

APPENDIX C:
HAZARDOUS WASTE SITES AND SPILLS

TOWNSEND HAZARDOUS WASTE SITES AND SPILLS										
RTN	City/Town	Release Address	Site Name/ Location Aid	Reporting Category	Notification Date	Compliance Status	Date	Phase	RAO Class	Chemical Type
2-0016942	TOWNSEND	ASH ST	WITCHS BROOK PWS GARAGE	TWO HR	1/13/2008	RAO	5/10/2008		A2	Oil
2-0010635	TOWNSEND	77 BALL RD	CLEGHOM OIL INC	TWO HR	1/26/1995	RAO	3/13/1995		A1	Oil
2-0011732	TOWNSEND	60 BARKER HILL RD	SCHEPENS EYE RESEARCH INSTITUTE	72 HR	5/23/1997	RAO	10/21/1999	PHASE II	A2	Oil
2-0012919	TOWNSEND	64 BROOKLINE RD	HAWTHORNE BROOK SCHOOL	TWO HR	8/30/1999	RAO	4/26/2002	PHASE III	A1	
2-0012592	TOWNSEND	45 BROOKLINE ST	LORDEN OIL CO	TWO HR	1/11/1999	RAO	1/12/2000		A2	Oil
2-0012140	TOWNSEND	BROOKLINE ST AND MAIN ST	ROADWAY RELEASE	TWO HR	3/12/1998	RAO	5/18/1998		A2	Oil
2-0013008	TOWNSEND	CROSS ST	LORDEN OIL CO FORMER	120 DY	10/26/1999	RAO	8/29/2006	PHASE IV	A2	Oil
2-0010842	TOWNSEND	12 DUDLEY RD	TOWNSEND HIGHWAY DEPT	72 HR	7/19/1995	RAO	1/28/1998		A2	Hazardous Material
2-0012284	TOWNSEND	241 DUDLEY RD	CORONA FILMS	TWO HR	7/2/1998	RAO	8/7/1998		A1	Oil
2-0000907	TOWNSEND	13 ELM ST	TOWNSEND WEBBER LUMBER	NONE	7/6/1992	RAO	7/14/1997	PHASE II		Oil
2-0010451	TOWNSEND	71 FITCHBURG RD	AIELLO FAMILY TRUST	TWO HR	8/31/1994	RAO	8/30/1995		A2	Oil
2-0014457	TOWNSEND	44 HAYNES RD	TRANSFORMER RELEASE	TWO HR	8/28/2002	RAO	12/20/2002		A2	
2-0012461	TOWNSEND	59 HIGHLAND ST	LORDEN OIL CO	72 HR	10/16/1998	RAO	6/14/2006	PHASE III	A2	Oil
2-0012480	TOWNSEND	59 HIGHLAND ST	NO LOCATION AID	120 DY	11/4/1998	RTN CLOSED	3/1/2006			Oil
2-0011050	TOWNSEND	8 JEFTS ST	NO LOCATION AID	TWO HR	12/23/1995	TIER1D	7/7/2008			Oil
2-0011592	TOWNSEND	5 JOYCE ST	ROADWAY VEHICLE ACCIDENT	TWO HR	2/1/1997	RAO	4/3/1997		A2	Oil
2-0016574	TOWNSEND	130 LUNENBURG RD	FITCHBURG GAS & ELECTRIC TRANSFORMER REL	TWO HR	2/3/2007	RAO	4/6/2007		A2	
2-0010482	TOWNSEND	18 MAIN ST	HARBOR VILLAGE SHOPS	120 DY	9/13/1994	RAO	9/16/1994		B1	Hazardous Material
2-0013163	TOWNSEND	54 MAIN ST	SHEPHERDS AUTO BODY	TWO HR	1/28/2000	RAO	7/3/2000	PHASE II	A1	Hazardous Material
2-0000457	TOWNSEND	98 MAIN ST	HARBOR AUTOBODY	NONE	1/15/1989	TIER 2	7/29/1998	PHASE II		Oil
2-0000641	TOWNSEND	238 MAIN ST	MR MIKES MOBIL	NONE	3/10/1989	RAO	12/29/2003	PHASE V	A2	
2-0017805	TOWNSEND	340 MAIN ST	TOWNSEND FORD	72 HR	3/8/2010	TIER 2	3/10/2011	PHASE II		Oil
2-0013082	TOWNSEND	365 MAIN ST	RTE 119	120 DY	12/14/1999	RAO	1/25/2000		B1	Oil and Hazardous Material
2-0015522	TOWNSEND	365 MAIN ST	NIELSON & BAINBRIDGE	72 HR	12/13/2004	RAO	3/22/2011	PHASE II	A2	Oil
2-0017809	TOWNSEND	365 MAIN ST	NO LOCATION AID	120 DY	3/9/2010	RAO	3/15/2011		A3	Hazardous Material
2-0010578	TOWNSEND	368 MAIN ST	RAJANIEMI BUS CO	TWO HR	12/11/1994	RAO	4/10/1995		A2	Oil
2-0013923	TOWNSEND	56 MASON ST	RESIDENCE	TWO HR	7/27/2001	RAO	6/10/2002		A2	Oil
2-0012468	TOWNSEND	OLD FITCHBURG RD	TOWNSEND DEPT	72 HR	10/26/1998	RAO	10/25/1999		A2	Oil
2-0000348	TOWNSEND	4-20 PHEASANT RIDGE RD	PROPERTY	NONE	1/15/1989	RAO	12/11/1995		A2	
2-0011134	TOWNSEND	RTE 119	MHD FACILITY 46	120 DY	2/15/1996	RAO	2/19/1997		A2	Oil and Hazardous Material
2-0014211	TOWNSEND	RTE 119	WILLARD BROOK STATE FOREST	120 DY	2/22/2002	RAO	8/29/2005	PHASE II	B1	Hazardous Material
2-0000134	TOWNSEND	SCALES LN	BATES CORRUGATED BOX CORP	NONE	1/15/1987	RAO	11/15/2004	PHASE III	A2	108
2-0016936	TOWNSEND	7 TERRACE WAY	RESIDENCE	TWO HR	1/9/2008	RAO	1/16/2009		A2	Oil
2-0014734	TOWNSEND	VINTON ST	WILLARD BROOK STATE FOREST	TWO HR	4/17/2003	RAO	8/21/2003		A1	Oil

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WASTE SITE DEFINITIONS

Release Tracking Number (RTN): The number assigned to every site /reportable release. This number is preceded by 1, 2, 3, or 4 depending on the region where the release/site is located (e.g., 3-0001234). Corresponding regions are: Additional information about RTNs may be found at toknow.htm.

Release Address: The number and street that most accurately describe the site/release location.

Site Name/Location Aid: Describes the site in terms of its location, use, or type ("Bob's Gas Station" or "Across from Building 1").

Reporting Category: How quickly a release must be reported to DEP. The potential severity of a release dictates how soon it must be reported. Reporting categories are 2 hours, 72 hours, and 120 days.

Notification Date: The date DEP uses to establish 21E deadlines. This date is usually the date when the site/release was reported to DEP. However, for some sites, especially those dating before 1993, the notification date may be later than the date DEP first learned about the site.

Compliance Status: 21E sites compliance status definitions:

- **ADEQUATE REG (Adequately Regulated):** A site/release where response actions are deemed adequately regulated under another DEP program or by another government agency.
- **MOU (Memorandum of Understanding):** A site/release where DEP has a Memorandum of Understanding or other written agreement with a responsible party.
- **DPS (Downgradient Property Status):** A site where a DPS Submittal to DEP has stated that contamination on the property is coming from an upgradient property.
- **DPSTRM (Downgradient Property Status Terminated):** A site where Downgradient Property Status has been terminated.
- **INVSUB (Invalid Submittal):** An RAO Statement that was submitted for the site has been determined to be invalid by DEP.
- **RAO (Response Action Outcome):** A site/release where an RAO Statement was submitted. An RAO Statement asserts that response actions were sufficient to achieve a level of no significant risk or at least ensure that all substantial hazards were eliminated.
- **REMOPS (Remedy Operation Status):** A site where a remedial system which relies upon Active Operation and Maintenance is being operated for the purpose of achieving a Permanent Solution.
- **RTN Closed:** Future response actions addressing the release associated with this Release Tracking Number (RTN) will be conducted as part of the response actions planned for the site under another "primary" RTN.
- **SPECPR (Special Project):** The site has Special Project status.
- **STMRET (Statement Retracted):** An RAO Statement that had been submitted for the site has been retracted.
- **TCLASS (Tier Classification):** A site/release where a Tier Classification Submittal was received, but the classification type has not been confirmed by DEP.
Note: Sites are usually Tier Classified using the Numerical Ranking System (NRS). The NRS scores sites on a point system based on a variety of factors. These include the site's complexity, the type of contamination, and the potential for human or environmental exposure to the contamination. In addition, some sites are automatically classified as Tier 1 sites if they pose an imminent hazard, affect public water supplies, or miss regulatory deadlines.
- **TIER 1A:** A site/release receiving a total NRS score equal to or greater than 550. These sites/releases require a permit and the person undertaking response actions must do so under direct DEP supervision.
- **TIER 1B:** A site/release receiving an NRS score of less than 550 and equal to or greater than 450. These sites/releases also require a permit, but response actions may be performed under the supervision of a Licensed Site Professional (LSP) without prior DEP approval.
- **TIER 1C:** A site/release receiving a total NRS score of less than 450 and equal to or greater than 350. A site/release receiving a total NRS score of less than 350, but which meets any of the Tier 1 Inclusionary Criteria specified in 310 CMR 40.0520(2)(a), is also classified a Tier 1C. These sites/releases also require a permit, but response actions may be performed under the supervision of an LSP without prior DEP approval.
- **TIER 2:** A site/release receiving a total NRS score of less than 350, unless the site meets any of the Tier 1 Inclusionary Criteria (see above). Permits are not required at Tier 2 sites/releases and response actions may be performed under the supervision of an LSP without prior DEP approval. All pre-1993 transition sites that have accepted waivers are categorically Tier 2 sites.
- **TIER 1D:** A site/release where the responsible party fails to provide a required submittal to DEP by a specified deadline. Note: formerly **Default Tier 1B**.
- **UNCLASSIFIED:** A release that has not reached its Tier Classification deadline (usually one year after it was reported), and where an RAO Statement, DPS Submittal, or Tier Classification Submittal has not been received by DEP.

The following definitions apply to sites that were reported to DEP prior to October 1993 and which were regulated under an older version of the MCP:

- **DEPNDS:** DEP Not a Disposal Site means that DEP has determined that these locations did not need to be reported and are not disposal sites.
- **DEPNFA:** DEP No Further Action means that response actions were conducted and DEP determined that no further action was needed for the site.
- **LSPNFA:** LSP No Further Action means that response actions were conducted and an LSP has determined that no further action was needed for the site.
- **PENNDs:** Pending Not a Disposal Site means a document was submitted to DEP asserting that these locations did not need to be reported and are not disposal sites. These submittals are considered pending until DEP audits them.

- **PENNFA:** Pending No Further Action means a document was submitted to DEP asserting that a site assessment had determined that no further action was required. These submittals are considered pending until DEP audits them.
- **WCSPRM:** A Waiver Completion Statement has been submitted to DEP.
- **Compliance Status Date:**
 - The date a release/site was listed as its current compliance status.
- **Phase:**
 - Indicates the release/site cleanup phase.
- **No Phase:** Phase report not required or not submitted.
- **Phase I:** Initial Site Investigation, including Tier Classification. In this phase, samples are collected and analyzed to determine the types, amounts, and location of contaminants.
- **Phase II:** Comprehensive Site Assessment. During Phase II, the risks posed to public health, welfare, and the environment are determined.
- **Phase III:** Identification, Evaluation, and Selection of Comprehensive Remedial Action Alternatives and the Remedial Action Plan. In Phase III, cleanup options are assessed and a cleanup plan is selected.
- **Phase IV:** Implementation of the Selected Remedial Action Alternative and Remedy Implementation Plan. The cleanup plan is implemented in Phase IV.
- **Phase V:** Operation, Maintenance, and/or Monitoring. During Phase V, long-term treatment processes are implemented and monitored to track cleanup progress.
- **RAO Class:**

The class of Remedial Action Outcome submitted to the Department:

 - **Class A RAO-** Remedial work was completed and a level of "no significant risk" has been achieved.
 - A1:** A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
 - A2:** A permanent solution has been achieved. Contamination has not been reduced to background.
 - A3:** A permanent solution has been achieved. Contamination has not been reduced to background and an [Activity and use Limitation \(AUL\)](#) has been implemented.
 - A4:** A permanent solution has been achieved. Contamination has not been reduced to background and an [Activity and use Limitation \(AUL\)](#) has been implemented. Contamination is located at a depth of >15 feet but evaluation has determined that it is not feasible to reduce it.
 - **Class B RAO-** Site assessment indicates that "no significant risk" exists. No remedial work was necessary.
 - B1:** Remedial actions have not been conducted because a level of No Significant Risk exists.
 - B2:** Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more [Activity and use Limitations \(AULs\)](#) that have been implemented.
 - B3:** Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more [Activity and use Limitations \(AULs\)](#) that have been implemented, and contamination is located at a depth of >15 feet but evaluation has determined that it is not feasible to reduce it.
 - **Class C RAO-** A temporary cleanup. Although the site does not present a "substantial hazard", it has not reached a level of no significant risk. The site must be evaluated every five years to determine whether a Class A or Class B RAO is possible. All sites are expected eventually to receive a Class A or B RAO.
- **Note:** **Activity and Use Limitations (AULs)** are legal restrictions used in the context of the Massachusetts Contingency Plan to limit future exposure to contaminants remaining at a site. See [Guidance on Implementing Activity and Use Limitations](#) for additional information.