



Massachusetts Department of Environmental Protection
Bureau of Resource Protection – Water Management Act Program

20-Year Permit Renewal Application

Attached you will find a copy of the “Massachusetts Department of Environmental Protection Water Management Act Program 20-Year Permit Renewal Application Form”.

PLEASE NOTE - This application form is for Water Management permittees who do not anticipate needing more water during the upcoming 20-year permit period than they are currently permitted for in their Water Management Act permit. If you do not anticipate needing additional water, please complete this form and submit it to MassDEP, One Winter Street, 5th floor, Boston, MA 02108.

Permittees who anticipate needing additional water will need to file an application for a new Water Management permit. The application requirements and forms for a new Water Management permit can be found at <http://www.mass.gov/dep/water/approvals/wmgforms.htm>, BRP WM 03 - Water Management Withdrawal Permits.

Permittees who do not need to increase their authorized withdrawal volume now, but expect to need more water in five or ten years can either a) apply for a new 20-year permit for the anticipated additional withdrawal volumes now, or b) can apply for a permit renewal for the current authorized withdrawal volume now, and then file a full application for a new permit in five or ten years as their water withdrawals approach the authorized permit limit. Preparation and review of a full permit application can be time consuming. Permittees should allow ample time to prepare and submit a new permit application.

Demand Projections – Authorized withdrawal volumes in Water Management Act permits and permit renewals for public water supplies will be based on Department of Conservation and Recreation (DCR) Office of Water Resources 20-year demand projections. Please contact the Office of Water Resources if you are a public water supplier and you have any questions or concerns about the 20-year demand projections for your community and the data needed to complete the projections.

Non-public water supply Water Management permit holders and public water suppliers who do not have completed demand projections from DCR should request withdrawal volumes based on their best estimate of their water needs through the coming 20 years. In many cases, this will be the same as the amount in their current permit, in some cases where water demand has fallen, permittees will request less than the amount authorized in their current Water Management permit. Permittees who anticipated needing more water than their current permit authorizes will want to both renew their current Water Management Permit and file an application for a permit for the additional withdrawal volumes.

MassDEP is required to publish notice of all permit and permit renewal applications in the Environmental Monitor as part of the application review process and to accept public comment on the applications for 30 days after the notice appears in the Monitor. Because MassDEP relies on the public comment process to help identify potential environmental impacts from water withdrawals, we cannot issue Water Management permits or permit renewals for volumes greater than what is requested in the application and published in the Environmental Monitor.

Water Conservation for Public Water Suppliers – Water Conservation is an integral part of all Water Management permits. Public Water Suppliers must complete the “Commonwealth of Massachusetts Water Resources Commission Water Conservation Questionnaire for Public Water Suppliers”. This questionnaire will document permittees’ compliance with the conservation requirements in the current Water Management permit, and will outline permittees’ plans for any additional conservation measures during the upcoming permit period. If you have any questions about the Water Conservation Questionnaire, please contact the DCR Office of Water Resources or the DEP Water Management Program.

Water Conservation for Other WMA Permittees – Non-public water supply permittees are required to provide a written description of their conservation program over the life of the current Water Management Permit in the “20-Year Permit Renewal Application, Section C, Special Permit Conditions”. Permit renewal applicants must also provide a written plan for water conservation during the 2008-2028 permit period as part of their permit renewal application. At a minimum, applicants will be expected outline a program that meets the Massachusetts Water Conservation Standards (Executive Office of Environmental Affairs and Water Resources Commission. July 2006. Water Conservation Standards, available at http://www.mass.gov/envir/mwrc/pdf/Conservation_Standards.pdf). If you have any questions about documentation of your existing water conservation program or about the water conservation requirements for your permit renewal application, please contact the DEP Water Management Program.



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WATER MANAGEMENT ACT 20-YEAR PERMIT RENEWAL SCHEDULE

Watershed Number	Watershed Name	Renewal Application Filing Date	Permit Renewal Effective Date	20-Year Permit Term
1	Hudson River Basin	May 1-31, 2008	August 31, 2008	2008-2028
12 20	Blackstone River Basin Charles River Basin	November 1-30, 2008	February 28, 2009	2009-2029
17 18	Ipswich River Basin North Coastal Basin	May 1-May 31, 2009	August 31, 2009	2009-2029
19 25	Boston Harbor Basin Taunton River Basin	November 1-30, 2009	February 28, 2010	2010-2030
21	South Coastal Basin	May 1-31, 2010	August 31, 2010	2010-2030
22	Cape Cod Basin	August 1-31, 2010	November 30, 2010	2010-2030
23	Islands Basin	November 1-30, 2010	February 28, 2011	2011-2031
24	Buzzards Bay Basin	February 1-28, 2011	May 31, 2011	2011-2031
14	Concord River Basin	May 1- 31, 2011	August 31, 2011	2011-2031
27	Ten Mile River Basin	August 1-31, 2011	November 30, 2011	2011-2031
3	Deerfield River Basin	November 1-30, 2011	February 28, 2012	2012-2032
2	Housatonic River Basin	February 1-29, 2012	May 31, 2012	2012-2032
5	Farmington River Basin	May 1- 31, 2012	August 31, 2012	2012-2032
4	Westfield River Basin	August 1-31, 2012	November 30, 2012	2012-2032
7	Millers River Basin	November 1-30, 2012	February 28, 2013	2013-2033
8	Chicopee River Basin	February 1-28, 2013	May 31, 2013	2013-2033
9	Quinebaug River Basin	May 1- 31, 2013	August 31, 2013	2013-2033
6	Connecticut River Basin	August 1-31, 2013	November 30, 2013	2013-2033
11	Nashua River Basin	November 1-30, 2013	February 28, 2014	2014-2034
10	French River Basin	February 1-28, 2014	May 31, 2014	2014-2034
15	Shawsheen River Basin	May 1- 31, 2014	August 31, 2014	2014-2034
13	Merrimack River Basin	August 1-31, 2014	November 30, 2014	2014-2034
16	Parker River Basin	November 1-30, 2014	February 28, 2015	2015-2035
26	Narragansett River Basin	February 1-28, 2015	May 31, 2015	2015-2035



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A. Facility Information

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



1. Permittee Contact Information:

Facility Name _____

Street Address _____

City _____ State _____ Zip Code _____

Contact Person Name/Title _____ Phone # _____

Fax # _____ Email _____

Water Management Act Permit # _____ Watershed _____

2. Consultant Contact:

Consultant Company Name _____

Street Address _____

City _____ State _____ Zip Code _____

Contact Person Name/Title _____ Phone # _____

Fax # _____ Email _____

3. Existing Permit and Registration Information

Complete the following table for your existing Water Management registration(s) and permit(s).

Watershed Name(s)	Registration(s)	Permit(s)	Total Authorized Volume(s)
_____	Registration # _____	Permit # _____	
	Registered Volume (mgd) _____	Year 20 Permit Volume (mgd) _____	Total Authorized Volume _____
_____	Registration # _____	Permit # _____	
	Registered Volume (mgd) _____	Year 20 Permit Volume (mgd) _____	Total Authorized Volume _____
_____	Registration # _____	Permit # _____	
	Registered Volume (mgd) _____	Year 20 Permit Volume (mgd) _____	Total Authorized Volume _____



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B. Water Withdrawal Information (continued)

Wastewater Discharge

7. Where will the water withdrawn be discharged?

_____ % will be discharged to a public sewer system.

_____ Sewer System Name

_____ % will be discharged to on-site disposal systems.

_____ % will be discharged to another alternative (please describe).

_____ Alternative Discharge Description

8. Is some fraction of the water withdrawn to be discharged out of this watershed (include ocean discharge if appropriate)?

Yes No If yes, what fraction of your total discharge and to which watersheds?

_____ % will be discharged to the _____ Watershed

_____ % will be discharged to the _____ Watershed

_____ % will be discharged to the _____ Watershed

_____ % will be discharged to the _____ Ocean discharge

9. Is there an NPDES discharge permit? Yes No _____ NPDES Permit #

What is the authorized NPDES daily discharge volume? _____ Gallons per day

Is the discharge volume metered? Yes No

What is the location of the discharge point? _____ Discharge point location

10. Are there groundwater discharge permit(s)? Yes No _____ GW Discharge Permit #

What is the authorized daily discharge volume? _____ Gallons per day

Is the discharge volume metered? Yes No

What is the location of the discharge point? _____ Discharge point location

Please attach copies of any NPDES or groundwater discharge permits.



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C. Special Permit Conditions

Below is a list of special conditions that are often included in Water Management permits.

- Check all special permit conditions that appear in your Water Management permit;
- Provide a brief description how you have complied with the conditions; or
- If there have been unique circumstances that have affected your compliance with the conditions during the past five years, provide that information; and
- Attach additional sheets or additional information as needed.

Maximum Authorized Daily Withdrawals from each Withdrawal Point

Zone II Delineation (for Public Water Supplies only)

Wellhead Protection (for Public Water Supplies only)

Conservation

Please attach a copy of your Water Conservation Plan and provide a brief description of how the conservation plan has been implemented.

- For municipal public water suppliers, compliance with your conservation conditions is documented by completing the Commonwealth of Massachusetts Water Resources Commission Water Conservation Questionnaire for Public Water Suppliers, revised: March 11, 2008, which can be found on the MassDEP Website at <http://www.mass.gov/dep/water/laws/outline.htm>.

Resource Monitoring - please check all that apply:

Streamflow Wetlands Pond or Lake Groundwater

Other (please describe):



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C. Special Permit Conditions (continued)

- Residential Gallons per Capita Day Performance Standard (for Public Water Supplies only)

- Unaccounted-for-Water Performance Standard (for Public Water Supplies only)

- Summer Limits on Nonessential Outdoor Water Use

- Baseline Withdrawal Volumes (for Public Water Supplies only)

- Reporting Raw and Finished Water Volumes

- Other



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Important:
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D1. Summary of 5-Year Historic Withdrawal Volumes

1. What is your current authorized withdrawal volume in this watershed? $\frac{\text{Registered Volume (mgd)}}{\text{Permit Volume (mgd)}} = \frac{\text{Total Authorized (mgd)}}{\text{Total Authorized (mgd)}}$

2. Fill in the total monthly historic withdrawals for the past five years in million of gallons (MG).
NOTE 100,000 gallons = 0.10 MG.

Calendar Year	January	February	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Annual Total
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____

3. If your withdrawals have exceeded your total authorized withdrawal, or if you can identify unique circumstances that have affected your withdrawals during the past five years, please provide that information in the space below.



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D2. 20-Year Projection of Withdrawal Volume

- Fill in the projected daily average water withdrawal in millions of gallons in Column 2.
NOTE: 100,000 gallons = 0.10 MG
- In Column 3, fill in the number of **days you expect to operate**. For **year-round withdrawals**, enter 365 days. For **seasonal withdrawals**, multiply the number of months that you will operate each year by 30 to get the days of operation (e.g., a golf course that irrigates during April, May, June, July, August and September would enter 6 months of operation x 30 days = 180 days of operation). Seasonal withdrawers must also complete Question 6 on page 8.
- Multiply the **average daily water withdrawal** (Column 2) by the **days of operation** (Column 3) to get the **total annual water withdrawal**. Enter the number in Column 4.

	(1) Calendar Year	(2) Average Daily Withdrawal Volume (mgd)	(3) Days of Operation	(4) Total Annual Water Withdrawal (mgy)
Years 1-5	_____	_____	_____	_____
	_____	_____	_____	_____
	_____	_____	_____	_____
	_____	_____	_____	_____
	_____	_____	_____	_____
Years 6-10	_____	_____	_____	_____
	_____	_____	_____	_____
	_____	_____	_____	_____
	_____	_____	_____	_____
	_____	_____	_____	_____
Years 11-15	_____	_____	_____	_____
	_____	_____	_____	_____
	_____	_____	_____	_____
	_____	_____	_____	_____
	_____	_____	_____	_____
Years 16-20	_____	_____	_____	_____
	_____	_____	_____	_____
	_____	_____	_____	_____
	_____	_____	_____	_____
	_____	_____	_____	_____

