Massachusetts Department of Environmental Protection
Bureau of Resource Protection – Water Supply – New Technology Approvals

BRP WS 11 Minor New Technology Approval, no field test required

BRP WS 12 Major New Technology Approval, field test required

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 http://www.mass.gov/eea/agencies/massdep/service/approvals/ 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.

Massachusetts Department of Environmental Protection
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BRP WS 11 Minor New Technology Approval, no field test required
BRP WS 12 Major New Technology Approval, field test required
Instructions and Supporting Materials

1. What is the purpose of these approvals?

These approvals serve to protect the health and welfare of the public through the control of any product or operation that comes into contact with public drinking water. These products and operations must be controlled to prevent contaminants from leaking into the drinking water as well as to ensure that the products and operations work as designed. Apply in category BRP WS 11 if no field test is required (minor new technology approval). Apply in category BRP WS 12 if a field test **is** required (major new technology approval). Regulatory authority for these approvals is stated in 310 CMR 22.04(6), of the Drinking Water Regulations.

2. Who must apply?

Public water suppliers, manufacturers, or their representatives must apply if they want approval to use a product or operation that will come into contact with a public water supply. These products include, but are not limited to, drinking water additives, filtration devices, coatings, pipes, tanks, vending machines, and backflow prevention devices.

3. What other requirements should be considered when applying for these approvals?

If water suppliers or their representatives apply for one of these approvals as part of a facility modification it may also be necessary for them to apply for other MassDEP water treatment permits, e.g. BRP WS 21, 22, 23, 24 or 25.

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

4. What is the application fee?

BRP WS 11 (minor new technology approval, no field test required).....$2,265
BRP WS 12 (major new technology approval, field test required). The application fee is negotiated in accordance with 310 CMR 4.05.

5. What is the Primary Permit Location?

PRIMARY PERMIT LOCATION:

For BRP WS 11, BRP WS 12
Department of Environmental Protection
Water Supply
1 Winter Street
Boston, MA 02108

What is the Reserve Copy Location?

RESERVE COPY LOCATION:

None required.

6. Where can I get a copy of 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 either of these approvals.

8. How long are these approvals in effect?

These approvals are in effect as long as the applicant remains in compliance with appropriate laws and regulations and MassDEP determines that the product or operations continue to protect the public health and welfare.

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

a. Fill in **all** information on the MassDEP Application Form BRP WS 06-31.
b. Attach all information requested on the Application Completeness Checklist.
c. Send application and *one* copy from the MassDEP Transmittal Form to Department of Environmental Protection, Water Supply, 1 Winter Street, Boston, MA 02108.
d. Submit fee and *one* copy of the MassDEP Transmittal Form to: Department of Environmental Protection, P. O. Box 4062, Boston, MA 02211.

10. What are the regulations that apply to these approvals? **Where can I get copies?**

These regulations include, but are not limited to:

a. Drinking Water Regulations, 310 CMR 22.00.
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

Massachusetts Department of Environmental Protection
Bureau of Resource Protection – Water Supply – New Technology Approvals

BRP WS 11 **Minor New Technology Approval, no field test required**

(for BRP WS 12, see following page)

Application Completeness Checklist

☐ The MassDEP Transmittal Form is completed:
http://www.mass.gov/eea/agencies/massdep/service/approvals/transmittal-and-application-forms.html

☐ Application Form BRP WS Application has been completed.

Included in the application package are:

☐ A cover letter explaining the request.
☐ Plans and Specifications.

In addition to the above, the following require additional submittals:

For Cross Connection Devices:

☐ Independent Lab Test Report.
☐ Independent Field Test Report.
☐ ASSE Seal or U.S.C. Certificate of Approval.
☐ Current Catalog.
☐ Current Installation Instructions.
☐ Current Servicing and Maintenance Manuals.
☐ Materials Specifications.
☐ UL or Factory Mutual Research Approval (fire systems).

For Water Vending Machines:

☐ Massachusetts Plumbing Board Approval.
☐ Schematic.
☐ Maintenance and Cleaning Specifications.

For Other New Technology Approvals such as drinking water additives, pipes, tanks, etc.:

☐ Third party or National Code approval such as AWWA, NSI or EPA.

To submit the application package:

☐ Checklist items have been completed.
☐ Send one copy of the application along with one page from the MassDEP Transmittal Form to:

Department of Environmental Protection
Water Supply
1 Winter Street
Boston, MA 02108

☐ Send fee of $2,265 in the form of check or money order made payable to *Commonwealth of Massachusetts*, along with one page from the MassDEP Transmittal Form to:

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

Massachusetts Department of Environmental Protection
Bureau of Resource Protection – Water Supply – New Technology Approvals

BRP WS 12 **Major New Technology Approval, field test required**

(for BPR WS 11, see preceding page)

Application Completeness Checklist

☐ The MassDEP Transmittal Form has been completed.
http://www.mass.gov/eea/agencies/massdep/service/approvals/transmittal-and-application-forms.html
Check "Alternative Schedule Project Request" in Section F of the Transmittal Form. See "Instructions for Completing Transmittal Form" in Application Kit Folder.

☐ Application Form BRP WS Application has been completed.

To submit the application package:

☐ Send one page of a completed Transmittal Form attached to Form BRP WS Application and a cover letter explaining the request to:

Department of Environmental Protection
Water Supply
One Winter Street
Boston, MA 02108

☐ Send negotiated fee in the form of check or money order made payable to *Commonwealth of Massachusett*s, along with one page from the MassDEP Transmittal Form to:

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

Massachusetts Department of Environmental Protection
Bureau of Resource Protection – Drinking Water Program

BRP WS Application

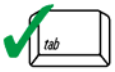
For Drinking Water Program (Water Supply) Permits or Approvals

Transmittal Number

Facility ID# (if known)

A. Application

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



1. Is this application for ☐ an Original or ☐ a Resubmittal?

2. Applicant:

Name | Address

City | State | Zip | Contact | Telephone

3. Consultant:

Name | Address

City | State | Zip | Contact | Telephone

B. Permit

Please check the permit or approval for which you are applying:

Zone II Determination for Existing Sources
- ☐ BRP WS 07 Approval to Conduct Pump Test for Zone II Delineation
- ☐ BRP WS 08 Approval of Zone II Delineation

New Technology
- ☐ BRP WS 11 Minor New Technology Approval; where no field test required
  - ☐ Drinking Water Additive
  - ☐ Cross Connection Device
  - ☐ Water Vending Machine
  - ☐ Other (specify):
- ☐ BRP WS 12 Major New Technology Approval: where field testing is required
- ☐ BRP WS 27 New Technology with Third-party Approval
- ☐ BRP WS 28 Vending Site/Source Prototype
- ☐ BRP WS 31 Vending and POU/POE Devices with Third-party Approval

New Source Approvals <70 gpm
- ☐ BRP WS 13 Exploratory Phase, Site Examination, Land Use Survey and Approval to Conduct Pumping Test
- ☐ BRP WS 15 Pumping Test Report Approval and Approval to Construct Source
- ☐ BRP WS 37 Approval of Transient Non-Community Source Less than 7 Gallons per Minute (combines BRP WS 13 and BRP WS 15 submittals)

New Source Approvals = or > 70 gpm
- ☐ BRP WS 17 Exploratory Phase, Site Examination, Land Use Survey, and Conduct Pumping Test
- ☐ BRP WS 19 Pumping Test Report Approval
- ☐ BRP WS 20 To Construct Source

Water Treatment Approvals
- ☐ BRP WS 21A To Conduct Pilot Study < 40,000 gpd
- ☐ BRP WS 21B To Conduct Pilot Study = or > 40,000 gpd and < 200,000 gpd
- ☐ BRP WS 21C To Conduct Pilot Study = or > 200,000 gpd and < 1 mgd
- ☐ BRP WS 21D To Conduct Pilot Study = or > 1 mgd
- ☐ BRP WS 22A Pilot Study Report < 40,000 gpd
- ☐ BRP WS 22B Pilot Study Report = or > 40,000 gpd and < 200,000 gpd
- ☐ BRP WS 22C Pilot Study Report = or > 200,000 gpd and < 1 mgd
- ☐ BRP WS 22D Pilot Study Report = or > 1 mgd
- ☐ BRP WS 23A To Construct Facility <40,000 gpd
- ☐ BRP WS 23B To Construct Facility = or > 40,000 gpd and < 200,000 gpd
- ☐ BRP WS 23C To Construct Facility = or > 200,000 gpd and < 1 mgd
- ☐ BRP WS 24 To Construct Facility = or > 1 mgd
- ☐ BRP WS 25 Treatment Facility Modification
- ☐ BRP WS 29 Water Treatment: Chemical Addition Retrofits of Water Systems > 3,300 people
- ☐ BRP WS 30A Vending Installation Approval
- ☐ BRP WS 30B POU/POE Installation Approval
- ☐ BRP WS 34 Water Treatment: Chemical Addition Retrofits of Water Systems = or < 3,300 people
- ☐ BRP WS 35A Multiple Vending Installation Approval
- ☐ BRP WS 35B Multiple POU/POE Installation Approval

Water Quality Assurance
- ☐ BRP WS 26 Sale or Acquisition of Land for Water Source
- ☐ BRP WS 36 Abandonment of Water Source

Distribution System Modifications
- ☐ BRP WS 32 Systems > 3,300 people
- ☐ BRP WS 33 Systems = or < 3,300 people

BRP WS Application

For Drinking Water Program (Water Supply) Permits or Approvals

Transmittal Number

Facility ID# (if known)

C. Certification

"I certify, under penalty of law, that this application and all attachments were prepared under my supervision, in accordance with a system designed to ensure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information submitted in this application, the information submitted is, to the best of my knowledge and belief, true, accurate and complete."

Authorized Signature

Date

Print Name

Position/Title