



Massachusetts Department of Environmental Protection

Bureau of Waste Prevention – Hazardous Waste –

BWP HW 07 Application for approval to conduct Treatability Studies

Instructions and Supporting Materials

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Introduction

MassDEP *Permit Applications*, as well as *Instructions & Support Materials*, are available for download from the MassDEP Web site at mass.gov/dep in two file formats: Microsoft Word™ and Adobe Acrobat PDF™. Either format allows documents to be printed.

Instructions & Support Materials files in Microsoft Word™ format contain a series of documents that provide guidance on how to prepare a permit application. Although we recommend that you print out the entire package, you may choose to print specific documents by selecting the appropriate page numbers for printing.

Permit Applications in Microsoft Word™ format must be downloaded separately. Users with Microsoft Word™ 97 or later may complete these forms electronically.

Permitting packages in Adobe Acrobat PDF™ format combine *Permit Applications* and *Instructions & Support Materials* in a single document. Adobe Acrobat PDF™ files may only be viewed and printed without alteration. *Permit Applications* in this format may not be completed electronically.



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Permit Fact Sheet

1. What is the purpose of this approval?

This approval authorizes and sets conditions for persons intending to conduct treatability studies using samples of hazardous waste generated on-site or collected from off-site. Treatability studies are conducted to obtain engineering and economic evaluations of treatment processes and equipment.

Treatability studies also include toxicological and health effects studies and studies of a hazardous waste's compatibility with liners or storage material.

The operation of treatment equipment or processes proven to be effective on a specific waste will help prevent the discharge of hazardous waste to the environment.

Legislative authority for these permits is stated in MGL Chapter 21C, sections 4 and 6. Regulatory authority is found at 310 CMR 30.104(3)(b) and 30.104(3)(c).

2. Who must apply?

Any one wishing to conduct a treatability study must apply for this permit. The types of firms that typically apply include manufacturers of treatment equipment, facilities that treat, store or dispose of hazardous waste, laboratories, consulting engineering and research companies, and universities.

3. What other requirements should be considered when applying for this approval?

a. What prerequisites should be considered before applying for this approval?

Important: The applicant should call 617-292-5580 and request a meeting for guidance in preparing the application.

b. What concurrent applications are related to this approval?

Depending on the treatment process or equipment, additional permits or approvals may be required from MassDEP or local authorities. For example, air or water permits may be required if the treatment involves potential discharges to the environment.

4. What is the application fee?

The application fee is \$2,695

5. What is the Primary Permit Location?

PRIMARY PERMIT LOCATION (original and 2 copies)
**Department of Environmental Protection
Bureau of Waste Prevention, Hazardous Waste
One Winter Street
Boston, MA 02108
Attention: Permits Administrator**

What is the Reserve Copy Location?

RESERVE COPY LOCATION
None



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Permit Fact Sheet

6. What are the timelines?

The timelines are available on the MassDEP Website:

<http://www.mass.gov/eea/agencies/massdep/service/approvals/timely-action-fees-and-payments.html>

7. What is the annual compliance fee?

There is no annual compliance fee for this approval.

8. How long is this approval in effect?

The Department issues an approval letter and the approval remains in effect until the laboratory or testing facility notifies the Department by letter that it is no longer conducting treatability studies. If a new location is proposed, a new application and approval is required. Contact the Department regarding any proposed changes to the approved treatability approval to determine if a new approval is needed.

9. How can I avoid the most common mistakes made in applying for this approval?

- a. The applicant should be sure to obtain an up-to-date edition of the Hazardous Waste Management Regulations (310 CMR 30.000). The provisions governing treatability studies (310 CMR 30.104(3)(b) and 30.104(3)(c)) should be reviewed carefully.
- b. The applicant should request a meeting before the applicant begins to prepare the application. Contact the Department at (617) 292-5580.
- c. The applicant should follow MassDEP's Treatability Studies Application Checklist, which is attached to this application kit.
- d. Submit the fee and *one* page of the MassDEP Transmittal Form
<http://www.mass.gov/eea/agencies/massdep/service/approvals/transmittal-form-for-payment.html> to:
Department of Environmental Protection, P. O. Box 4062, Boston, MA 02211.

10. What are the regulations that apply to this approval? Where can I get copies?

These regulations include, but are not limited to:

- a. Hazardous Waste Regulations, 310 CMR 30.000.
- b. Timely Action and Fee Provisions, 310 CMR 4.00.
- c. Administrative Penalty Regulations, 310 CMR 5.00.

These may be purchased at:

State House Bookstore
Room 116
Boston, MA 02133
617-727-2834

State House West Bookstore
436 Dwight Street
Springfield, MA 01103
413-784-1376

The above regulations are available for viewing at the Department's web site at www.mass.gov/dep/



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Application Completeness Checklist

- ☐ Meeting held to discuss the application. Call 617-292-5580 to set up a meeting.
- ☐ The MassDEP Transmittal Form is completed:
<http://www.mass.gov/eea/agencies/massdep/service/approvals/transmittal-form-for-payment.html>
- ☐ MassDEP Application Form BWP HW 07 is completed and included with the application package.
- ☐ MassDEP Treatability Studies Checklist is completed and included with the application package.

To submit the application package:

- ☐ Checklist items have been completed.
- ☐ Send an original and two copies of the application along with *one* page from the MassDEP Transmittal Form to:

Department of Environmental Protection
Bureau of Waste Prevention, Hazardous Waste
One Winter Street
Boston, MA 02108
Attn: Permits Administrator

- ☐ Send the fee of \$2,695 in the form of a check or money order made payable to *Commonwealth of Massachusetts*, along with *one* page of the MassDEP Transmittal Form to:

Department of Environmental Protection
P.O. Box 4062
Boston, MA 02211