>					
	225 ALSTON AVE	Yes		Yes	
	235 ALSTON AVE	Yes			
	255 ALSTON AVE	Yes		Yes	
	265 ALSTON AVE	Yes			
	270 ALSTON AVE	Yes			
	275 ALSTON AVE	Yes		Yes	
	280 ALSTON AVE	Yes			
	285 ALSTON AVE	Yes		Yes	
	2 ELDIA WAY	Yes			
	4 ELDIA WAY	Yes		Yes	
	5 ELDIA WAY	Yes			
	6 ELDIA WAY	Yes			
	7 ELDIA WAY	Yes			
	8 ELDIA WAY	Yes			
	9 ELDIA WAY	Yes		Yes	
	11 ELDIA WAY	Yes		Yes	
	13 ELDIA WAY	Yes		Yes	
	15 ELDIA WAY	Yes			
	17 ELDIA WAY	Yes			
	19 ELDIA WAY	Yes			
	20 GLACIER HILLS RD	Yes			
	70 GLACIER HILLS RD	Yes			
	100 GLACIER HILLS RD	Yes			
	130 GLACIER HILLS RD	Yes			
	100 MEETINGHOUSE RD	Yes			
	125 MEETINGHOUSE RD	Yes			
	140 MEETINGHOUSE RD	Vacant			
	150 MEETINGHOUSE RD	Yes			
	155 MEETINGHOUSE RD	Yes		Yes	
	160 MEETINGHOUSE RD	Yes			
	165 MEETINGHOUSE RD	Yes		Yes	
	170 MEETINGHOUSE RD	Yes			
	175 MEETINGHOUSE RD	No (soon)			
	180 MEETINGHOUSE RD	Yes			
	185 MEETINGHOUSE RD	Yes			
	205 MEETINGHOUSE RD	Yes		Yes	
	225 MEETINGHOUSE RD	Yes			
	169 MEETINGHOUSE RD REAR	Yes			
	171 MEETINGHOUSE RD REAR	Yes		Yes	
	50 MOLL'S POND RD	Yes			
	60 MOLL'S POND RD	Yes			

Area	Street	Property Connected to MWS	Denied Right of Access	Property on Bottled Water List	Well Met Criteria and is Approved for Irrigation Use
	25	OLD ORCHARD RD	Yes		
	45	OLD ORCHARD RD	Yes		
	75	OLD ORCHARD RD	Yes		
	80	OLD ORCHARD RD	Yes		
	82	OLD ORCHARD RD	Yes		
	100	OLD ORCHARD RD	Yes		
	130	OLD ORCHARD RD	Yes		
	180	OLD ORCHARD RD	Yes	Yes	
	210	OLD ORCHARD RD	Yes		
	250	OLD ORCHARD RD	Yes		
	255	OLD ORCHARD RD	Yes		
	290	OLD ORCHARD RD	Yes		
	310	OLD ORCHARD RD	Yes	Yes	
	320	OLD ORCHARD RD	Yes		
	340	OLD ORCHARD RD	Vacant		
	350	OLD ORCHARD RD	No	Denied	
	370	OLD ORCHARD RD	Yes		
	390	OLD ORCHARD RD	Yes		
	400	OLD ORCHARD RD	Yes		
	410	OLD ORCHARD RD	Yes		
	3	SHARON CIR	Yes		
	5	SHARON CIR	Yes		
	10	SHARON CIR	Yes		
	20	SHARON CIR	Yes		
	35	SHARON CIR	Yes	Yes	
	45	SHARON CIR	Vacant		
	5	STARLIGHT LN	Yes	Yes	
	10	STARLIGHT LN	Yes		
	13	STARLIGHT LN	Yes		
	20	STARLIGHT LN	Yes		
	30	STARLIGHT LN	Yes	Yes	
	35	STARLIGHT LN	Yes	Yes	
	40	STARLIGHT LN	Yes	Yes	
	45	STARLIGHT LN	Yes	Yes	
	50	STARLIGHT LN	Yes		
	1	WHIDAH LN	Yes		
	2	WHIDAH LN	Vacant		
	3	WHIDAH LN	Yes		
	4	WHIDAH LN	Yes		
	5	WHIDAH LN	Yes		
	6	WHIDAH LN	Vacant		
	7	WHIDAH LN	Yes		
	8	WHIDAH LN	Yes	Yes	
	9	WHIDAH LN	Yes		
<b><u>Area Outside 750' Zone and West of Schoolhouse Road</u></b>					
	10	ALSTON CT	Yes		
	5	BAYVIEW AVE	Yes		
	20	CHIPMAN ST	Yes		
	30	CHIPMAN ST	Yes		

Area	Street	Property Connected to MWS	Denied Right of Access	Property on Bottled Water List	Well Met Criteria and is Approved for Irrigation Use
	40	CHIPMAN ST	Yes		
	60	CHIPMAN ST	Yes	Yes	
	80	CHIPMAN ST	Yes		
	10	DEEPWOOD DR	Yes		
	15	DEEPWOOD DR	Yes		Yes
	20	DEEPWOOD DR	Yes		
	25	DEEPWOOD DR	Yes		Yes
	30	DEEPWOOD DR	Yes		
	40	DEEPWOOD DR	Yes		
	45	DEEPWOOD DR	Yes		
	50	DEEPWOOD DR	Yes		
	55	DEEPWOOD DR	Yes		
	60	DEEPWOOD DR	Yes		
	65	DEEPWOOD DR	Yes	Yes	
	70	DEEPWOOD DR	Yes		
	75	DEEPWOOD DR	No		
	85	DEEPWOOD DR	Yes	Yes	
	95	DEEPWOOD DR	Yes		
	20	DUCK MARSH LN	Yes		
	25	DUCK MARSH LN	Yes		
	30	DUCK MARSH LN	Vacant		
	35	DUCK MARSH LN	Yes		
	45	DUCK MARSH LN	Yes		
	3	ELDIA WAY	Yes		
	10	ELDIA WAY	Vacant		
	14	ELDIA WAY	Yes		
	21	ELDIA WAY	Yes		
	23	ELDIA WAY	Vacant		
	25	ELDIA WAY	Vacant		
	2	FAIRVIEW AVE	Vacant		
	3	FAIRVIEW AVE	Yes		
	4	FAIRVIEW AVE	Yes		Yes
	5	FAIRVIEW AVE	Yes		Yes
	150	GLACIER HILLS RD	Yes		
	175	GLACIER HILLS RD	Vacant		
	180	GLACIER HILLS RD	Yes		
	200	GLACIER HILLS RD	Yes		
	230	GLACIER HILLS RD	Yes		
	270	GLACIER HILLS RD	Yes		
	300	GLACIER HILLS RD	Yes		
	310	GLACIER HILLS RD	Yes		
	350	GLACIER HILLS RD	Yes		
	380	GLACIER HILLS RD	Yes		
	385	GLACIER HILLS RD	Yes		
	395	GLACIER HILLS RD	No		Yes
	15	KNOWLES ST	Yes		
	25	KNOWLES ST	Yes	Yes	
	30	KNOWLES ST	Yes	Yes	
	35	KNOWLES ST	Vacant		



Area	Street	Property Connected to MWS	Denied Right of Access	Property on Bottled Water List	Well Met Criteria and is Approved for Irrigation Use
	45	KNOWLES ST	Yes	Yes	
	50	KNOWLES ST	Yes		
	60	KNOWLES ST	Yes		
	65	KNOWLES ST	Yes	Yes	
	70	KNOWLES ST	Yes		Yes
	75	KNOWLES ST	Yes		
	80	KNOWLES ST	Yes		
	200	MEETINGHOUSE RD	Yes		
	230	MEETINGHOUSE RD	Vacant		
	255	MEETINGHOUSE RD	Yes		
	270	MEETINGHOUSE RD	Yes		Yes
	275	MEETINGHOUSE RD	Yes		Yes
	300	MEETINGHOUSE RD	No	Denied	
	310	MEETINGHOUSE RD	Yes		
	325	MEETINGHOUSE RD	Yes		
	350	MEETINGHOUSE RD	Yes	Yes	
	355	MEETINGHOUSE RD	No		
	370	MEETINGHOUSE RD	Yes	Yes	
	375	MEETINGHOUSE RD	Yes		
	385	MEETINGHOUSE RD	Yes		
	400	MEETINGHOUSE RD	Yes		
	415	MEETINGHOUSE RD	Yes		Yes
	420	MEETINGHOUSE RD	Yes		
	440	MEETINGHOUSE RD	Yes		
	167	MEETINGHOUSE RD REAR	Yes		
	190	MEETINGHOUSE RD REAR	Yes		
	20	MOLL'S POND RD	Yes		
	30	MOLL'S POND RD	Yes		
	40	MOLL'S POND RD	Yes		
	40	NORTHWOOD RD	Vacant		
	45	NORTHWOOD RD	Yes		
	50	NORTHWOOD RD	Vacant		
	55	NORTHWOOD RD	Yes		
	60	NORTHWOOD RD	Yes		
	15	PARK ST	Yes		
	40	PIPER LN	Vacant		
	45	PIPER LN	Vacant		
	50	PIPER LN	Yes		
	65	PIPER LN	Yes		Yes
	1	PRESERVATION WAY	Yes		
	2	PRESERVATION WAY	Yes		
	4	PRESERVATION WAY	Yes		Yes
	6	PRESERVATION WAY	Yes		Yes
	8	PRESERVATION WAY	Yes		
	55	SALT POND RD	Yes	Yes	
	25	SCHOOLHOUSE RD	Yes		
	35	SCHOOLHOUSE RD	Yes		
	55	SCHOOLHOUSE RD	Yes		Yes
	85	SCHOOLHOUSE RD	Yes		Yes



Area	Street	Property Connected to MWS	Denied Right of Access	Property on Bottled Water List	Well Met Criteria and is Approved for Irrigation Use
	95	SCHOOLHOUSE RD	Yes		
	200	SCHOOLHOUSE RD	Yes		Yes
	255	SCHOOLHOUSE RD	Yes		
	265	SCHOOLHOUSE RD	Yes		
	325	SCHOOLHOUSE RD	Yes	Yes	
	345	SCHOOLHOUSE RD	Yes		
	395	SCHOOLHOUSE RD	Yes		
	415	SCHOOLHOUSE RD	Yes		
	425	SCHOOLHOUSE RD	Yes		
	455	SCHOOLHOUSE RD	Yes		
	475	SCHOOLHOUSE RD	Yes		
	495	SCHOOLHOUSE RD	Yes		
	535	SCHOOLHOUSE RD	Yes		
	555	SCHOOLHOUSE RD	Yes		
	585	SCHOOLHOUSE RD	Yes		
	615	SCHOOLHOUSE RD	Vacant		
	625	SCHOOLHOUSE RD	No		
	725	SCHOOLHOUSE RD	Yes		
	765	SCHOOLHOUSE RD	Yes		
	795	SCHOOLHOUSE RD	Yes		
	825	SCHOOLHOUSE RD	Yes		
	835	SCHOOLHOUSE RD	Yes		
	855	SCHOOLHOUSE RD	Yes		
	875	SCHOOLHOUSE RD	Yes		
	905	SCHOOLHOUSE RD	Vacant		
	915	SCHOOLHOUSE RD	Yes		Yes
	3	SELAH CIR	Yes		
	4	SELAH CIR	Yes		
	25	SHARON CIR	Yes		Yes
	3070	STATE HWY	Yes		
	3090	STATE HWY	Yes		
	3100	STATE HWY	Yes		
	3120	STATE HWY	Yes		
	3150	STATE HWY	Vacant		
	3180	STATE HWY	Yes		
	3200	STATE HWY	Yes	Yes	
	3300	STATE HWY	No		
	3430	STATE HWY	Yes		
	3440	STATE HWY	Yes		
	3450	STATE HWY	Vacant		
	3460	STATE HWY	Yes		
	3160	STATE HWY (Bayberry)	Yes	Yes	
	3162	STATE HWY (Bayberry)	Yes	Yes	
	3164	STATE HWY (Bayberry)	Yes	Yes	
	3166	STATE HWY (Bayberry)	Yes	Yes	
	3168	STATE HWY (Bayberry)	Yes	Yes	
	3170	STATE HWY (Bayberry)	Yes	Yes	
	3172	STATE HWY (Bayberry)	Yes	Yes	
	3280	STATE HWY (N. Haven)	Yes		



Area	Street	Property Connected to MWS	Denied Right of Access	Property on Bottled Water List	Well Met Criteria and is Approved for Irrigation Use
	3282	STATE HWY (N. Haven)	Yes		
	3284	STATE HWY (N. Haven)	Yes		
	3286	STATE HWY (N. Haven)	Yes		
	3288	STATE HWY (N. Haven)	Yes		
	3290	STATE HWY (N. Haven)	Yes		
	3292	STATE HWY (N. Haven)	Yes		
	3294	STATE HWY (N. Haven)	Yes		
	3296	STATE HWY (N. Haven)	Yes		
	3298	STATE HWY (N. Haven)	Yes		
<b><u>Area East of Schoolhouse Road</u></b>					
	2	ACORN RD	Yes		
	4	ACORN RD	Yes		
	5	ACORN RD	Yes		
	10	ACORN RD	Yes		
	15	ACORN RD	Yes		Yes
	20	ACORN RD	Yes		
	20	ALSTON AVE	Yes		
	50	ALSTON AVE	Yes	Yes	
	65	ALSTON AVE	Yes		Yes
	75	ALSTON AVE	Vacant		
	80	ALSTON AVE	Yes		
	85	ALSTON AVE	Yes		
	100	ALSTON AVE	Yes		
	115	ALSTON AVE	Yes		
	130	ALSTON AVE	Yes		Yes
	135	ALSTON AVE	Yes		
	150	ALSTON AVE	Yes		
	155	ALSTON AVE	Yes		
	185	ALSTON AVE	Yes		
	200	ALSTON AVE	Yes		
	215	ALSTON AVE	Yes		Yes
	15	BALLWIC RD	Yes		
	20	CANDLEWOOD DR	Yes		
	50	CANDLEWOOD DR	Yes		
	55	CANDLEWOOD DR	Yes		
	70	CANDLEWOOD DR	Yes		
	75	CANDLEWOOD DR	Yes		
	100	CANDLEWOOD DR	Yes		
	115	CANDLEWOOD DR	Yes		
	145	CANDLEWOOD DR	Yes		
	150	CANDLEWOOD DR	Yes		
	170	CANDLEWOOD DR	Yes		
	175	CANDLEWOOD DR	Yes		
	200	CANDLEWOOD DR	Yes		
	215	CANDLEWOOD DR	Yes		Yes
	245	CANDLEWOOD DR	Yes		
	250	CANDLEWOOD DR	Yes		
	265	CANDLEWOOD DR	Yes		
	280	CANDLEWOOD DR	Yes		



Area	Street	Property Connected to MWS	Denied Right of Access	Property on Bottled Water List	Well Met Criteria and is Approved for Irrigation Use
	305	CANDLEWOOD DR	Yes		
	310	CANDLEWOOD DR	Yes		Yes
	315	CANDLEWOOD DR	Yes		
	330	CANDLEWOOD DR	Yes		
	335	CANDLEWOOD DR	Yes		
	350	CANDLEWOOD DR	Yes		
	355	CANDLEWOOD DR	Yes		
	365	CANDLEWOOD DR	Yes		Yes
	375	CANDLEWOOD DR	Yes		Yes
	380	CANDLEWOOD DR	Yes		Yes
	385	CANDLEWOOD DR	Yes		Yes
	390	CANDLEWOOD DR	Yes		
	395	CANDLEWOOD DR	Yes		Yes
	400	CANDLEWOOD DR	Vacant		
	10	CESTARO WAY	Yes		
	20	CESTARO WAY	Yes		
	25	CESTARO WAY	Yes		Yes
	30	CESTARO WAY	Yes		
	35	CESTARO WAY	Yes		
	45	CESTARO WAY	Yes		
	50	CESTARO WAY	Yes		
	55	CESTARO WAY	Yes		Yes
	60	CESTARO WAY	Yes		
	65	CESTARO WAY	Yes		
	75	CESTARO WAY	Yes		
	80	CESTARO WAY	Yes		
	85	CESTARO WAY	Yes		
	90	CESTARO WAY	Yes		
	95	CESTARO WAY	Yes		
	5	CHATHAM ST	Yes		
	10	CHATHAM ST	Yes		
	15	CHATHAM ST	Yes		Yes
	20	CHATHAM ST	Yes		
	40	CHATHAM ST	Yes		
	50	CHESTER AVE	No		
	55	CHESTER AVE	Yes		Yes
	65	CHESTER AVE	Yes		Yes
	70	CHESTER AVE	Yes		
	90	CHESTER AVE	Yes		
	95	CHESTER AVE	Yes		
	100	CHESTER AVE	Yes		Yes
	115	CHESTER AVE	Yes		Yes
	120	CHESTER AVE	No		Yes
	25	CHOKEBERRY DR	Yes		
	30	CHOKEBERRY DR	Yes		Yes
	35	CHOKEBERRY DR	Yes		Yes
	40	CHOKEBERRY DR	Yes		Yes
	45	CHOKEBERRY DR	Yes		
	50	CHOKEBERRY DR	Yes		



Area	Street	Property Connected to MWS	Denied Right of Access	Property on Bottled Water List	Well Met Criteria and is Approved for Irrigation Use
	60	CHOKEBERRY DR	Yes		
	10	DEERFIELD LN	Yes		Yes
	15	DEERFIELD LN	Yes		Yes
	20	DEERFIELD LN	Yes		
	25	DEERFIELD LN	Yes		
	30	DEERFIELD LN	Yes		
	35	DEERFIELD LN	Yes		Yes
	40	DEERFIELD LN	Yes		Yes
	45	DEERFIELD LN	Yes		Yes
	50	DEERFIELD LN	Yes		
	55	DEERFIELD LN	Yes		
	60	DEERFIELD LN	Yes		Yes
	65	DEERFIELD LN	Yes		
	70	DEERFIELD LN	Yes		Yes
	75	DEERFIELD LN	Yes		
	80	DEERFIELD LN	Yes		
	90	DEERFIELD LN	Yes		
	95	DEERFIELD LN	Vacant		
	105	DEERFIELD LN	Yes		
	15	DEXTER ST	Yes		
	20	DEXTER ST	Yes		
	25	DEXTER ST	Yes		
	30	DEXTER ST	Yes		
	35	DEXTER ST	Yes		Yes
	4	DOANE ST	Yes		
	20	FAIRVIEW AVE	Yes		Yes
	25	FAIRVIEW AVE	Yes		Yes
	30	FAIRVIEW AVE	Yes		Yes
	35	FAIRVIEW AVE	Yes		Yes
	40	FAIRVIEW AVE	Yes		
	45	FAIRVIEW AVE	Yes		
	50	FAIRVIEW AVE	Yes		Yes
	55	FAIRVIEW AVE	Vacant		
	60	FAIRVIEW AVE	Yes		Yes
	65	FAIRVIEW AVE	Vacant		
	75	FAIRVIEW AVE	Vacant		
	90	FAIRVIEW AVE	Yes		
	95	FAIRVIEW AVE	Vacant		
	115	FAIRVIEW AVE	Yes		
	25	FORREST AVE	Yes		
	30	FORREST AVE	Yes		
	35	FORREST AVE	Yes		Yes
	40	FORREST AVE	Yes		
	325	NAUSET RD	Vacant		
	375	NAUSET RD	Vacant		
	425	NAUSET RD	No	Denied	
	455	NAUSET RD	Yes		
	555	NAUSET RD	Vacant		
	605	NAUSET RD	Yes		



Area	Street	Property Connected to MWS	Denied Right of Access	Property on Bottled Water List	Well Met Criteria and is Approved for Irrigation Use
	645 NAUSET RD	Yes			
	675 NAUSET RD	Yes			
	695 NAUSET RD	Yes			
	725 NAUSET RD	Yes			
	775 NAUSET RD	Vacant			
	855 NAUSET RD	Yes			Yes
	985 NAUSET RD	Yes			
	1005 NAUSET RD	Yes			Yes
	1025 NAUSET RD	Yes			
	1075 NAUSET RD	Yes			Yes
	1105 NAUSET RD	Yes			
	1225 NAUSET RD	Yes			
	1255 NAUSET RD	Yes			Yes
	1385 NAUSET RD	Yes			
	1425 NAUSET RD	Yes			
	1405 NAUSET RD (COA)	Yes			
	555 NAUSET RD REAR	Yes			Yes
	565 NAUSET RD REAR	Yes			
	575 NAUSET RD REAR	Yes			
	585 NAUSET RD REAR	Yes			
	595 NAUSET RD REAR	Yes			
	601 NAUSET RD REAR	Yes			
	10 NAUSET WAY	Vacant			
	25 NAUSET WAY	Vacant			
	35 NAUSET WAY	Vacant			
	15 REDBERRY LN	Yes			
	20 REDBERRY LN	Yes			Yes
	25 REDBERRY LN	Yes			
	35 REDBERRY LN	Yes			
	40 REDBERRY LN	Yes			
	45 REDBERRY LN	Yes			
	55 REDBERRY LN	Yes			
	90 SCHOOLHOUSE RD	Yes			
	100 SCHOOLHOUSE RD	Yes			Yes
	110 SCHOOLHOUSE RD	No	Denied		
	140 SCHOOLHOUSE RD	Yes			
	180 SCHOOLHOUSE RD	Yes			Yes
	210 SCHOOLHOUSE RD	Yes			
	230 SCHOOLHOUSE RD	Yes			
	280 SCHOOLHOUSE RD	Yes			Yes
	300 SCHOOLHOUSE RD	Yes			
	350 SCHOOLHOUSE RD	Yes			
	390 SCHOOLHOUSE RD	Yes			Yes
	400 SCHOOLHOUSE RD	Yes			
	418 SCHOOLHOUSE RD	Yes			Yes
	530 SCHOOLHOUSE RD	Yes			
	560 SCHOOLHOUSE RD	Yes			
	590 SCHOOLHOUSE RD	Yes			Yes
	600 SCHOOLHOUSE RD	Yes		Yes	



Area	Street	Property Connected to MWS	Denied Right of Access	Property on Bottled Water List	Well Met Criteria and is Approved for Irrigation Use
	670	SCHOOLHOUSE RD	Yes		
	690	SCHOOLHOUSE RD	Yes		Yes
	710	SCHOOLHOUSE RD	Yes		
	720	SCHOOLHOUSE RD	No	Denied	
	750	SCHOOLHOUSE RD	Yes		
	760	SCHOOLHOUSE RD	Yes		
	790	SCHOOLHOUSE RD	Yes		
	850	SCHOOLHOUSE RD	Yes		Yes
	940	SCHOOLHOUSE RD	Yes		
	1000	SCHOOLHOUSE RD	Yes		
	5	SEASIDE DR	Yes		Yes
	10	SEASIDE DR	Yes		
	15	SEASIDE DR	Yes		
	20	SEASIDE DR	Yes		
	25	SEASIDE DR	Yes		Yes
	30	SEASIDE DR	Yes		Yes
	40	SEASIDE DR	Yes		
	10	SPINNAKER WAY	Yes		
	20	SPINNAKER WAY	Yes		
	30	SPINNAKER WAY	Yes		
	40	SPINNAKER WAY	Yes		
	50	SPINNAKER WAY	Yes		
	60	SPINNAKER WAY	No		
	70	SPINNAKER WAY	Yes		
	10	SURREY DR	Yes		
	15	SURREY DR	Vacant		
	20	SURREY DR	Yes		
	25	SURREY DR	Yes		
	30	SURREY DR	Yes		
	35	SURREY DR	Yes		Yes
	45	SURREY DR	Yes		
	50	SURREY DR	Yes		
	55	SURREY DR	Yes		
	60	SURREY DR	Vacant		
	65	SURREY DR	Yes		Yes
	15	THORNE RD	Yes		
	20	THORNE RD	Yes		Yes
	25	THORNE RD	Yes		
	30	THORNE RD	Yes		
	35	THORNE RD	Yes		Yes
	40	THORNE RD	Yes		
	45	THORNE RD	Yes		
	50	THORNE RD	Yes		
	55	THORNE RD	Yes		
	60	THORNE RD	Yes		
	65	THORNE RD	Yes		
	70	THORNE RD	No		
	80	THORNE RD	Yes		
	85	THORNE RD	Yes		



Area	Street	Property Connected to MWS	Denied Right of Access	Property on Bottled Water List	Well Met Criteria and is Approved for Irrigation Use
	90	THORNE RD	No		
	100	THORNE RD	No	Denied	
	105	THORNE RD	Yes		
	110	THORNE RD	Yes		
	120	THORNE RD	Yes		Yes
	125	THORNE RD	Yes		
	130	THORNE RD	Yes		
	140	THORNE RD	Yes		
	150	THORNE RD	Yes		
	155	THORNE RD	Yes		
	160	THORNE RD	Yes		
	170	THORNE RD	Yes		Yes
	175	THORNE RD	Yes		Yes
	180	THORNE RD	No	Denied	
	190	THORNE RD	Yes		
	10	TURTLE POND RD	Yes		
	20	TURTLE POND RD	Yes		Yes
	25	TURTLE POND RD	Yes		
	30	TURTLE POND RD	Yes		Yes
	35	TURTLE POND RD	Yes		
	40	TURTLE POND RD	Yes		Yes
	45	TURTLE POND RD	Yes		Yes
	30	WILD GOOSE LN	Yes		
	35	WILD GOOSE LN	Yes		
	40	WILD GOOSE LN	Yes		
	45	WILD GOOSE LN	Yes		Yes
	50	WILD GOOSE LN	Yes		Yes
	55	WILD GOOSE LN	Yes		





August 25, 2017

Town of Eastham Board of Health  
2500 State Highway  
Eastham, MA 02642-2544

Eastham Board of Selectmen  
Eastham Town Hall  
2500 State Highway  
Eastham MA 02643-2544

Subject: Immediate Response Action Completion Statement  
Town of Eastham Landfill  
255 Old Orchard Road, Eastham MA  
RTN 4-24301

Notice is hereby given that the above referenced document has been submitted electronically to the Massachusetts Department of Environmental Protection (MassDEP).

The objective of the Immediate Response Action program was to identify private water wells in the vicinity of the Eastham Landfill that have been impacted by 1,4 dioxane, and to provide alternative safe drinking water to affected residents. A Municipal Water Supply (MWS) system has been constructed and affected residents around the landfill have been connected to this system. Therefore, the condition that created the need for the IRA (i.e., 1,4-dioxane in drinking water at concentrations above the drinking water standard/guideline) has been addressed and the IRA Program is complete.

The submitted documents for this RTN can be viewed on line at <http://public.dep.state.ma.us/fileviewer/Rtn.aspx?rtn=4-0024301> or at the MassDEP Southeast regional office. For more information about these options, please visit <http://www.mass.gov/eea/agencies/massdep/>.

If you have any questions, please contact our office at 508-226-1800.

Sincerely,  
*Environmental Strategies & Management, Inc.*

A handwritten signature in black ink, appearing to read 'D. Heely', is written over a white background.

Douglas Heely, LSP

Copy: MassDEP Southeast Region