



PFAS DRINKING WATER RULES

QUICK REFERENCE GUIDE

OVERVIEW OF THE RULES

- TITLE:** Per- and Polyfluoroalkyl Substances (PFAS) Rules
- PURPOSE:** Increase public health protection through testing and reducing exposure to PFAS in drinking water.
- DESCRIPTION:** The PFAS rules establish maximum contaminant levels (MCL) for seven different substances and allow for greater protection of public health and the environment.
- APPLICABILITY:** The PFAS rules apply to all community and nontransient noncommunity water supply supplies. Provisions exist for monitoring of other regulated public water supply classifications.

PUBLIC HEALTH BENEFITS

Implementation of the PFAS rules will:

- Establish enforceable standards for seven PFAS compounds.
- Improve public health by limiting exposure to PFAS in drinking water.
- Provide better understanding of where sources of PFAS contamination exist and how they are impacting drinking water.

MONITORING REQUIREMENTS

FIRST SIX MONTHS FOLLOWING RULE PROMULGATION

Supplies that must sample between October 1 and December 31, 2020:

- Any supply with one or more samples taken as part of Michigan's 2018/2019 Statewide PFAS Survey with results greater than 50 percent of a PFAS MCL.
- Any supply with one or more sampling points that was not sampled as part of Michigan's 2018/2019 Statewide PFAS Survey.

Supplies that must sample before February 3, 2021:

- Any supply with samples taken as part of Michigan's 2018/2019 Statewide PFAS Survey with no detection(s) or detection(s) less than or equal to 50 percent of a PFAS MCL.

INITIAL MONITORING FOR NEW WATER SUPPLIES OR SOURCES

- New supplies or supplies using a new source of water must demonstrate compliance with the MCLs before serving water to the public.
- In addition, supplies must sample beginning the first full quarter following initiation of operations.

ONGOING MONITORING

Quarterly Monitoring:

- Supplies must sample quarterly if a contaminant is detected above the reporting limit in any sample or if the supply is out of compliance with an MCL.

- Reduced monitoring may be available if it is determined the supply is reliably and consistently below the MCL.

Annual Monitoring

- The Department may reduce a supply to annual monitoring if results of monitoring conducted after rule promulgation are below reporting limits or if the supply is determined to be reliably and consistently below the MCLs.

REPORTING REQUIREMENTS

- Sample results must be reported to the department within the first ten days of the month following the month that results were received or within the first ten days following the end of the monitoring period, whichever is sooner.

MCL COMPLIANCE DETERMINATION

- Compliance with an MCL is based on a running annual average at each sampling point.
- Unless fewer samples cause the running annual average to exceed the MCL, a supply will not be in violation of an MCL until it has completed one year of quarterly sampling.
- If a supply does not collect all required samples, compliance will be based on the running annual average of the samples collected.

NON-COMPLIANCE

Monitoring Violation

- If a supply fails to monitor as required, Tier 3 public notification must be issued within 12 months and repeated annually until the violation is resolved.

MCL Violation

- If a supply is determined to be in violation of a PFAS MCL, Tier 2 public notification must be issued within 30 days and repeated every three months until the violation is resolved.

REGULATED PFAS AND ASSOCIATED MCLs

Contaminant	MCL (ng/L)*
Perfluorononanoic acid (PFNA)	6
Perfluorooctanoic Acid (PFOA)	8
Perfluorooctane Sulfonic Acid (PFOS)	16
Perfluorohexane Sulfonic Acid (PFHxS)	51
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	370
Perfluorobutane Sulfonic Acid (PFBS)	420
Perfluorohexanoic Acid (PFHxA)	400,000

*ng/L = Nanogram/liter

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