

# Massachusetts Waste Site Clean-up Program: A 21E Overview & What's New

2010 MassDEP/ MHOA  
Health Officer Seminars

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## Agenda

- Overview / Program Elements
- M.G.L c.21E & the MCP - Waste Site Cleanup Program
  - Notification & Emergency Response
  - Risk Reduction
  - Phased Process
  - Endpoints
  - Oak Street Site example
- Notices You Receive & How to Use Them
  - MassDEP Website / File Viewer
- Mini Case Studies
- Other Resources
- Questions and Answers

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## Overview / Program Elements

- Ch. 21E Enacted in 1983
- Privatized Program since 1993
- Comprehensive Regulations
  - "How to" notify, assess & cleanup releases of oil and/or hazardous materials
  - Technical submittals at key decision points
  - Notification to local officials and the public

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## Major Program Components

- Notification
- Levels of Cleanup / Process Endpoints
- Emergency Response
- Facilitating Brownfields Redevelopment
- Early Risk Reduction
- Ensuring Compliance
- Tier Classification & Phased Process
- Enforcement
- Involving the Public

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## Who Makes it Work?

- MassDEP Bureau of Waste Site Cleanup
- Potentially Responsible Parties (PRPs)
- Licensed Site Professionals (LSPs)
- Local officials
- The Public
- U.S Environmental Protection Agency (USEPA) & US Coast Guard (USCG)



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## What is an LSP?

An individual with a college degree in science or engineering who has:

- At least 5 years of experience conducting and overseeing hazardous waste site assessment and remediation at the decision-making level
- At least 8 years of total professional experience
- Passed Board's exam (technical and regulatory)

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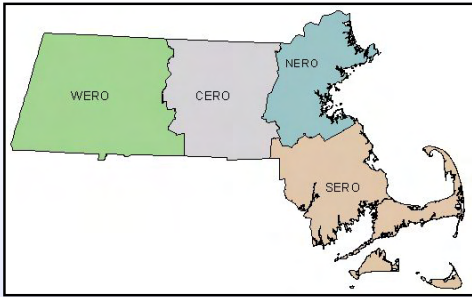
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## Regional Boundaries



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## Notification Requirements

- Who must notify ?
  - Potentially Responsible Party (PRP)
    - Often more than one PRP
- What information is required ?
  - Release Log Form (RLF)
  - Release Notification Form (RNF)
- When should notification be made ?
  - As soon as possible or within the applicable time frame
    - 2 hr, 72 hr or 120 day

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## Notification

Massachusetts Oil and Hazardous Materials List (MOHML)

CHEMICAL NAME	CAS NO.	RQ (lb/week)	RQ (lb)	NAME	Reportable Concentrations (RCs)			
					OS1 (mg/l)	OS2 (mg/l)	OS3 (mg/l)	OS4 (mg/l)
TRICHLOROACETALDEHYDE	00075-87-6	100	6		10	100	1000	10000
TRICHLOROACETYL CHLORIDE	00078-02-8	1	4		0.1	1	10	100
1,2,4-TRICHLOROBENZENE	120-42-1	10	1,233.6	0.07	2	2	2	70
1,1,1-TRICHLOROETHANE	71-55-6	50	1,233.6	0.2	4	30	600	
1,1,2-TRICHLOROETHANE	79-00-5	10	2,135.6	0.005	0.9	0.1	2	
TRICHLOROETHENE	79-01-6	10	1,233.6	0.005	0.03	0.3	2	
TRICHLOROETHYLENE	79-01-6	10	1,233.6	0.005	0.03	0.3	2	
TRICHLOROETHYLENE	00115-31-0	1	6.42	0.1	3	10	100	
TRICHLOROPOLYBROMETHANE	00075-89-4	100	1,623.8	10	100	1000	10000	
TRICHLOROMETHANE	67-66-3	5	1,233.6	0.03	0.03	0.3	0.3	

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## Notification

Massachusetts Oil and Hazardous Materials List (MOHML)  
Searchable On-line

MassDEP  
Massachusetts Department of Environmental Protection

Massachusetts Oil and Hazardous Material List

Enter Search Criteria

Chemical Name:

CAS Number:

Results per page: 25

The search returned 1 results. Displaying 1 results per page.

Chemical Name	CAS Number	Reportable Quantity	RQ1	RQ2	RQ3	RQ4	RQ5
TRICHLOROETHYLENE	0007614	10	1000	500	25		

One Winter Street Boston, Massachusetts 02108-4172-9999  
MassDEP Home Contact: [mass@state.ma.us](mailto:mass@state.ma.us) Privacy Policy

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## Notification - 2 hour

### • 2 Hour:

- Sudden releases = or > Reportable Quantity (RQ)
- Threat of a sudden release
- Oil sheen on surface water
- Release detected in a private drinking water well
- Release that poses / could pose Imminent Hazard
- Release to a storm drain
- Sanitary sewer release

**Verbal Approval Given to Conduct  
Immediate Response Actions (IRAs)**

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## Emergency Response

- Coordinate with many entities and agencies
  - Local:
    - Fire Department, Board of Health, Department of Public Works, Conservation, Harbormaster...
    - Concerned citizens
  - State:
    - Police, Mass Highway, HazMat Team, Marine Fisheries, Department of Public Health...
  - Federal:
    - Coast Guard, EPA...
  - Potentially Responsible Parties, Licensed Site Professionals, Contractors...

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## Notification & Emergency Response

365 days / 24 hours / 7 days per week



Green Magnets / Stickers Available

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## Emergency Response

Over 1000 release notifications received / year  
Sudden Releases : 2 hour notifications



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## Emergency Response

Marine Releases



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## Emergency Response



Mixed Cargo

### Train Derailments



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## Emergency Response

Fish Kills: SOP with the Division of Fish & Wildlife  
Is the cause natural or potentially pollution?



What is it?



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## Notification – 72 hour

### • 72 Hour:

- Underground Storage Tank (UST) release: headspace soil screening readings >100 ppm
- Threat of UST release: inventory
- Subsurface Non-Aqueous Phase Liquid (NAPL) = or > ½ inch
- Release to groundwater near a school, residence or water supply
- Condition of Substantial Release Migration (SRM)



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## Condition of Substantial Release Migration (SRM)

- Releases to groundwater that may migrate >200 feet / year
- Releases that (within 1 year) might:
  - Impact public/private water supply, surface water body, or wetland; or
  - Discharge vapors into school or occupied residence

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## Critical Exposure Pathway (CEP)

- Ways/routes contaminants can get to human receptors:
  - Via vapors in a pre-school, daycare, school or occupied residence; or
  - Via ingestion, dermal absorption or inhalation from a water supply at any of the above

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## Release Log Form

- 2 & 72 Hour Notifications
- Filled out by ER Staff at time of notification
- Release Tracking Number Assigned
- Verbal approval provided to perform Immediate Response Actions (IRAs)

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## Release Notification Form

Where →

What & When →

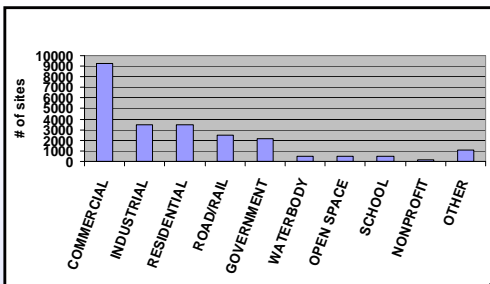
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## Release Notification Form

PRP →

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## Types of Properties Affected



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## Residential Heating Oil Releases

#2 Fuel Oil is dyed red for tax purposes



Flooded Basement



Groundwater Impact

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## Homeowner Oil Heating System Upgrade and Insurance Law (Chapter 453 of the Acts of 2008)

To address oil leaks from home heating systems, this law has two major provisions:

1. the installation of either an oil safety valve or an oil supply line with protective sleeve on systems that do not currently have these devices; and
2. insurance companies that write homeowner policies to offer coverage for leaks from heating systems that use oil.
  - mandatory that insurance companies offer this coverage
  - Optional for homeowners to purchase.

Effective date for both provisions is July 1, 2010.

(FACT SHEETS AVAILABLE AS HANDOUTS)

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## Homeowner Oil Heating System Upgrade and Insurance Law (Cont.) (Chapter 453 of the Acts of 2008)

- **Who must take action:**
  - Owners of 1- to 4-unit residences that are heated with oil must already have or install an oil safety valve or an oil supply line with a protective sleeve by a licensed oil burner technician.
  - Heating oil systems installed on or after January 1, 1990 most likely are already in compliance because state fire codes implemented these requirements on new installations at that time.
  - Cost: The typical cost of installing either an oil safety valve or oil supply line with a protective sleeve ranges from \$150 - \$350 (including labor, parts, and local permit fees).
- **Who is exempt:**
  - the oil burner is located above the oil storage tank and the entire oil supply line is connected to and above the top of the tank OR
  - an oil safety valve or oil supply line with protective sleeve was installed on or after January 1, 1990, AND
  - those changes are in compliance with the oil burning equipment regulations; a copy of the oil burner permit from the local fire department may be used to demonstrate compliance.

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## Residential Heating Oil Releases

### Boards of Health

- Local knowledge
  - Private or public water supplies, septic or sewer systems
  - Identify other receptors
  - Property owners, history etc.
- Evaluate need for occupant relocation
  - Indoor Air Thresholds
  - Scope / level of clean up actions performed
    - occupants often relocate temporarily on their own

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## Residential Heating Oil Releases

### Homeowner Oil Spill Cleanup Guide

Developed in 2004 / 20 pages / Layman's Terms

- Immediate Steps after a Release
- Step by Step Cleanup Process
- Hiring an LSP and cleanup contractor
- MCP Cleanup Process
- Assessment
- Cleanup Options
- Legal Responsibilities
- Financial Help – MassDEP Fees

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## MassDEP Homeowner Website

<http://www.mass.gov/dep/cleanup/helpforh.htm>

### Guidance Documents Available

- Homeowner Oil Spill Cleanup Guide
- Heating Oil Delivery Lines – Homeowner's Guide Preventing Leaks
- Prevention Worth Many Pounds of Cure
- Tips for Maintaining Your Home Heating System – Prevent Heating Oil Leaks & Spills
- Removing your Underground Storage Tank  
UST Closure Assessment Manual, WCS #402-96

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### Residential Heating Oil Releases

Prevention

Awareness

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### Residential Heating Oil Release

Approx. 200 gallons of #2 fuel oil released in the basement when the oil company ruptured the AST during a delivery.

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### Blankenship Cove, Marion Residential Heating Oil Release

- Notification
  - 4/20/2007 @ 6:30 p.m. from the Oil Company (PRP)
- MassDEP ER Responded
  - PRP hired an environmental contractor & LSP
  - Oil migrated under basement floor to groundwater
  - 4,000+ absorbent pads used in the salt marsh to remove oil
  - Field NOR issued to the PRP
- RNF & IRA Plan 6/20/2007
- IRA Status Report 8/24/2007
- Tier Classified 4/23/08 with Phase I & II

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### Residential Heating Oil Release



Approx. ¼ acre of salt marsh was impacted by oil and a precautionary closing of shellfish beds was instituted



Basement floor drain discharged 100+ ft from the house into a salt marsh owned by a land trust

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### Residential Heating Oil Release Blankenship Cove, Marion

- Parties Involved
  - Fire Department
  - Conservation Commission
  - Board of Health
  - Harbormaster
  - Contractor, LSP
  - Mass Fisheries & Wildlife
  - Property Owner
  - Land Trust (salt marsh trustee)
  - Insurance Representatives
  - Etc.

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### Emergency Response Mercury Releases

- Thermometers
- School Science Labs
- Baumanometer
- Sphygmomanometer
- Mercury Collectors !



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## Emergency Response

### Mercury (Hg) Releases

[www.mass.gov/dep/toxics/stypes/hgres.htm](http://www.mass.gov/dep/toxics/stypes/hgres.htm)

- Respond to Hg releases and provide assistance and advice on the appropriate actions to be taken
- Work closely with Fire Departments, the State HazMat Team, DPH and local BOH
- Can screen indoor air quality specifically for Hg vapors with a Jerome Meter or Lumex

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## Emergency Response

### Mercury Releases

- Reportable Quantity = 1 lb = 2 Tbs.
- MassDEP recommends:
  - Retain Industrial Hygienist & specialized contractor
- Initial Steps:
  - Advise to isolate the contaminated area
  - Provide ventilation to the outdoors
  - Keep all contaminated belongings in the area
  - Take steps not to spread the Hg
  - Do Not Vacuum
  - Mercury Spill Kits

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## Mercury Collector, Fall River

- Containers of Hg were placed in recycling bins
  - released in the house, on to the porch, sidewalk and street
  - Hg vapors detected on top floor of house
  - One resident lived there for 30+ years
  - USEPA took the lead on the clean-up; house was heated 85-110 F for 8 hr cycles, then vented to cool, vacuumed and the process repeated 5 times...
  - BOH determined home uninhabitable; occupants told to leave



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## Notice of Responsibility

If you have any questions relative to this Notice please contact the Office at the Internal address at 617-890-2121. All State communications regarding this notice must address the following Notice Tracking Number: 4-2020

Page 1 of 2 pages

**Richard P. O'Connell**  
Regional Public Chief  
Regional Public Chief  
Regional Public Chief  
Regional Public Chief

Attention: Release Notification Team, 9000 Central Expressway  
Department of Environmental Protection, 1000  
Pittsfield Street  
Pittsfield, MA 01201

Regional and District Office  
Environmental Protection  
Pittsfield, MA 01201

cc: Steve Garcia, EPA

MassDEP contact

You are copied

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## Risk Reduction

- Immediate Response Actions (IRA)
  - Early actions **required** to reduce, abate or mitigate risk
  - 2 and 72 hour notification criteria
    - SRMa / CEP
- Vapor Intrusion Example – Oak Street Site Maxham School
  - Maxham Elementary School
  - Residences

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## Vapor Intrusion Example Maxham Elementary School / Residences

- Site investigation revealed shallow groundwater contamination near Maxham Elementary School and residences
  - Required 72-hour notification and IRA (SRM)
  - Does a Critical Exposure Pathway (CEP) exist ?

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### Vapor Intrusion Example Maxham Elementary School / Residences

- Assessment conducted – groundwater, soil gas & indoor air sampling
- Concluded potential impact to indoor air at school and residence



Summa Cannisters

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### Vapor Intrusion Example Maxham Elementary School / Residences

- Mitigating / Eliminating the pathway
  - Maxham School
    - Coordinated via meetings, fact sheet, letters to parents
    - Sampled groundwater, soil gas and indoor air on school property
    - Designed and installed sub-slab depressurization system
      - draws vapors from subsurface out to ambient air
    - Inspection and monitoring
  - Residences
    - Coordinated with several homeowners to obtain access
    - Sampled groundwater, soil gas and indoor air
    - Installed sub-slab system at one impacted residence
    - Monitoring

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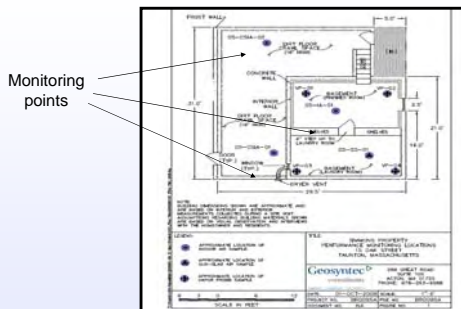
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### Vapor Intrusion Example Maxham Elementary School / Residences




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## Risk Reduction

- Release Abatement Measures (RAM)
  - **Optional** actions to reduce risk and/or lower future cleanup costs
  - 120 day notification criteria
- Limited Removal Actions (LRA)
  - Removal of <100 cubic yards oil / waste oil impacted soil
  - Removal of < 20 cubic yards hazardous material or mix
  - Performed within 120 day of knowledge
  - LSP not required
  - No impact to groundwater




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## Risk Reduction

- Complete within the first year
- Result in No Significant Risk and Site Closure or ...

### Tier Classification & Phased Process




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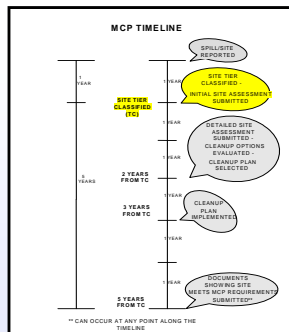
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### Tier Classification & Phased Process

- Sites beyond the one year timeline (following initial notification)
- Complete Phase I Initial Site Assessment
- Rank by complexity
  - # of sources
  - potential threat/risk
- Tier I or Tier II




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## Phase I Initial Site Assessment

- Based on information known at time
  - Often limited
  - Few monitoring points / samples taken
  - What is known at the time?
    - Receptors
    - Contaminants
    - Pathways
- Provides basis for scoring Site
  - Numerical Ranking System
    - Tier 1 – requires permit
    - Tier 2 – no permit

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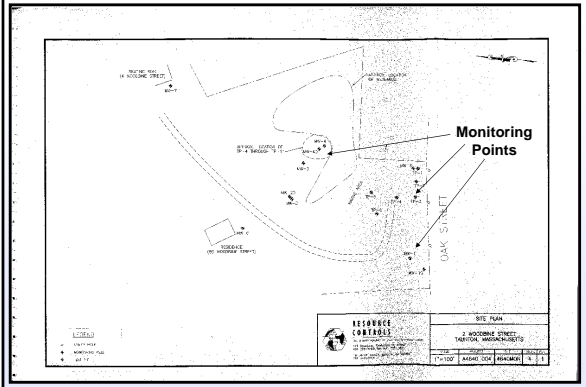
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## Phase I Initial Site Assessment



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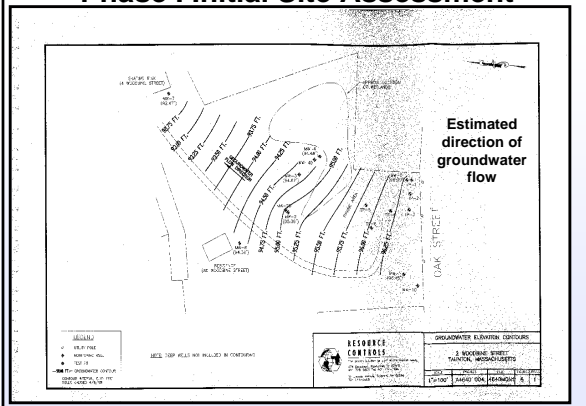
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## Phase I Initial Site Assessment



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## Phase II Possible Outcomes

- Phase II Conclusion
  - Site Does Not Pose Significant Risk
    - Done
- OR
- Significant Risk
  - Conduct Phase III Feasibility Evaluation
  - Submit results concurrently with the Phase II

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## Phase III Feasibility Evaluation

- Evaluation to determine what remedial actions could work at the Site
  - Compare cost, effectiveness, implementability, etc.
- Remedial Action Plan documents the evaluation
  - What, if anything, can be done ?
- Phase III Conclusion
  - Permanent Solution Feasible
    - on to Phase IV
  - Permanent Solution Not Feasible
    - Temporary Solution

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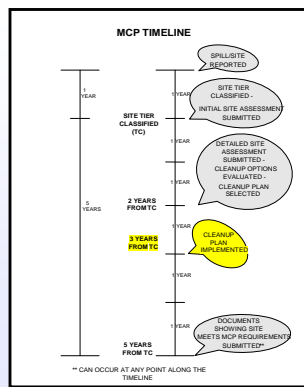
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## Phase IV Remedy Implementation



- Submit a Remedy Implementation Plan
- Perform the work
- Submit a Final Inspection & Completion Report

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## Phase IV Remedy Implementation

- Phase IV Remedy Implementation Plan
  - Remedy design parameters & specifications
  - Schedule
  - Operation, maintenance & monitoring plan
- Phase IV Final Inspection & Completion Report
  - Documents that the final inspection was conducted
  - Remedy implemented & operating as designed
  - Documents the operation, maintenance &/or monitoring required (if any)

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## Phase V Remedy Operation

- When operation, maintenance &/or monitoring of the remedial action is required
  - Up until 5-year deadline to achieve endpoint
  - Includes operating an active treatment system or monitoring natural processes
  - Inspection and monitoring reports required every 6 months

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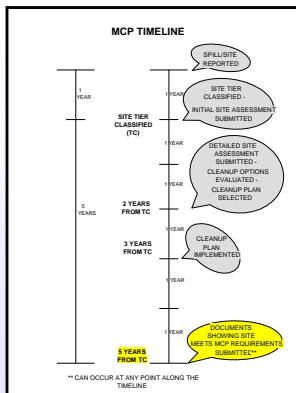
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## Cleanup Levels & Process Endpoints



- Cleanup level based on site use
  - Current / Foreseeable
  - Residential / Industrial
  - 32 % to background
- Protective of human health & environment
- Allows for land use/institutional controls
  - Activity & Use Limitations
    - Deed restrictions
- Operating a Remedy

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### Cleanup Levels & Process Endpoints

- Response Action Outcome (RAO)
  - Can be achieved at any time after notification
    - 73% of closures occur in year one
  - Permanent Solution
    - May include deed restriction limiting Site activities/uses – Activity and Use Limitation (7% of all)
    - No further evaluation required
  - Temporary Solution (less than 3%)
    - Risk has been reduced, but
    - Demonstrate it is not feasible to attain Permanent Solution
    - May involve operating a remedy
    - Requires re-evaluation every five years

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### Cleanup Levels & Process Endpoints

- Remedy Operation Status
  - Operating with intent of achieving Permanent Solution
  - Beyond five years
  - Inspection & Monitoring reports every six months
- Downgradient Property Status
  - Document that the source of contamination is from an upgradient site
  - Certain requirements – provision of access

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### Ensuring Compliance

- Provide direct oversight
  - time-critical situations or other serious conditions
  - as deemed necessary
  - authority to perform/contract response actions
- Conduct Audits
  - 20 % of all Sites annually

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## Ensuring Compliance - Audits

- Audit program designed to ensure:
  - Compliance with applicable requirements
  - Consistency of audits within and across regions
  - Credibility to maintain public confidence that response actions are being performed in a proper and timely manner
  - Commitment to achieving the 20 percent audit target
- Types of Audits
  - Targeted (incl. all AUL Sites) or Random
  - Level 1 – screen certain submittal
  - Level 2 - focused on one aspect of Site - can include inspections
  - Level 3 - comprehensive
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## Enforcement

- Notices of Noncompliance
- Consent Orders
- Penalties
- Unilateral Orders

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## Involving the Public

- Program *encourages* public involvement
- People conducting response actions are *required* to provide specific opportunities for participation and input
  - Public Comment periods
  - Public Involvement Plan Sites
- BOH notified at key decision points
  - Oral &/or written communications
  - Technical Assistance Grants available
- Public notified of key decision points
  - Notices published in local newspapers

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## Notices You Receive

- Received by email, fax, regular mail
  - Notice of Responsibility (NOR)
  - Release Notification Form (RNF)
  - IRAs Involving Potential Imminent Hazard / Critical Exposure Pathway (IH/CEP)
  - Implementation of a Release Abatement Measure




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## Notices You Receive

- Sampling on private property
  - groundwater monitoring wells
  - private drinking water wells
  - soil gas
  - indoor air
- Notice provided at least three days prior
  - Can be by phone
- Property owners also notified & provided results




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## Notices You Receive

- Availability of Phased Reports and Site Closure Documents
  - Phase I Initial Site Investigation
  - Phase II Comprehensive Site Investigation
  - Phase III Remedial Action Plan
  - Phase IV Remedy Implementation Plan
  - Phase V Inspection & Monitoring
  - Response Action Outcome Statements
    - Notice of Activity & Use Limitation
  - Downgradient Property Status Submittals




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## Notices You Receive

Phase IV field work:  
purpose, nature,  
duration

Use of personal  
protective equipment



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## Activity & Use Limitations (AULs)

- Provide notice of residual OHM
- Specifies permitted/inconsistent uses/activities
- Specifies restricted area
- Obligation & Maintenance Conditions
- Establishes duty to evaluate future proposed activities, site use change, and conduct response actions, if necessary
- Recorded or registered on deed

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## AULs (cont.)

- Real estate documents, recorded at the registry of deeds or registered with the land court
- Give DEP the right to enforce
- Provides information to the public that:
  - There is residual contamination in soil on the property (limited groundwater)
  - certain activities are prohibited
- Public Involvement Requirements

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## AULs (cont.)

- Real estate documents, recorded at the registry of deeds or registered with the land court
- Give DEP the right to enforce
- Provides information to the public that:
  - There is residual contamination in soil on the property (limited groundwater)
  - certain activities are prohibited
- Public Involvement Requirements

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## AUL Notices to Local Officials

- Must be provided in writing along with a complete copy of the AUL Notice within 30 days of recording/registering the AUL to:
  - Chief Municipal Official (CMO)
  - Board of Health (BOH)
  - Building Code Enforcement Official
  - Zoning Official

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## Availability of Site Information

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## MassDEP Web Site




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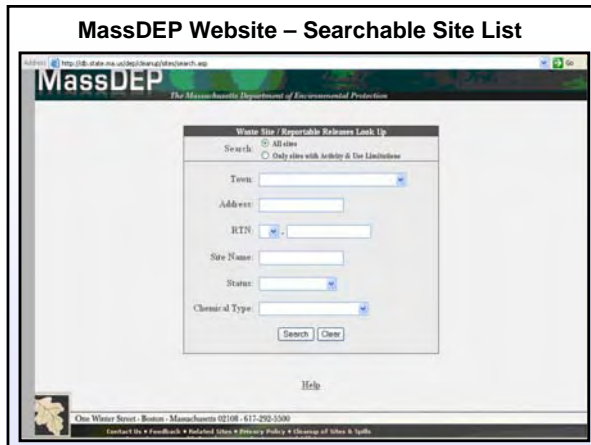
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## MassDEP Website – Searchable Site List




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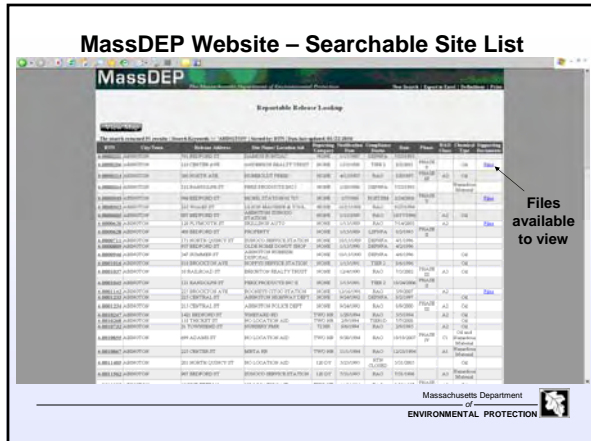
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## MassDEP Website – Searchable Site List




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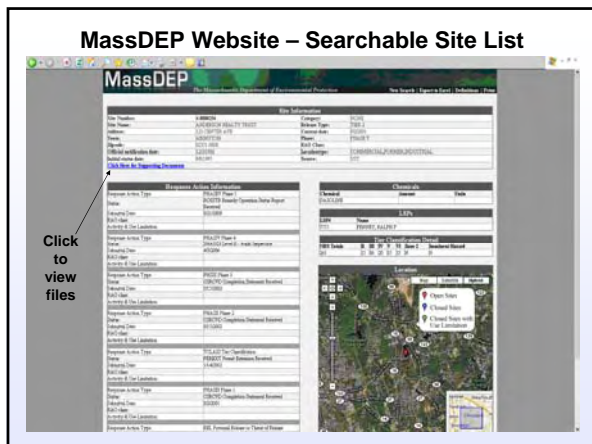
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### MassDEP Website – Searchable Site List




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### MassDEP Website - File Viewer




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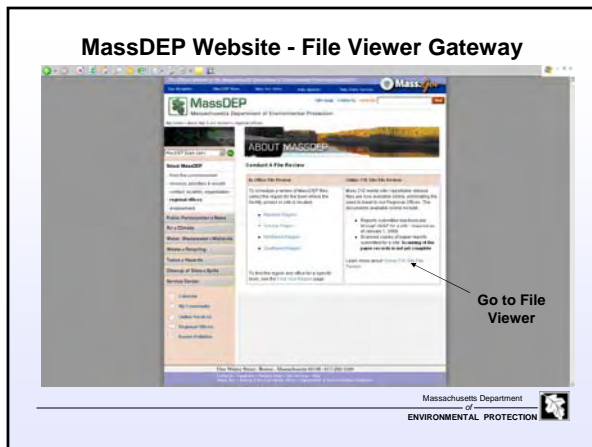
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### MassDEP Website - File Viewer Gateway




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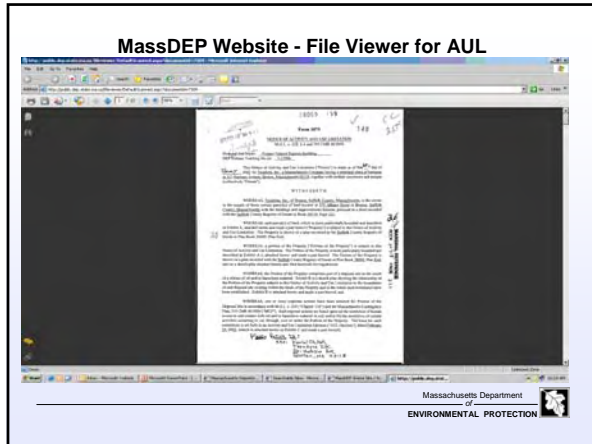
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**Mini Case Studies**

- Church Street, Rockland
  - Former Mill to Residential Condominiums
  
- Adessa Impact, Taunton
  - Private Well Impacts
  
- Sid Wainer, New Bedford
  - Former Mill to Greenhouse

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**Church Street – Rockland**  
**Former Mill to Residential Condominiums**

- Former listed waste site – 2 older closed RTNs
  - Drums of chemicals removed from the mill building
  
- 12/29/07 MassDEP notified by the Town
  - Concerned with the work being done on Site
  - Developer had demolished a mill building
  - Suspected contaminated soil under the concrete slab
  - Oil was released from subsurface piping during excavation on the site
  
- Roles of involved parties unclear – lack of oversight
  - MassDEP arranged an on-site meeting on 1/4/08 with all involved parties

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**Church Street – Rockland  
Former Mill to Residential Condominiums**



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**20 Church Street – Rockland  
Former Mill to Residential Condominiums**

- Three different notifications received:
  - RTN 4-20968 - assigned 1/4/08 - 120 day notification
    - While conducting a Limited Removal Action – identified lead & trichloroethene (TCE) in soil > RC
    - LRA stopped, continue as a RAM
  - RTN 4-20997 - assigned 1/10/08 - 72 hour notification
    - While removing 2 x 10,000 gallon abandoned USTs - identified NAPL > 1/2 inch in the tank grave
  - RTN 4-21333 - assigned 6/13/08 - 2 hour notification
    - TCE and carbon tetrachloride found in indoor air samples collected from downgradient residence
    - Reported SRM & IH conditions



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**20 Church Street – Rockland  
Former Mill to Residential Condominiums**



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### Adessa Impact, Taunton Contamination in Private Wells

- USEPA notified MassDEP
  - Samples from a private well contained MtBE at drinking water standard
- MassDEP contacted BOH and neighboring residents
  - Sampled & identified other impacted wells
  - Conducted inspection of area – identified the source facility
  - Over 1000 stored vehicles recovered from accidents
    - Gasoline removed from vehicles stored in AST
  - Neighborhood meeting held
- MassDEP issued NOR to responsible party
  - Required identification & sampling of all wells in area
  - Required mitigation or elimination of CEP

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### Adessa Impact, Taunton Contamination in Private Wells

- PRP conducted sampling of all private wells
  - Provided bottled water to all affected
  - Installed filters (granular activated carbon or GAC)
  - Water line extended to area and homes connected to municipal water
- PRP has continued response actions through Phase IV to date

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### Sid Wainer & Son, New Bedford Facilitating Brownfields Redevelopment



- 4.4 acre site housed a single story mill constructed circa 1906
- Manufactured cardboard boxes and paper products
- Operated until 1991 - destroyed by fire in 1995
- Unprocessed debris remained in basement
- 4 USTs remained – removal funded by EOE grant

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### Sid Wainer & Son, New Bedford Facilitating Brownfields Redevelopment



- Redeveloped by Sid Wainer & Son, a New Bedford-based food distributor
- Now houses a greenhouse for growing produce distributed by the company

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### Facilitating Brownfields Redevelopment

- Brownfields Act of 1998
  - Amended c. 21E
  - Liability protection for qualified parties
    - Exemption for municipal tax takings
  - Created potential funding sources for assessment & cleanup
    - Low interest loans (e.g., MassDevelopment)
    - Grants (e.g. USEPA Region 1)
    - Tax Incentives (e.g. Department of Revenue)

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### MassDEP Field Assessment Support Team (F.A.S.T)

- Mobile Laboratory - 24/7 Emergency Response - Chemical & Oil Spills
- Computer modeling of chemical releases to the air
- On-scene testing of air, soil, sediments, water, groundwater, and soil gas



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### For Further Information Websites

- MassDEP Website: [www.mass.gov/dep](http://www.mass.gov/dep)
  - Regional Service Center Information
- Homeowner Information:
  - [www.mass.gov/dep/cleanup/helpforh.htm](http://www.mass.gov/dep/cleanup/helpforh.htm)
- Mercury Information:
  - [www.mass.gov/dep/toxics/stypes/hgres.htm](http://www.mass.gov/dep/toxics/stypes/hgres.htm)
- USEPA: [www.epa.gov/](http://www.epa.gov/)

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### For Further Information

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Stacey Dakai, Western Region  
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### Questions & Answers

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