

# Waivers - Water Quality Reviews

| 2020 – 2028 9-year Compliance Cycle |                    |                    |
|-------------------------------------|--------------------|--------------------|
| 2020 – 2021- 2022                   | 2023 – 2024 - 2025 | 2026 – 2027 - 2028 |

All sources must meet land use criteria<sup>1</sup> and have the following water quality reports:

| Initial Monitoring                          | After Initial Period                                                                                                             | Waiver                                                                                                                | 2023-2025 Water Quality Requirements                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>VOC</b>                                  |                                                                                                                                  |                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Sample 4 consecutive quarters every 3 years | Sample annually                                                                                                                  | Reduces sampling to once / 3-year compliance period                                                                   | <p><b>Sources awarded 2020-22 waivers:</b> One VOC report collected in the 2020-22 period.</p> <p><b>Sources with no waivers in 2020-22:</b> Last 3 consecutive annual tests in 2020-22</p> <p><b>Brand new sources:</b> 4 consecutive quarters of initial testing. Pumping tests are acceptable.</p> <p>Sources must not have any historical VOC detects (except for trihalomethane compounds: chloroform, bromoform, chlorodibromomethane, or bromodichloromethane). However, <i>one single</i> VOC detect for a source is acceptable.</p>                                                                                                                                                                                                                                                                      |
| <b>SOC</b>                                  |                                                                                                                                  |                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Sample 4 consecutive quarters every 3 years | <p>serving &gt; 3300 any 2Q (in same year) in the 3-year compl period</p> <p>Serving &lt;= 3300 Once per 3-year compl period</p> | <p>Waiver = No sampling for 3-year compliance period</p> <p>(One benchmark test needed in each 9-yr compl cycle.)</p> | <p><b>Sources awarded 2020-22 waivers</b><br/>This is the 2<sup>nd</sup> period in the 2020-28 compliance cycle. Since all sources should have at least one benchmark test in the 2020-22 period, SOC waivers can be given for this next period.</p> <p><b>Sources with no waivers in 2020-22:</b> Systems over 3300 must have taken 2 samples in the 2020-22 period. Systems at or under 3300 must have at least 1 sample taken in 2020-22 period.</p> <p><b>Brand new sources:</b> must have the 4 consecutive quarters of initial SOC testing. Pumping tests are acceptable.</p> <p>There is a statewide monitoring waiver for diquat, endothall, glyphosate, and dioxin. Surface sources that used diquat may need to test for it. There is a statewide waiver for EDB and DBCP for surface sources only.</p> |

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| IOC good for 9-year compliance cycle                                                                                         |                                                                                                    |                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Groundwater sources:<br/>Once/3-year period</p> <p>Surface water sources:<br/>Once every year</p>                         | <p>same</p>                                                                                        | <p>Reduces sampling to once / 9-year compliance cycle</p> <p>One benchmark test needed in 1<sup>st</sup> compl. period even when granted a waiver because of new compl cycle.</p> | <p><b>Sources awarded 2020-22 waivers</b><br/>This is the 2<sup>nd</sup> period in the 2020-28 compliance cycle. Since all sources should have at least one benchmark test in the 2020-22 period, IOC waivers can be given for the balance of compliance cycle.</p> <p><b>Sources with no waivers in 2020-22:</b> Three acceptable IOC reports.<br/><b>Groundwater sources</b> - one IOC analyses collected in each 3-year period of the last 3 compliance periods.<br/><b>Surface water sources</b> - three annual IOC analyses in the 2020-2022 compliance period.</p> <p>IOC waivers can be granted for analytes that are detected at less than ½ the MCL. Single analyte testing can be done for detected analytes that are at or over ½ the MCL.</p> <p>No waivers for sodium. There is statewide waiver for asbestos sampling at the source; however, systems with a/c pipe must test distribution systems.</p> |
| Perchlorate                                                                                                                  |                                                                                                    |                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <p>Groundwater sources:<br/>Once in April and once in September</p> <p>Surface water sources:<br/>4 consecutive quarters</p> | <p>Annually in the 3<sup>rd</sup> quarter</p>                                                      | <p>Reduces sampling to once / 3-year compliance period</p>                                                                                                                        | <p><b>Sources with previous 2020-22 waiver:</b> Sources must have at least one acceptable sample taken during the 2020-22 compliance period.</p> <p><b>Sources with no waivers in 2020-22:</b><br/><b>Surface and Groundwater Sources:</b><br/>Three annual samples from the 2020-22 period. Brand new sources must have the initial monitoring and at least one yearly sample.</p> <p>A detect up to 0.5 ppb (1/4 of the MCL) is acceptable for a waiver.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| PFAS                                                                                                                         |                                                                                                    |                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <p>4 consec quarterly tests (2 may be waived.)</p>                                                                           | <p>&gt;3300 population 2 quarterly (in same year) samples.<br/>&lt;= 3300 one quarterly sample</p> | <p>In 9-yr cycle: First period needs testing, can be waived in next 2 periods if applied for.</p>                                                                                 | <p><b>All sources</b><br/>PWSs need a clean test in the first compliance period of the 9-year compliance cycle to be eligible to apply for waivers in the next two compliance periods of the cycle.</p> <p>Any detect nullifies a waiver.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

**'All waiver applications must meet the following Source Protection requirements:**

- \* No threatening land uses within Zones I and II and/or Zone A, B, C, or IWPA
- \* Minimum source protection requirements (310 CMR 22.20B and 22.21) must be met (ex. Zone II by-laws, floor drain regulations, best effort, Zone I notification letter etc.).
- \* Potential Sources of contamination must be updated and noted on the application (refer to SWAP report)  
<http://www.mass.gov/dep/water/drinking/swapreps.htm>

Any testing that is required has to be approved and accepted by MassDEP.