

# MassDEP and Local BOH

## MHOA Meeting

March 5, 2024



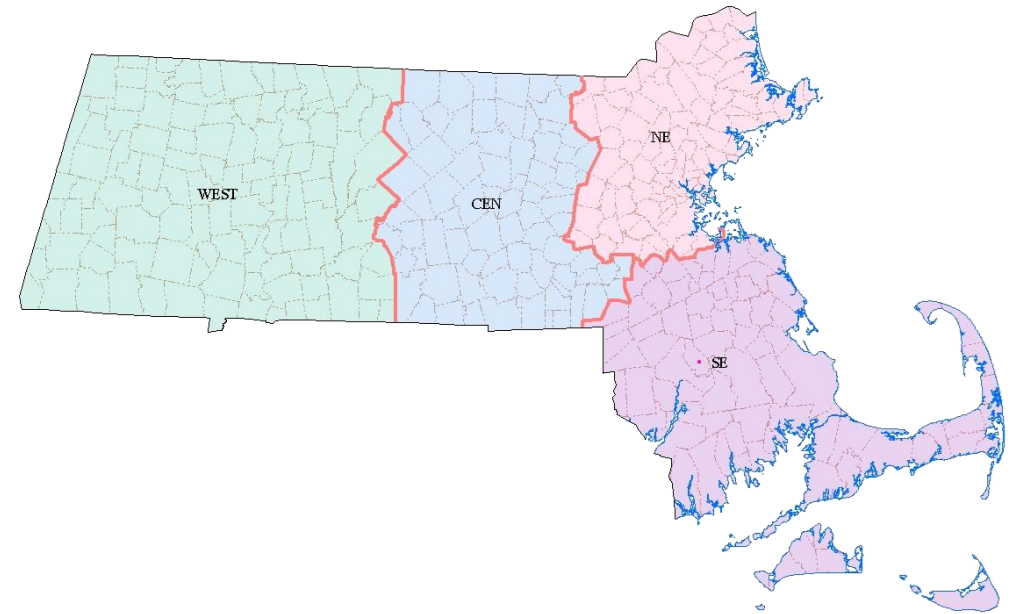
**MassDEP**

Commonwealth of Massachusetts  
Department of Environmental Protection

Cathy Kiley  
Emergency Planning and Response Coordinator  
MassDEP | Bureau of Waste Site Cleanup  
[Cathy.Kiley@mass.gov](mailto:Cathy.Kiley@mass.gov)

# MassDEP Offices

- Headquarters in Boston
  - 100 Cambridge St
- 4 Regional Offices
  - NERO – 150 Presidential Way, Woburn
  - SERO – 20 Riverside Dr, Lakeville
  - CERO – 8 New Bond St, Worcester
  - WERO – 436 Dwight St, Springfield
- <https://www.mass.gov/orgs/massachusetts-department-of-environmental-protection>



# MassDEP Organization

- Bureau of Air and Waste
  - Hazardous Waste, Solid Waste, Air, Climate
- Bureau of Water Resources
  - Drinking water, wastewater, septic, wetlands
- Bureau of Waste Site Cleanup
  - Emergency Response
  - Waste sites
- Environmental Strike Force

# MassDEP Organization



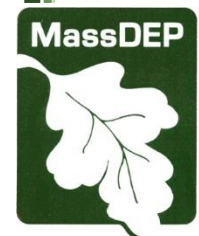
# MassDEP Regions and ER Section Chiefs

- David Slowick – Western Regional Office
- Anthony Kurpaska – Central Regional Office
- Andrew Clark – Northeast Regional Office
- Daniel Crafton – Southeast Regional Office
- Cathy Kiley—Boston-ER Coordinator



# MassDEP's Emergency Response Section

- Part of the Bureau of Waste Site Cleanup
- 24/7 On-Call Personnel
- 1,106 Releases/1052 Complaints statewide in FY23
- Response with State-Funded Contractors
- Privatized Program- Licensed Site Professionals



## MassDEP Staff Capabilities - ER

- Significant years of experience in handling all types of incidents
  - training a new generation
- Trained to hazardous materials technician level
- Trained to asbestos inspector level
- Incident Command System 100, 200, 300 and above
- Specialized training (WMD, explosive recognition, hazmat sampling)

# Emergency Response

- Emergency Response 24/7/365
- 24-Hour Hotline
- Release or threats of oil and/or hazmat
  - Petroleum most common spilled material
  - Roadway or residential most common location
  - Commercial and Industrial releases
- MGL ch 21E and 310 CMR 40.0000
- MassDEP tasked with protection of public safety, public health, public welfare, and the environment
- Release prevention an important component



**MASSDEP**  
EMERGENCY NOTIFICATION

**888-304-1133**

- ▶ **Oil/Hazardous Material Leaks/Releases/Spills**  
Examples: 10 Gal. Petroleum or 25 Gal. Transformer Oil to Ground, Petroleum to Surface Water Causing Sheen
- ▶ **Drinking Water Emergencies**  
Examples: Contamination, Distribution/Plant Failures, Source Loss
- ▶ **Wastewater Emergencies**  
Examples: Bypasses, Failures, Overflows, Power Outages
- ▶ **Other Environmental Emergencies**  
Examples: Threats from Air Pollution, Industrial Wastewater, Large Quantities of Hazardous Waste



# Incidents - Complaints

- Mass DEP may receive reports of Complaints:

- <https://www.mass.gov/how-to/report-environmental-violations>
- Intake through office phone or emergency line
- Several referred to BOH or joint inspection requested

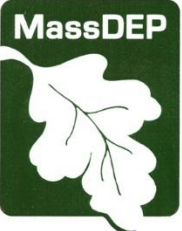
### Report environmental violations

Let us know about environmental activity that you suspect is illegal and/or places the public's health or our natural resources at risk

Find Your Issue & File A Complaint →

THE DETAILS		CONTACT
What you need	<b>What you need</b> For an oil spill or leak, the release of hazardous materials or other immediate threat to public health, please <a href="#">Report a Spill or Environmental Emergency</a>	<b>Environmental Strike Force</b>
How to report	For environmental issues that you suspect are against the law and/or placing people's health or natural resources at risk, please <a href="#">Find Your Issue &amp; File a Complaint</a> .	<b>Phone</b> 1-888-846-5283
Next steps		<b>Online</b> esf.hotline@mass.gov
Contact		
	<b>How to report</b>	
	Online +	
	By phone +	

TABLE OF CONTENTS	
✓	Asbestos
✓	Burning (outdoors and indoors)
✓	Construction or Sand and Gravel Operations
✓	Dumping or Improper Disposal / Storage
✓	Dust or Odor Issues
✓	Farms and Animal Operations
✓	Heaters or Heating Equipment
✓	Idling or Smoky Vehicles
✓	Illegal operations, activities or false reports
✓	Indoor Air Quality
✓	Landfills and Recycling
✓	Manufacturing and Power Plants
✓	Noise Disturbances
✓	Pollution / Discharges to Water or Ground
✓	Quarries and Mines (Blasting Activities)
✓	Rubble Operations
✓	Septic systems / discharge of sewage / Title 5 issues
✓	Small Business Operations
✓	State Highways, Traffic, Noise Barriers
✓	Town Services (Street repair, public works, sanitation)
✓	Waste Sites
✓	Wetlands



## 2-Hour Notifications

- Release to environment above Reportable Quantity (RQ):

<https://eeaonline.eea.state.ma.us/DEP/MOMHL/hazmat.aspx>

- Petroleum--10 gallons- gasoline, diesel fuel, waste oil etc.
- Waste Vegetable Oil- 55 gallons
- Transformer Oil or MODF (PCB less than 2 ppm)—25 gallons
- Releases to surface water (“sheen”)
- Human health impacts-poses or could pose imminent hazard (IH)—Risk based—Releases to Drinking water and indoor air
- IH concentrations of OHM in surface soil—listed for As, Cd, Cr IV, CN, Hg, Methyl Hg, and PCBs
- Fishkill- attributable to OHM release

# 72-hour Notifications

Including but not limited to:

- Underground Storage Tank (UST) Release- leaks during usage or discovered at time of removal;
- Release to groundwater near public and private water supplies;
- Conditions of Substantial Release Migration;
- Threat of Vapor Intrusion—GW-2 Standards exceeded near occupied residence; school
- Free Phase petroleum (LNAPL) near a sensitive receptor (residence).

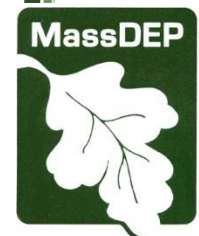
# 120-Day Notifications

- Generally submitted as a result of due diligence: discovery of OHM above applicable reportable concentrations (RCs) for soil and groundwater
- No existing IRA condition, but LSP must continue to evaluate the site for any IRA Conditions (2-hr, 72-hr. notifications)
- PRP submits complete Release Notification Form - information sometimes limited
- ER Section processes 120-Day notifications and issues NOR w/cc to BOH - call if any questions

# Releases Exempt from Notification

- Passenger vehicle accidents
- Releases “completely” contained in buildings or utility vaults
- Releases from lead paint emanating from original application site
- Release from building materials still in use
- Pesticides applied in accordance with labeling
- Release of propane and some liquified gases- public safety component
- Sheen from “normal” roadway and parking lot runoff
- Releases to sanitary sewer system with exceptions

Exempt does not mean we don't respond!



# Emergency Response



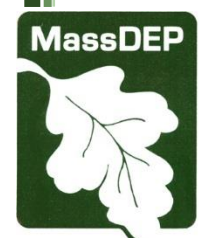
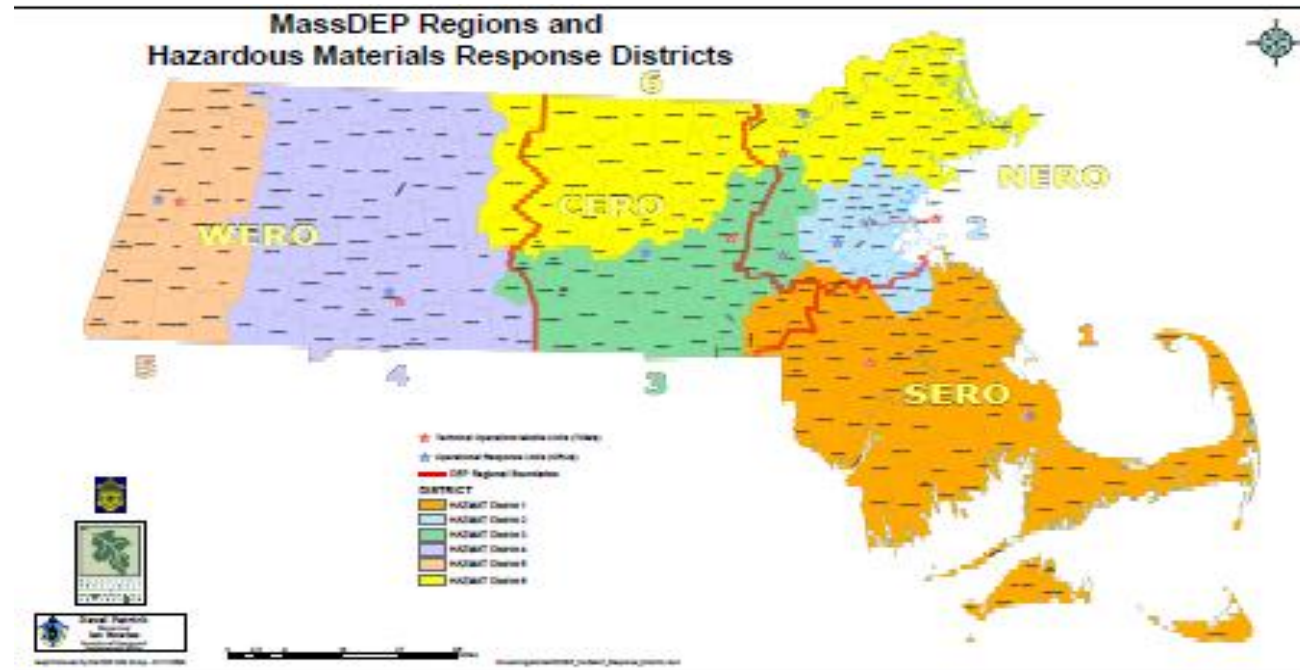
# Emergency Response

- Authorized to commit MassDEP resources to address Imminent Hazards and other risk to public health and safety
- Operate under Incident Command System
- Joint response with Fire Departments and State Hazmat Teams
- US EPA and US Coast Guard



# Emergency Response

- Joint Response with Fire Department and DFS Hazmat
  - Hazmat operates six regional Hazmat teams (Districts) to provide support to local fire department across the Commonwealth with technical information, expertise and specialized equipment.
  - Each Regional ER program coordinates with respective Hazmat District



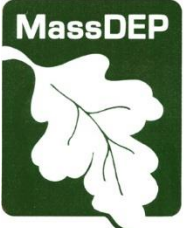
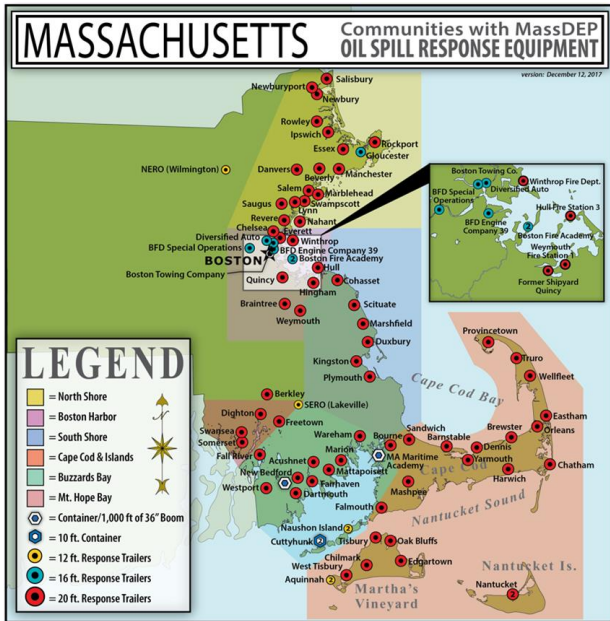


# Emergency Response

- Hazmat response defined as follows, with Tier 1 being the “lowest” and Tier 5 the “highest” (from DFS website):
  - Tier 1 – Hazardous & Risk Assessment – suspicious substance, open and loose suspicious powders
  - Tier 2 – Short Term Operation – Limited release;
  - Tier 3 – Long Term Operation – Full Team – Large Release;
  - Tier 4 – Multi District Response – Multi-operational period; and
  - Tier 5 – WMD/Mass Contamination - Full System Response (all District teams).
- Threat of Fire or Explosion – MassDEP Role
  - Support and Science role to FD and/or District Hazmat Team
  - Ambient Air Monitoring
  - Modeling Dispersion and Dilution
  - Field reconnaissance
  - Transition to Incident Command once public safety threat eliminated

# Emergency Response

- Massachusetts Oil Spill Prevention and Response Act
  - Trailers, Geographic Response Strategies (GRS) development, testing and First Responder training
- Incident Preparedness and Planning
  - Area Committees, Regional Response Team
  - Government Industry lead exercise
  - Outreach
- All Hazards Planning
  - Internal MassDEP planning – floods, fires, hurricanes, tornado
  - Local and regional emergency planning committees
- FEMA Emergency Management Assistance Compact



# Emergency Response

- Airplane Releases



- Roadway Accidents



## Recent Fire- Orange Cereal Mill, WERO

- Large building fire- abandoned mill
- Asbestos-containing roofing debris carried with fire thermals over a 2-mile downwind area- residential area, open space and surface water
- Building demolished and pile of debris left
- Town-funded and State-funded contractors retained to collect debris and cleanup river debris and initiate initial removal/consolidation
- State-funded contractor retained to cover remaining fire debris
- Town successfully pursued an earmark for complete removal of debris- in planning stages

# Recent Fire - Mace Polymers Fire, Dudley; CERO



# Emergency Response and BOH

- Heating Oil releases
- Mercury response
  - Thermometers, Barometers
  - Tier I DFS Hazmat – residence/school
  - Guidance for Compact Fluorescent Light (CFL) Bulbs
  - Guidance on response <https://www.mass.gov/guides/massdep-mercury-information>
  - Guidance for mercury spills at home: Prevention and response <https://www.mass.gov/info-details/mercury-spills-at-home-what-do-do>







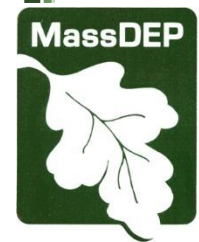
# Emergency Response and BOH

- Illegal dumping/abandoned waste



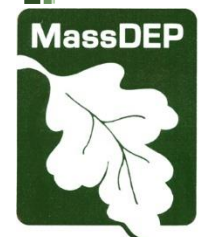
# General Guidelines- Dumping Discoveries

- Handle with common sense, erring on side of caution
- Notify local fire officials ASAP
- Treat each incident as a crime scene, involving local police in investigation
- For “significant” incidents, contact MassDEP
- Determine ownership of property and contact landowner.



# MassDEP Response

- At request of local public safety officials and/or property owner
- Assist in securing dumping area
- Determine if a criminal investigation is warranted- Local Police and Environmental Crimes Strike Force (ESF)
- Sample and screen materials- field and laboratory testing
- Arrange for disposal utilizing state-funded contractor if landowner unable or unwilling
- Assess to determine if soil and groundwater have been impacted, and coordinate follow-up cleanup
- Coordinate follow-up investigation with law enforcement and/or ESF
- Address recovery of response action costs if possible



# Emergency Response and BOH

## ○ MassDEP List of Emergency Response/Hazardous Waste Transporters

<https://www.mass.gov/service-details/lists-of-emergency-response-hazardous-waste-transporters>

### List of licensed Hazardous Waste (HW) Transporters who can provide Emergency Response Services in MassDEP's Southeast Region (SERO)

This list is provided by MassDEP to assist parties responsible for releases of Oil and/or Hazardous Materials (OHM) which pose an Imminent Hazard or Public Safety Threat, or for other situations that require the immediate retention of an emergency response contractor. Note that contractors listed below in **bold** are contractors who are contractually pre-qualified to undertake necessary response actions on behalf of the MassDEP if the responsible party is unable or unwilling to do so. There may be other companies that are qualified to complete necessary response actions. **MassDEP Personnel cannot recommend or endorse any specific contractor.**

Responsible parties have additional options for obtaining other qualified cleanup contractors, subject to approval by MassDEP, who can conduct response actions within required timeframes. Options include, but are not limited to:

1. Consult your fuel provider;
2. Consult your insurance provider;
3. Conduct an internet search for Massachusetts "oil spill" or "environmental" cleanup contractors;
4. Massachusetts State-Wide Contract FAC-110: Hazardous/Universal, Medical, Electronic Waste Disposal and Emergency Response <https://www.mass.gov/doc/fac110/download>.

MassDEP reserves the right to reject a contractor who in MassDEP's judgment is deemed unqualified or will not be able to provide necessary response actions within required timeframes.

Licensed Hazardous Waste Transporter	City, State	Phone	Response Type
1 All and Inclusive Environmental, Inc.	Charlestown, MA	866-204-0444	OHM
2 ACV Enviro Corporation	Norfolk, MA	866-777-4557	OHM
3 <b>Clean Harbors, Inc. *</b>	Norwell, MA	800-645-8265	OHM
4 Cyn Oil Corporation	Stoughton, MA	800-242-5818	OHM
5 <b>Frank Corp</b>	New Bedford, MA	508-995-9997	Oil
6 <b>Global Remediation Services, Inc.</b>	Taunton, MA	508-828-1005	OHM
7 Mill City Environmental Corp	Lowell, MA	978-654-6741	OHM
8 Miller Environmental Group	Springfield, MA	866-989-3559	OHM
9 <b>Moran Environmental Recovery, LLC *</b>	Randolph, MA	888-233-5338	OHM
10 <b>New England Disposal Technologies *</b>	Sutton, MA	800-698-1865	OHM
11 <b>NRC East Environmental Services *</b>	Franklin, MA	800-899-4672	OHM
12 Trident Environmental Group, LLC	Marlborough, MA	888-590-8841	OHM
13 Triumvirate Environmental, Inc.	Somerville, MA	800-966-9282	OHM
14 US Ecology	Wrentham, MA	800-426-9878	OHM
15 Western Oil, Inc.	Lincoln, RI	800-240-5540	Oil

**BOLD** MassDEP Emergency Response Contractor

\* MassDEP Emergency Response Contractor able to respond to Lithium Battery events

### List of licensed Hazardous Waste (HW) Transporters who can provide Emergency Response Services in MassDEP's Northeast Region (NERO)

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3. Conduct an internet search for Massachusetts "oil spill" or "environmental" cleanup contractors;
4. Massachusetts State-Wide Contract FAC-110: Hazardous/Universal, Medical, Electronic Waste Disposal and Emergency Response <https://www.mass.gov/doc/fac110/download>.

MassDEP reserves the right to reject a contractor who in MassDEP's judgment is deemed unqualified or will not be able to provide necessary response actions within required timeframes.

Licensed Hazardous Waste Transporter	City, State	Phone	Response Type
1 All and Inclusive Environmental, Inc.	Charlestown, MA	866-204-0444	OHM
2 Boston Green Company	Lakeville, MA	888-338-2657	OHM
3 <b>Clean Harbors, Inc. *</b>	Norwell, MA	800-645-8265	OHM
4 Cyn Oil Corporation	Stoughton, MA	800-242-5818	OHM
5 <b>Global Remediation Services, Inc.</b>	Taunton, MA	508-828-1005	OHM
6 Green Site Services Group, Inc.	Bellingham, MA	855-977-2020	OHM
7 Mill City Environmental Corp	Lowell, MA	978-654-6741	OHM
8 <b>Moran Environmental Recovery, LLC *</b>	Randolph, MA	888-233-5338	OHM
9 <b>New England Disposal Technologies *</b>	Sutton, MA	800-698-1865	OHM
10 <b>NRC East Environmental Services/US Ecology *</b>	Salisbury, MA	800-899-4672	OHM
11 Trident Environmental Group, LLC	Marlborough, MA	888-590-8841	OHM
12 Triumvirate Environmental, Inc.	Somerville, MA	800-966-9282	OHM
13 Western Oil, Inc.	Lincoln, RI	800-240-5540	Oil

**BOLD** MassDEP Emergency Response Contractor

\* MassDEP Emergency Response Contractor able to respond to Lithium Battery events

### List of licensed Hazardous Waste (HW) Transporters who can provide Emergency Response Services in MassDEP's Central Region (CERO)

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2 ACV Enviro Corporation	Norfolk, MA	866-777-4557	OHM
3 <b>Clean Harbors, Inc. *</b>	Norwell, MA	800-645-8265	OHM
4 Cyn Oil Corporation	Stoughton, MA	800-242-5818	OHM
5 <b>Environmental Services, Inc. *</b>	South Windsor, CT	800-486-7745	OHM
6 <b>Frank Corp</b>	New Bedford, MA	508-995-9997	Oil
7 <b>Global Remediation Services, Inc.</b>	Taunton, MA	508-828-1005	OHM
8 Mill City Environmental Corp	Lowell, MA	978-654-6741	OHM
9 Miller Environmental Group	Springfield, MA	866-989-3559	OHM
10 <b>Moran Environmental Recovery, LLC *</b>	Randolph, MA	888-233-5338	OHM
11 <b>New England Disposal Technologies *</b>	Sutton, MA	800-698-1865	OHM
12 <b>NRC East Environmental Services/US Ecology *</b>	Franklin, MA	800-899-4672	OHM
13 Oil Recovery Corporation	W. Springfield, MA	413-737-2949	Oil
14 Trident Environmental Group, LLC	Marlborough, MA	888-590-8841	OHM
15 Triumvirate Environmental, Inc.	Somerville, MA	800-966-9282	OHM
16 <b>Western Mass Environmental</b>	W. Springfield, MA	866-662-2622	OHM
17 Western Oil, Inc.	Lincoln, RI	800-240-5540	Oil

**BOLD** MassDEP Emergency Response Contractor

\* MassDEP Emergency Response Contractor able to respond to Lithium Battery events

### List of licensed Hazardous Waste (HW) Transporters who can provide Emergency Response Services in MassDEP's Western Region (WERO)

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2 Cyn Oil Corporation	Stoughton, MA	800-242-5818	OHM
3 <b>Environmental Services, Inc. *</b>	South Windsor, CT	800-486-7745	OHM
4 J.H. Maxymilian, Inc.	Pittsfield, MA	413-499-3050	Oil
5 Miller Environmental Group	Springfield, MA	866-989-3559	OHM
6 <b>New England Disposal Technologies *</b>	Sutton, MA	800-698-1865	OHM
7 <b>NRC East Environmental Services/US Ecology *</b>	Franklin, MA	800-899-4672	OHM
8 Oil Recovery Corporation	W. Springfield, MA	413-737-2949	Oil
9 Trident Environmental Group, LLC	Marlborough, MA	888-590-8841	OHM
10 <b>Western Mass Environmental</b>	W. Springfield, MA	866-662-2622	OHM

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# Reportable Releases—Public File

- Release Tracking Number (RTN) assigned by MassDEP for notifications
- Public Electronic File Links:

<https://www.mass.gov/find-out-about-a-contaminated-property>

- Searchable by town/address:
  - <https://eeaonline.eea.state.ma.us/portal#!/search/wastesite>
- RTN known:
  - [https://eeaonline.eea.state.ma.us/DEP/wsc\\_viewer/main.aspx](https://eeaonline.eea.state.ma.us/DEP/wsc_viewer/main.aspx)

# Questions?



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