



MASSACHUSETTS WATER RESOURCES AUTHORITY
CONSTRUCTION SITE DEWATERING PERMIT
APPLICATION

INSTRUCTION SHEET

In accordance with Massachusetts Water Resources Authority (MWRA) Sewer Use Regulations, 360 C.M.R. §§ 10.007, 10.052, 10.072, and 10.092, users must complete and file a Sewer Use Discharge Permit Application. The Application must be filed with the MWRA and the Municipality in which the sewer user's discharge is located. Failure to submit a copy of the application to the Municipality is a violation of 360 C.M.R. 10.052 and may delay the processing of the permit. In addition, if your facility is either a treatment, storage, or disposal facility (TSDF) or Level III recycler under the Massachusetts hazardous waste regulations, a third copy must be sent to the Massachusetts Department of Environmental Protection. Please read the following instructions before completing the form. If you have any questions, please call the Toxic Reduction and Control at (617)305-5627 and ask to speak to the Industrial Coordinator for the city or town in which the facility to be permitted is located.

1. Answer all questions carefully.
2. **Full payment of the Permitting Charge is due with the application and the fee is not refundable.** The amount of the Permitting and Monitoring Charges can be found at 360 C.M.R. 10.101 and 10.102, available for review on the Authority's website: www.mwra.com/03sewer/html/trac.htm. The Authority will issue an invoice for the Monitoring Charge if the permit will be issued. Full payment of both the Permitting Charge and Monitoring Charge is required before the permit is issued.
3. For the questions which do not apply, please write "N/A" or "not applicable" in the space provided. Please do not leave the question blank, because we may assume you missed the question and send the application back to you.
4. If more space is needed, please attach additional pages.
5. If you have previously submitted information required by this application and that information is unchanged, you must resubmit the information. If there are only minor changes, you may resubmit the information and on a separate sheet indicate the changes that have occurred with page references for each change.

6. If you have not already done so, submit to the Massachusetts Department of Environmental Protection (MADEP) a classification of your pretreatment system by completing the attached pretreatment facility grading report form. Include a process flow diagram of the pretreatment system and send to:

Board of Certification
DEP Training Center
Route 20
Milbury, MA 01527

7. The form must be signed and dated by an authorized representative of the user to be valid. The MWRA has adopted the EPA's definition of an Authorized Representative, 40 CFR 403.12., as follows:

- (A) For a corporation, its (i) president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy-or decision-making functions for the corporation, or (ii) the manager of one or more manufacturing, production, or operation facilities employing more than 250 persons or having gross annual sales or expenditures exceeding \$25 million (in second-quarter 1980 dollars), if authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.
- (B) For a partnership or sole proprietorship, a general partner or proprietor.

By a duly authorized representative of an individual designated in paragraph (A) or (B) if: (i) the authorization is made in writing by the individual described in paragraph (A) or (B); (ii) the authorization specifies either an individual or a position having responsibility for the overall operation of the facility from which the Industrial Discharge originates, such as the position of plant manager or a position of equivalent responsibility, or having overall responsibility for environmental matters for the company; and (iii) the written authorization is submitted with this form.

8. Submit the completed application in the following manner, please keep a copy for your own records:

- Please submit two copies of the application, one hard copy and one electronic copy to the TRAC office. Please send an additional copy to the municipality that the facility resides in.
- The hard copy of the application should contain 2 “wet” signatures, a signature for the property Owner and a signature for the Construction Company and be mailed to the TRAC office address listed on the top page of page 1 of this application.
- The electronic copy of the application should be a **single** pdf document that is a compilation of the permit application document and all supporting information. The electronic copy of the application should be emailed to TRACPermits@mwra.com.
- In the subject line of the email submittal, please identify the submittal as follows: DEWATER PERMIT APPLICATION, Company Name.
- Because of file size limitations with the MWRA email server, please scan the permit application and all supporting information at the lowest scan setting. Most scanners will default to a very high photo realistic DPI (dots per inch) setting. Please use the lowest DPI setting to obtain a readable document, yet compressed file size.
- After scanning, if the pdf file is slightly larger than 5 MB, try compressing a zip file. There may be enough compression with the zip file to get below the 5 MB server limitation. If the file is too large to email, please send an email to TRACApplications@mwra.com requesting a link to the MWRA Share File server.

9. You must submit a completed application no later than sixty (60) days before your current permit expires in order for your current permit to remain in effect pending a decision on your new application.

MWRA ADDRESS:

2 Griffin Way
Chelsea, MA 02150-3334
Attention: TRAC

MUNICIPAL ADDRESS:

Refer to: <https://www.mwra.com/03sewer/html/tracpermits.htm>

CONSTRUCTION SITE DEWATERING DISCHARGE PERMIT APPLICATION



TOXIC REDUCTION AND CONTROL DEPARTMENT
2 GRIFFIN WAY
CHELSEA, MASSACHUSETTS 02150-3334

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Permit Number _____ Applicant Name _____
Facility Address _____

**MASSACHUSETTS WATER RESOURCES AUTHORITY
TOXIC REDUCTION AND CONTROL DEPARTMENT
2 GRIFFIN WAY
CHELSEA, MASSACHUSETTS 02150-3334**

**CONSTRUCTION SITE DEWATERING DISCHARGE PERMIT
APPLICATION**

SECTION A - GENERAL INFORMATION

**Name and address of the
property owner:**

**Name and address of the
contractor hired to perform the construction:**

**Name, title, and telephone number of the
authorized representative for the property owner:**

Name: _____
Title: _____
Telephone #: _____
Email address: _____

**Name, title, and telephone number of the
authorized representative for the construction
company:**

Name: _____
Title: _____
Telephone #: _____
Signature: _____
Email address: _____

Anticipated date of initial discharge:

Note to Authorized Representative: In accordance with Title 40 of the Code of Federal Regulations (C.F.R.) Part 403, Section 403.14 and M.G.L. c.21 and 27, information and data provided in this questionnaire which identified the nature and frequency of discharge shall be available to the public without restriction. Requests for confidential treatment of other information shall be governed by procedures specified in 40 C.F.R. part 2 and 360 C.M.R. § 10.011. Should a discharge permit be required for your facility, the information in this questionnaire will be used to issue the permit.

I have personally examined and am familiar with the information submitted in this document and attachments. I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and/or imprisonment.

Date

Signature of Authorized Representative for Property Owner

SECTION B - SITE OPERATIONAL CHARACTERISTICS

- 1. Construction Site Information:
 - a. Provide a written scope of the construction project
 - b. Total construction hours per work day _____
 - c. Construction shift schedule:

First shift	start	stop
Second shift	start	stop
Third shift	start	stop
 - d. Construction days per week _____
 - e. Average annual work days per year _____
 - f. Number of employees _____

SECTION C – ALTERNATIVE METHODS FOR DISPOSAL

- 1. Indicate if other methods of disposal (such as re-injection, reuse, or hauling off site) were explored for the groundwater/storm water. If these options are not viable, indicate why. Please include all engineering/geotechnical calculations and assumptions for determining the feasibility of onsite re-injection of ground water/storm water.

SECTION D - SANITARY SEWER CONNECTION

- 1. Is there a separate storm sewer or surface water in the vicinity of the site? Yes No
- 2. Attach a copy of the city/town **sewer maps** of the area surrounding the site.
- 3. Provide a written description of the specific discharge point you propose to use (for example, "catch basin #10 on Main Street, Boston, MA"). List all discharge points from your construction site to the street sewer. If more than 3 connections will be used, attach the additional connection information on another sheet.

SECTION D - SANITARY SEWER CONNECTION (continued)

Connection	Location of Sewer Connection or Discharge Point (Name of street, buildings, etc.)
1	_____
2	_____
3	_____

SECTION E - WASTEWATER PRETREATMENT

Wastewater treatment performed before sewer system discharge

1. Is there any form of pretreatment practiced at your construction site? Yes____No____
(Refer to list below)
2. Complete the following table, identifying all treated wastestreams.

In the spaces provided in the pretreatment column, fill in the number corresponding to the applicable treatment method(s).

- | | |
|---------------------------------|------------------------|
| 1. Neutralization/pH adjustment | 6. Silver Recovery |
| 2. Chemical precipitation | 7. Screen/Grit removal |
| 3. Sedimentation | 8. Grease trap |
| 4. Filtration | 9. Gas/Oil separator* |
| 5. Ion exchange | 10. Other_____ |

SECTION E - WASTEWATER PRETREATMENT (continued)

Treated Wastestream	Pretreatment	Discharge Frequency		Sewer Connection from Sec. D			
		batch	continuous	1	2	3	other:_____
_____	_____	_____	_____	---	---	---	---
_____	_____	_____	_____	---	---	---	---
_____	_____	_____	_____	---	---	---	---

3. Provide the Massachusetts Department of Environmental Protection (DEP) classification for your pretreatment system. Pretreatment system class _____

4. List name and DEP operator grades for certified pretreatment system operators working at your facility.

Operator Name _____ Grade
 Operator Name _____ Grade
 Operator Name _____ Grade

5. Provide a process flow diagram for each pretreatment system. Include the location of flow meters, accessible sampling points and sewer connection(s) which receive treated wastewater. Provide sewer connection number from Section E.

Section F - OTHER FILINGS:

There are circumstances when the MWRA cannot issue a permit to you until you fulfill the requirements of another agency. Section F asks for information about whether you are required to making other filings or meet with the Massachusetts Historical Commission (MHC) or under the Massachusetts Environmental Policy Act (MEPA) and the status of your filing, if any. If you have any questions about the requirements of those agencies, please contact them for information: MHC may be reached at 617-727-8470; the MEPA office may be reached at 617-727-5830. For projects located within the City of Boston, Section F asks if your project is located within the City's Groundwater Conservation Overlay District (GCOD) and subject to Article 32 zoning. For more information regarding the City of Boston's GCOD, visit <https://www.bwsc.org/builders-contractors/site-plan-requirements/groundwater-overlay-district>.

A. **Is the activity for which you require an MWRA permit a part of a project that is likely to impact a geographic area and affect or cause a change in the historical, architectural, archeological, or cultural qualities of a property as defined by the Massachusetts Historical Commission (MHC)?** (For example, answer "no" if this application is for a permit renewal or you are not doing new construction. MHC defines "new construction" as a modification to the land or any existing structure.) yes no If "no," skip question B.

SECTION F - OTHER FILINGS (continued)

B. If your answer to question A is “yes:”

- (1) Have you provided the required project notification form (950 CMR 71, Appendix A) to the MHC? yes no**
- (2) Briefly describe the status of the project with MHC. Provide documentation (see 950 CMR 71.07) allowing the MWRA to act on this application. If you have not provided notice to the MHC, explain why you have not provided notice and when you will provide notice**

C. Is the activity for which you require an MWRA permit a part of a project that is subject to review under the Massachusetts Environmental Policy Act (MEPA)? *(For example, answer “no” if this application is for a permit renewal or not part of a larger project. The MEPA review thresholds are found in 301 CMR 11.00.)* yes no
If “no,” skip question D.

D. If your answer to question C is “yes:”

- (1) Have you made the required MEPA filing? yes no**
- (2) Briefly describe the status of the MEPA review. Provide documentation (see 301 CMR 11.10) allowing the MWRA to act on this application. If you have not filed with MEPA, explain why you have not filed and when you will file.**

E. Is the activity for which you require an MWRA permit located within the City of Boston’s Groundwater Overlay District *(for more information visit: <https://www.bwsc.org/builders-contractors/site-plan-requirements/groundwater-overlay-district>)* yes no

Section G – CONSTRUCTION SITE DEWATERING CHARACTERISTICS

- 1) Anticipated date of initial discharge: _____
- 2) Anticipated date of discharge completion: _____
- 3) Check all operations that apply to your site:
 - Temporary Construction Site Dewatering _____
 - Permanent Site Dewatering* _____
 - Site/Groundwater Remediation* _____
 - Other (specify) _____

* The discharge of groundwater remediation and permanent site dewatering into the Authority's sewer system is prohibited pursuant to 360 C.M.R. 10.023(1) and 10.091. An application solely for such discharges will be denied.

- 4) Provide a thorough description of the operation(s) checked above.
- 5) Has an Environmental Impact Report or Environmental Notification Form been prepared for the site? If so, please enclose a copy.
- 6) Is the site listed with the DEP as a Location to be investigated (LTBI) and/or Confirmed Disposal Site (CDS)? If so, enclose correspondence and reports submitted to the Department of Environmental Protection (DEP).
- 7) Provide a description of what the site has been used for the past fifty to one-hundred years.
- 8) Provide analytical results of the groundwater in the area to be dewatered for the following parameters using the EPA approved methodologies for waste water (40 CFR 136):

<u>Parameters(s)</u>	<u>Required EPA analysis</u>
TTO (Volatile Organic Fraction)	624.1
TTO (Acid/Base/Neutrals Organic Fraction)	625.1
TTO (PCB Fraction)	608.3
TTO (Pesticide Fraction)	608.3
pH	SM 4500H+B
Cadmium (total)	200.7
Chromium (total)	200.7
Copper (total)	200.7
Lead (total)	200.7
Nickel (total)	200.7
Silver (total)	200.7
Zinc (total)	200.7
Arsenic (total)	200.7
Mercury (total)	245.1
Selenium (total)	200.7
Antimony (total)	200.7