

PFAS Monitoring - Northwest Ottawa Water Treatment Plant Update 3/1/23 EL

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>	Perfluoro- butane Sulfonic Acid (PFBS) <i>420 ppt</i>	Perfluoro- hexanoic Acid (PFHxA) <i>400,000 ppt</i>
<i>Sample Date</i>	<i>Result</i>	<i>Result</i>	<i>Result</i>	<i>Result</i>	<i>Result</i>	<i>Result</i>	<i>Result</i>
In Compliance	Yes	Yes	Yes	Yes	Yes	Yes	Yes
RAA	ND	0.92	0.28	ND	ND	ND	0.17
2/22/2023	ND	2	ND	ND	ND	ND	ND
1/23/2023	ND	4	ND	ND	ND	ND	2
12/28/2022	ND	2	ND	ND	ND	ND	ND
11/29/2022	ND	ND	ND	ND	ND	ND	ND
10/19/2022	ND	ND	ND	ND	ND	ND	ND
9/21/2022	ND	ND	ND	ND	ND	ND	ND
8/18/2022	ND	ND	ND	ND	ND	ND	ND
7/20/2022	ND	ND	3.3 ppt	ND	ND	ND	ND
6/28/2022	ND	3 ppt	ND	ND	ND	ND	ND
5/26/2022	ND	ND	ND	ND	ND	ND	ND
4/20/2022	ND	ND	ND	ND	ND	ND	ND
3/17/2022	ND	ND	ND	ND	ND	ND	ND

The State of Michigan through the guidance of the Michigan Department of Environment, Great Lakes, and Energy's (EGLE) enacted into law the new PFAS Rule, August 2020. The new guidelines require quarterly sampling on our finished water supply for 7 PFAS compounds beginning the first quarter of 2021. Sampling frequency has been reviewed by management and a decision has been made to increase PFAS sampling frequency to monthly, exceeding the requirement by the State. All results will be posted here in descending order. Compliance with the new Rule will not change and will be evaluated on a running annual average (RAA).

ppt - Parts Per Trillion
 ND - Non Detect or Not Detected / Considered Below The Reporting Limit (RL)
 RAA - Running Annual Average (12 month ave.)
 MCL - Maximum Contaminant Level