



# MassDEP Resources for Solar Development on Brownfields

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# CLEANENERGYRESULTS

## Clean Energy Results Program Areas of Focus

- Supports Dept. of Energy Resources and the Mass Clean Energy Center in Achieving Commonwealth Clean Energy Goals
- Utilizes MassDEP's Unique Expertise to Overcome Permitting & Siting Obstacles
- Addresses Public Health Concerns Using Sound Science



# MassDEP Regional Brownfields Coordinators



Region	Coordinator	Email	Phone
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# Predevelopment Considerations

1

Determine if location of interest is a disposal site with an RTN

2

Review site contamination & status of cleanup

- Costs to manage contaminated soils
- Development cannot hinder future remediation
- Use of Licensed Site Professional (LSP)

3

Review Activity & Use Limitations (AULs), if applicable

- May restrict certain site uses & activities
- Must maintain caps & barriers
- May require Soil Management Plan



## Find Out About a Contaminated Property

Find locations and details about solid and hazardous material disposal sites in Massachusetts.

There are over 44,000 hazardous waste sites in Massachusetts. These include waste spills, leaks, a failed delivery or discharge, a spill, or a leak. These sites are often the source of contamination and can be a source of hazardous waste. This page is a resource for information about these sites and the cleanup process. You can search for sites by location, address, or other information.

First time? Start here.

Learn The Waste Site Cleanup Process

### What would you like to do?

#### Top tasks

Review Site & Registration  
Resources (pdfs, Links, etc.)

Search by ZIP  
Code or Address

Compare to Existing Disposal  
Map for a Location

### What you need to know

Learn about the waste  
site cleanup process  
and how to file a  
claim

Learn about the eDGP  
Form (eDGP) and how to  
file a claim

Learn about Google to find  
out about a site

Statistics About Site Cleanups

More Information About Site  
Cleanup

Search by ZIP Code  
or Address (eDGP)

### Contact Information

MassDEP Waste Site Cleanup Program Contact Information

### More Information

#### RELATED SERVICES

- Contaminated Site Remediation Program
- Site Cleanup Regulations, Rules, & Forms
- Brownfields Cleanup
- Massachusetts National Response System Program
- Oil Spill Prevention & Response
- Remedial Investigation and Feasibility Study (RI/FS) Program

#### ADDITIONAL RESOURCES

- Quick and Paced eDGP - The online eDGP form is a quick and easy way to file a claim.
- Find Out About Superfund Sites in Massachusetts
- Groundwater with Public & Non-Public (GPNL)
- Understanding the eDGP - The eDGP form is a quick and easy way to file a claim.
- Remedial Investigation and Feasibility Study (RI/FS) Program
- Remedial Investigation and Feasibility Study (RI/FS) Program



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

## What would you like to do?

Top tasks



Waste Site & Reportable  
Releases/Spills Look Up →

Search by eDEP  
Form/Submittals →



## Search for Waste Site & Reportable Releases

Search Type ⓘ

Select

City/Town ⓘ

Select

RTN ⓘ

Address ⓘ

Compliance Status ⓘ

Select

LSP ⓘ

Select

Site Name ⓘ

◀ PREVIOUS

✕ CLEAR

Q SEARCH





## Waste Site & Reportable Releases Information

### Related links

[Supporting Documents](#)  
[LSP Lookup](#)

### Site Number

3-

### Site Name

FORMER

### Compliance Status

PSC

### Compliance Date

12/02/2020

### Phase

PHASE II

### RAO Class

PA

### Location Type

PRIV/PROP.  
INDUSTRIAL, COMMERCIAL

### Source

UNKNOWN

### Category

72 HR

### AUL Info

AUL received on 12/02/2020

### Address

TREET

### Town

Y

### Zip Code

### Official Notification Date

03/15/2019

### Initial Status Date

03/15/2020

### Response Action Information

RESPONSE ACTION TYPE	STATUS	SUBMITTAL DATE	RAO CLASS	ACTIVITY & USE LIMITATION DATE
AUL Activity and Use Limitation	RECPT Transmittal or Notification Received	12/02/2020		
RAO Response Action Outcome - RAO	PSATCO Permanent Solution with Credit/mon	12/02/2020	PA	

### Chemicals

CHEMICAL	AMOUNT	UNITS
PETROLEUM OIL	2200	INCH
PETROLEUM OIL	2200	INCH

### LSPs

LSP	LSP NUMBER







No scanned files found

## Electronically Submitted Files

RTN	Form Name	Submit Date	Attachments	Notes	Trans ID
3-3	BVSC101 Release Log Form- 607	4/4/2015 2:25:07 PM		AR-Process Notes	1092694
3-.....	BVSC120 Recording Receipt/Issuance Form- 675	4/25/2019 8:00:53 AM	176 kb 1 ..... HQD-17-4-25-2019		1101672
3-.....	BVSC103 Release Notification & Retraction Form- 579	5/13/2019 3:35:17 PM			1105993
3-.....	BVSC105 Immediate Response Action Transmittal Form- 004	5/13/2019 3:41:07 PM	43 kb RTN 3 ..... IRA Plan		1106003
3-.....	BVSC120 Recording Receipt/Issuance Form- 675	5/21/2019 5:49:43 PM	269 kb 1 ..... FRA SCREEN.pdf		1108428
3-.....	BVSC105 Immediate Response Action Transmittal Form- 004	3/7/2015 9:51:10 AM	1 mb RTN 3 ..... IRA Status Report		1127318
3-.....	BVSC120 Recording Receipt/Issuance Form- 675	1/13/2019 5:41:11 PM	156 kb 1 ..... FRA SCREEN (2).pdf		1129417
3-.....	BVSC120 Recording Receipt/Issuance Form- 675	1/30/2020 4:32:55 PM	279 kb 1 ..... LSENT-1-7-2020.pdf		1165079
3-3	BVSC105 Immediate Response Action Transmittal Form- 004	1/16/2020 4:02:53 PM	2 mb RTN 3 ..... IRA Status Rpt 2		1165491
3-.....	BVSC120 Recording Receipt/Issuance Form- 675	1/17/2020 5:37:04 PM	3 mb 3 ..... FRA SCREEN2.pdf		1167463



# Brownfields Pre-Determinations

- MassDEP assists Massachusetts Department of Energy Resources (DOER) in determining whether a property meets regulatory definition of “Brownfields”

☐ 225 CMR 20.00 <https://www.mass.gov/doc/225-cmr-2000-final-071020-clean/download>

- Brownfields determination makes project eligible for “adder”

- Guideline for applying the regulatory criteria

☐ <https://www.mass.gov/doc/guideline-regarding-the-definition-of-brownfield-0/download>





# Brownfields Regulatory Definition

Two components, both must be met:

1. The disposal site has received a Release Tracking Number (RTN) pursuant to 310 CMR 40.0000 (The Massachusetts Contingency Plan)
1. The redevelopment or reuse of the property is hindered by the presence of oil or hazardous material as determined by DOER in consultation with MassDEP



# Liability Concerns

- Fact sheet “Addressing Renewable Energy Development at Contaminated Properties in Massachusetts – Managing Chapter 21E Liability”

<https://www.mass.gov/doc/addressing-renewable-energy-development-at-contaminated-properties-in-massachusetts-managing/download>





# Additional MassDEP Resources

Mass.gov

NOTICE See MassDEP's COVID-19 Information & Resources »

PART OF Clean Energy Results Program Show 1 more ▾ OFFERED BY Massachusetts Department of Environmental Protection Show 1 more ▾

## Developing Solar Photovoltaics on Contaminated Land

The cleanup, reuse and/or redevelopment of these waste sites may provide beneficial opportunities for the deployment of solar photovoltaic installations th

### TABLE OF CONTENTS


- Current and Proposed Locations
- Technical Resources
- Financial Resources

### Current and Proposed Locations

Map of Current Solar and Wind Projects on Contaminated Land »

Electricity-generating Facilities Qualified for RPS and APS by MassDOER »

Current & Proposed project sites, locations, and megawatts generated (July 2017, spreadsheet) »

 Massachusetts Contaminated Land Profile List (XLSX 228.63 KB)

### Technical Resources

Fact Sheet: "Addressing Renewable Energy Development at Contaminated Properties in Massachusetts – Managing Chapter 21E Liability" »

<https://www.mass.gov/lists/developing-solar-photovoltaics-on-contaminated-land#current-and-proposed-locations->