

PFAS Monitoring - Northwest Ottawa Water Treatment Plant

7 PFAS Compounds Regulated by Michigan's PFAS RULE <i>MCL »»</i>	Perfluoro-nonanoic Acid (PFNA) <i>6 ppt</i>	Perfluoro-octanoic Acid (PFOA) <i>8 ppt</i>	Perfluoro-octane Sulfonic Acid (PFOS) <i>16 ppt</i>	Perfluoro-hexane Sulfonic Acid (PFHxS) <i>51 ppt</i>	Hexafluoro-propylene Oxide Dimer Acid (HFPO-DA) <i>370 ppt</i>
<i>Sample Date</i>	<i>Result</i>	<i>Result</i>	<i>Result</i>	<i>Result</i>	<i>Result</i>
In Compliance	Yes	Yes	Yes	Yes	Yes
RAA	ND	0.92	0.28	ND	ND
1/23/2023	ND	4	ND	ND	ND
12/28/2022	ND	2	ND	ND	ND
11/29/2022	ND	ND	ND	ND	ND
10/19/2022	ND	ND	ND	ND	ND
9/21/2022	ND	ND	ND	ND	ND
8/18/2022	ND	ND	ND	ND	ND
7/20/2022	ND	ND	3.3 ppt	ND	ND
6/28/2022	ND	3 ppt	ND	ND	ND
5/26/2022	ND	ND	ND	ND	ND
4/20/2022	ND	ND	ND	ND	ND
3/17/2022	ND	ND	ND	ND	ND
2/21/2022	ND	2 ppt	ND	ND	ND

The State of Michigan through the guidance of the Michigan Department of Environment, Great Lakes, and Energy has implemented a new PFAS Rule, August 2020. The new guidelines require quarterly sampling on our finished water supply for 7 PFAS compounds starting in the first quarter of 2021. Sampling frequency has been reviewed by management and a decision has been made to increase sampling to monthly, exceeding the requirement by the State. All results will be posted here in descending order. Compliance will be evaluated on a running annual average (RAA).

ppt - Parts Per Trillion

ND - Non Detect or Not Detected / Considered Below The Reporting Limit

RAA - Running Annual Average (12 month ave.)

MCL - Maximum Contaminant Level

Perfluoro-butane Sulfonic Acid (PFBS) <i>420 ppt</i>	Perfluoro-hexanoic Acid (PFHxA) <i>400,000 ppt</i>
Result	Result
Yes	Yes
ND	0.17
ND	2
ND	ND
ND	ND
ND	ND
ND	ND
ND	ND
ND	ND
ND	ND
ND	ND
ND	ND
ND	ND
ND	ND

RAA		Mar	Jun	Jul	Aug	Sep	Oct	Nov
0.00	PFNA	0	0	0	0	0	0	0
0.92	PFOA	0	0	0	0	0	2	0
0.28	PFOS	0	2	2	3	2	2	0
0.00	PFHxS	0	0	0	0	0	0	0
0.00	HFPO-DA	0	0	0	0	0	0	0
0.00	PFBS	0	0	0	0	0	2	0
0.17	PFHxA	0	0	0	0	0	2	0

ny's (EGLE) enacted into law the PFAS compounds beginning the increase PFAS sampling frequency since with the new Rule will not

limit (RL)

Mar Apr May Jun Jul Aug Sep Oct Nov Dec