



Department of Environmental Protection

One Winter Street, Boston, Ma 02108 617-292-5500

Charles D. Baker
Governor

Karyn E. Polito
Lieutenant Governor

Matthew A. Beaton
Secretary

Martin Suuberg
Commissioner

June 2016

Monitoring Waivers Program

2017 - 2019 Compliance Period

Information Sheet
Application Form Attached

Nine-year Waiver Compliance Cycle 2011-2019		
1st Period 2011-2013	2nd Period 2014-2016	3rd Period 2017-2019

The public water system (PWS) monitoring waiver application for the third period (2017-2019) of the nine-year cycle is attached. MassDEP will retrieve most of the needed information about your sources electronically from state databases instead of requesting the information in hard copy from the PWS.

If you want to apply for monitoring waivers for your sources, please fill out the application completely and submit to MassDEP by September 30, 2016.

You may send your waiver application in electronically to Program.Director-DWP@state.ma.us and use the naming convention of *PWSID#_PWSName_2017-19WaiverApp* in the subject line. Please scan your completed/signed application into a PDF format using the standard naming convention of *PWSID#_PWSName_2017-19WaiverApp*. Include any requested source protection documents at the end of the application.

You may also mail in your completed/signed application to: MassDEP; DWP-Monitoring Waiver Program – 5th Floor; One Winter Street; Boston, MA 02108; Attn: Marie Tennant

Waivers can be requested for each source for volatile organic compounds (VOC), synthetic organic compounds (SOC), inorganic compounds (IOC), and perchlorate. The source must have the required source protection measures in place, current treatment information, required monitoring laboratory reports¹ on file with MassDEP, and monitoring report results

¹ Please note that all monitoring reports must meet quality assurance and quality control criteria and be accepted by MassDEP prior to entry in the state database. Any outstanding rejected reports must be corrected, resubmitted either electronically or by hard copy, and accepted by MassDEP before entry into the database.

that do not exceed acceptable levels. Class B River sources are ineligible for monitoring waivers. Please read the four sections below for more detail.

Section 1: Volatile Organic Compounds (VOC)

310 CMR 22.07B

Every community and non-transient non-community source is required to initially sample VOCs for four consecutive quarters in each three-year compliance period. Sources that do not detect a contaminant during this initial compliance period are reduced to annual sampling. Systems on annual sampling may apply for a VOC waiver for their sources that would further reduce their sampling to one sample in every three-year compliance period.

In order to be eligible for a VOC waiver, the source must not have any historical VOC detects. There are two exceptions to this requirement: 1. The trihalomethane compounds: chloroform, bromoform, chlorodibromomethane, and bromodichloromethane are exempt; and, 2. If only one single VOC detect was found over 10 years ago it will be counted as a laboratory anomaly and will not impact the VOC waiver review.

The source must not be treated for VOCs and must have acceptable VOC monitoring reports in the MassDEP database for the 2014-2016 monitoring period:

- New sources must have their 4 consecutive quarters from the 2014-2016 compliance period.
- If a source had a waiver in the 2014-2016 period it would have been tested at least once in that three-year period. That report will be sufficient to renew the VOC waiver.
- If a source did not have a waiver in 2014-2016 it would have been tested annually and those three results will be accepted.

Source protection issues must also be met; no threatening land uses within the Zone I, II and/or A, B, C or interim wellhead protection areas (IWPA) of the sources, and minimum source protection requirements must be met (310 CMR 22.20B and 310 CMR 22.21). It is important that the source protection section on the application be complete so that MassDEP can update its records. Your Source Water Assessment and Protection (SWAP) report can assist you as a starting point. All threatening land uses must be noted on the application, including those found since the SWAP report had been made.

Section 2: Synthetic Organic Compounds (SOC)

310 CMR 22.07A

Every community and non-transient non-community source is required to initially sample SOC for four consecutive quarters in each three-year compliance period. Sources that do not detect a contaminant during this initial compliance period can move to a reduced sampling frequency as follows:

- Systems serving greater than 3,300 people are reduced to two quarters (not necessarily consecutive quarters) in one year during each three-year compliance period.

- Systems serving 3,300 people or fewer are reduced to once every three-year compliance period.

Systems may then apply for an SOC waiver that would waive source sampling for the three-year compliance period. Successive renewals in that compliance cycle would not require any additional samples.

In order to obtain an SOC waiver, your source must not be treated for SOC's and must have one acceptable SOC monitoring report in the MassDEP database collected during the 2014-2016 period.

Source protection issues must also be met; no threatening land uses within the Zone I, II and/or A, B, C or IWPA of the sources, and minimum source protection requirements must be met (310 CMR 22.20B and 310 CMR 22.21). It is important that the source protection section on the application be complete so that MassDEP can update its records. Your SWAP report can assist you as a starting point. All threatening land uses must be noted on the application, including those found since the SWAP report had been made.

SOC Notes:

1. There is a Massachusetts statewide waiver for diquat, endothall, glyphosate, and dioxin. However, some surface water sources will be required to test for diquat if diquat has been used as an herbicide near public drinking water sources.
2. There is a Massachusetts statewide waiver for ethylene dibromide (EDB) and dibromochloropropane (DBCP) for surface water sources only.

Section 3: Inorganic Compounds (IOC)

310 CMR 22.06

Every community and non-transient non-community groundwater source is required to sample IOCs once during every three-year compliance period and surface water sources must sample once each year. Systems may apply for an IOC waiver that would reduce sampling for both groundwater and surface sources to one sample every nine-year compliance cycle. An IOC waiver lasts for the entire nine-year compliance cycle and does not need to be renewed every three-year period.

For first-time applicants:

In order to be eligible for an IOC waiver, the source must not be treated for IOC contaminants and must have three acceptable monitoring sample reports in the MassDEP database:

- Groundwater sources must have a sample collected in the 2014-2016 compliance period, plus two more from the two immediately preceding compliance periods.
- Surface water sources must have their annual IOC results from the past three years.

For sources that have an existing IOC waiver in the 2014-2016 compliance period:

You do not need to apply as the IOC waiver is valid for the entire nine-year compliance cycle ending in 2019.

Source protection issues must also be met; no threatening land uses within the Zone I, II and/or A, B, C or IWPA of the sources, and minimum source protection requirements must be met (310 CMR 22.20B and 310 CMR 22.21). It is important that the source protection section on the application be complete so that MassDEP can update its records. Your SWAP report can assist you as a starting point. All threatening land uses must be noted on the application, including those found since the SWAP report had been made.

IOC Notes:

1. Perchlorate waivers are handled separately from the regular IOC suite. See the next section for information on a perchlorate waiver.
2. There are no waivers for sodium; therefore, all sources must test for sodium.
3. There is a statewide waiver for source testing of asbestos. Systems with asbestos-cement pipe are required to test for asbestos within their distribution system; no waivers of this testing are allowed.

Section 4: Perchlorate Waiver

310 CMR 22.06

Every community and non-transient non-community source is required to initially sample for perchlorate:

- Groundwater sources must be sampled once in April and once in September.
- Surface water sources must be sampled for four consecutive quarters.

Sources that do not detect a contaminant during this initial compliance period can move to reduced sampling of once annually in the third quarter.

Systems may apply for a perchlorate waiver for their sources. This waiver would reduce their sampling to one sample in every three-year compliance period. In order to obtain a perchlorate waiver, your source must not be treated for perchlorate and have the following acceptable monitoring reports in the MassDEP database collected during the 2014-2016 period:

- Sources that had a waiver in the 2014-2016 period must have a least one MassDEP-accepted lab result.
- First time surface and groundwater sources: After the initial monitoring has been met, must have three MassDEP-accepted lab results.

Additional source protection requirements must also be met to be eligible for a perchlorate waiver. There can be no fireworks-display permits issued for any location within the Zone II of a groundwater source, or Zones A and B of a surface water source, since January 1, 2006. Furthermore, the supplier shall verify that no blasting permits have been issued for any location within the Zone II or Zones A and B since January 1, 2006. Blasting and fireworks permits are issued by local fire departments.

How to Submit a Monitoring Waiver Application

If you want to apply for monitoring waivers for your sources, please fill out the attached application completely and submit to MassDEP.

Electronic Submittal

You may send the waiver application in electronically to Program.Director-DWP@state.ma.us and use *PWSID#_PWSName_2017-19WaiverApp* as the subject line. Please scan your completed/signed application into a PDF format using the standard naming convention of *PWSID#_PWSName_2017-19WaiverApp*. Include any requested source protection documents at the end of the application.

US Post Office Submittal

You may also mail in your completed/signed application to: MassDEP; DWP-Monitoring Waiver Program – 5th Floor; One Winter Street; Boston, MA 02108; Attn: Marie Tennant

Deadline for Submission

September 30, 2016.

Application Form Location

The application form is attached and is also available on the web at:

<http://www.mass.gov/eea/agencies/massdep/water/approvals/drinking-water-forms.html#10>

Technical Assistance

MassDEP shares your goal of providing safe water to all users and is available if you need technical assistance. MassDEP Drinking Water Program Monitoring Waiver Contacts are listed below.

Location	Name	Phone Number	Email Address
CERO	Paula Caron	508-767-2719	Paula.Caron@state.ma.us
NERO	James Persky	978-694-3227	James.Persky@state.ma.us
SERO	Isabel Collins	508-946-2726	Isabel.Collins@state.ma.us
WERO	Cathy Wanat	413-755-2216	Catherine.Wanat@state.ma.us
Boston	Marie Tennant	617-292-5885	Marie.Tennant@state.ma.us

If you wish to be contacted by a technical assistance provider please contact Michael Maynard at 508-767-2735 or Michael.Maynard@state.ma.us.

You may also contact the Drinking Water Program at Program.Director-dwp@state.ma.us or 617-292-5770 with any questions or concerns you may have.