



Massachusetts Department of Environmental Protection
Bureau of Resource Protection – Title 5 Permitting

BRP WP62

BRP WP 62a Determination of Acceptability for the Use of Septic System Additives or Soil Absorption System Conditioners/Restoratives

BRP.WP 62b Approval of Septic Tank Tee Filters

BRP WP 62c Approval of Grease removal devices

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 determination or approval?

This determination is necessary to ensure that the disposal of sanitary sewage through the use of an on-site subsurface sewage disposal system is performed in an environmentally acceptable manner. This determination is required for the use of any septic system additive or soil absorption system conditioner/restorative. These products are physical, chemical, or biological treatment processes. This determination is also required for the use of any septic tank effluent tee filter or grease removal device.

For septic system additives, conditioners and restoratives, the MassDEP review will focus solely on preventing harm to the systems and the environment, *not* on the efficacy (or lack thereof), of the product. This review is designed to protect the public health, welfare, and the environment through the control of pollutant discharges onto or into the ground.

For septic tank effluent tee filters the MassDEP review requires that, at a minimum, the proposed tee filter meets the applicable Title 5 requirements and criteria of 310 CMR 15.227 Placement and Construction of Tees.

For grease removal devices, the MassDEP review requires that, at a minimum, the proposed grease removal device meets the applicable Title 5 requirements and criteria of 310 CMR 15.230.

Statutory authority for this permit is stated in MGL Chapter 21A Section 13. Regulatory authority for this permit is stated in 310 CMR 15.000.

2. Who must apply?

Any person, as defined in 310 CMR 15.002, proposing the use of any septic system additive, soil absorption system conditioner/restorative is required to obtain prior written approval from MassDEP in accordance with 310 CMR 15.027 & 15.028.

Developers of alternative devices for the septic tank effluent tee filter seeking approval for widespread use of device, not previously approved by MassDEP

Developers of alternative devices for the removal of grease seeking approval for widespread use of a device, not previously approved by MassDEP. Grease removal devices located within a building as part of the internal plumbing do not require this permit, but must conform to requirements of the Massachusetts State Plumbing Code, 248 CMR 2.00.

If this category does not apply to you, please be advised this is not the only permit category for Title 5 systems. Please consult regulations 310 CMR 4.00, 310 CMR 15.00, 314 CMR 4.00 and 5.00 to determine whether another category may apply to you.



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

a) What prerequisites should be considered before applying?

- Studies detailing any previous use of the additive, conditioner/restorative or effluent tee filter should be submitted to the MassDEP for review.
- Certain additives, conditioner/restoratives, effluent tee filters, and grease removal devices may have been previously approved by MassDEP. For a list of those approved, please visit the MassDEP Web site: <http://mass.gov/dep>

b) What concurrent applications are related to this determination?

- Local Board of Health regulations may apply.

Note: This information about additional requirements are intended to serve as a guide to the applicant. It does not necessarily include **all** additional requirements.

Other variances are granted by the local approving authority and/or MassDEP pursuant to 310 CMR 15.000. Consult the guidance for other variances under BRP WP 59b and BRP WP 59c. These other variances are not included in this category.

4. What is the application fee?

The application fee is \$930.

5. What is the Primary Permit Location? What is the Reserve Copy Location?

Primary Permit Location:
Department of Environmental Protection (2 copies)
Wastewater Management Program
One Winter Street, 5th Floor
Boston, MA 02108

There is no Reserve Copy Location for this variance.

6. Where can I get a copy of the timelines?

The timelines are available on the MassDEP Website: www.mass.gov/dep/service/online/fees.htm



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7. What is the annual compliance fee?

There is no annual compliance fee for this category.

8. How long is this determination or approval in effect?

These determinations and approvals remain valid as long as the system and facility served remain unchanged, or until MassDEP revokes or modifies the determination or approval.

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

- a. Review the application to be sure all questions are answered correctly. The submitted application must have an original signature in ink.
- b. Attach all available data, studies, and formal approvals and denials from other jurisdictions.
- c. Submit \$930 Application Fee with MassDEP Transmittal Form to:

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

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

These regulations include, but are not limited to:

- a. Title 5 Regulations, 310 CMR 15.000.
- b. Timely Action Schedule and Fee Provisions, 310 CMR 4.00.

These may be purchased at:

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

State Bookstore
436 Dwight Street, Room 102
Springfield, MA 01103
413-784-1376

MassDEP Regulations also are available at MassDEP's Web site: <http://mass.gov/dep>



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Application Completeness Checklist

- The MassDEP Transmittal Form is completed: <http://mass.gov/dep/service/online/trasmfrm.shtml>
- A MassDEP application form for the permit category BRP WP 62 has been completed. The following information has been provided:
 - Name and address of applicant/owner.
 - All available data, studies, and approvals and denials from other jurisdictions.
 - Studies detailing previous use of the additive, conditioner/restorative, effluent tee filter, or grease removal devices are attached

To submit the application package:

- Ensure that all checklist items have been completed.
- Send two copies of the application along with one copy of the MassDEP Transmittal Form to:

Department of Environmental Protection
Wastewater Management Program
One Winter Street, 5th Floor
Boston, MA 02108
- Send fee of \$930 in the form of a check or money order payable to the Commonwealth of Massachusetts, along with a copy of the MassDEP Transmittal Form, to:*

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



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A. General Information

1. Type of approval:

- BRPWP 62a: Septic System Additive or Soil Absorption System Conditioners/Restorative
- BRPWP62b: Septic Tank Effluent Tee Filter
- BRPWP62c: Grease Removal Device

2. Applicant Information:

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



_____ Legally Responsible Official		_____ Company Name
_____ Organizational Structure, i.e. corporation, partnership, etc.		_____ If corporation, state where incorporated
_____ Street/PO Box		_____ City/town
_____ State	_____ Zip code	_____ Telephone Number
_____ e-mail address		_____ Fax Number

3. Contact Information:

_____ Contact person		_____ Company name
_____ Street Address/PO Box		_____ City/town
_____ State	_____ Zip code	_____ Telephone Number
_____ e-mail address		_____ Fax Number

B. Product Seeking DEP Approval

1. Name:

Name of Additive, Conditioner/Restorative, Septic Tank Effluent Tee Filter, or Grease Removal Device

On the following pages:

Complete questions 2 – 9 only if seeking approval for additives, conditioners or restoratives, then skip to part C Certification.

Complete questions 10 – 15 only if seeking approval for effluent tee filters, then skip to part C Certification.

Complete questions 16 - 21 only if seeking approval for grease removal devices, then skip to part C Certification.



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B. Product Seeking DEP Approval (continued)

I. For additives, conditioners, or restoratives

2. Additive/Conditioner/Restorative – physical, chemical, biological agents:

For additives, conditioners/restoratives list all physical, chemical, biological, or other agents which make up the additive or conditioner/restorative and provide toxicity information for each component (provide MSDS if possible).

Check if MSDS is provided

3. Additive/Conditioner/Restorative – Anticipated Use:

Describe the anticipated use of the additive or conditioner/restorative in system. Include in the description where and how the product is to be applied, the frequency of applications, who will perform the applications, and the amount/concentration of product per application (attach documents as needed).

4. Additive/Conditioner/Restorative – Chemical action:

Describe how the additive, conditioner or restorative works to benefit the system (attach documents as needed).



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B. Product Seeking DEP Approval (continued)

5. Additive/Conditioner/Restorative – Reactions and Byproducts:

List all known reactions and byproducts produced by the use of the additive or conditioner/restorative including the product's effect on bacteria (attach documents as needed).

6. Additive/Conditioner/Restorative – Projected Limitations:

Provide any known or projected limitations on the use of the additive, conditioner, or restorative (attach documents as needed).

7. Additive/Conditioner/Restorative – Evidence of Performance:

Provide evidence which demonstrates that use of the additive or conditioner/restorative as proposed in Question #3, will not result in violations of 314 CMR 4.00, Surface Water Quality Standards, and/or 314 CMR 6.00, Groundwater Quality Standards.

8. Additive/Conditioner/Restorative – Studies:

Provide any studies done on the use of the additive or conditioner/restorative to support the responses provided above.



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B. Product Seeking DEP Approval (continued)

9. Additive/Conditioner/Restorative – Approvals or Acceptances:

Attach any formal approvals or other acceptances from other jurisdictions for use of the additive or conditioner/restorative in on-site systems. Attach copies of any disapprovals or denials.

II. For effluent tee filters

10. Effluent Tee Filter, Anticipated Use:

For effluent tee filters, describe their anticipated use in a system. Include in the description the different models of effluent tee filters for which approval is requested, where and how the effluent tee filter is to be installed and who would perform installation.

11. Effluent Tee Filter – Operation:

Describe how the effluent tee filter works to benefit the system (attach documents as needed).

12. Effluent Tee Filter – Limitations:

Provide any known or projected limitations on the use of the effluent tee filter (attach documents as needed).



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B. Product Seeking DEP Approval (continued)

13. Effluent Tee Filter Studies:

Provide any studies done on the use of the effluent tee filter to support the responses provided above and to demonstrate the product's safety (lack of harm) to the system components and functioning. Include monitoring reports/data from systems in use (if available).

Is testing or performance data available for the filter? Yes No

If yes, indicate source of data and attach copies

Other states Independent third parties Other

14. Effluent Tee Filter Approvals/Denials

Has your effluent tee filter been approved or denied in other states?

Yes - Please attach copies of state approval or denial letters No

15. Effluent Tee Filter Operation & Maintenance Requirements – Attach appropriate plans and manuals. Use additional sheets if necessary.

III. For grease removal devices

16. Grease removal devices- Anticipated Use

For grease removal devices, describe their anticipated use in a system. Include in the description the different models of grease removal devices for which approval is requested, where and how the grease removal device is to be installed and who would perform installation.



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B. Product Seeking DEP Approval (continued)

17. Grease removal device – Operation

Describe how the Grease removal device works to benefit the system (attach documents as needed).

18. Grease removal device – Limitations

Provide any known or projected limitations on the use of the effluent tee filter (attach documents as needed).

19. Grease removal device - Studies

Provide any studies done on the use of the Grease removal device to support the responses provided above and to demonstrate the product's safety (lack of harm) to the system components and functioning.

Include monitoring reports/data from systems in use (if available).

Is testing or performance data available for the grease removal device?

Yes No

If yes, indicate source of data and attach copies.

Other states Independent third parties Other

20. Grease Removal Device- Approvals/Denials

Has your grease removal device been approved or denied in other states?

Yes - Please attach copies of state approval or denial letters No

21. Grease Removal Device - Operation & Maintenance Requirements – Attach appropriate plans and manuals. Use additional sheets if necessary.

C. Certification

"I certify under penalty of law that this document and all attachments, to the best of my knowledge and belief, are true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Signature of Applicant

Date

Name of Applicant

Name of Preparer