



8-9-2022

Marinette Water Utility
501 Water Street
Marinette, WI 54143

Subject: PFAS Drinking Water Sampling

Dear Customer:

Wisconsin and states nationwide are faced with challenges related to Per- and Polyfluoroalkyl substances (PFAS), which have been manufactured and used for years in everyday items such as nonstick cookware, water-resistant clothing and personal care products. PFAS have also been widely used in firefighting foams, at military installations and in other industries. A large number of studies in people have examined possible relationships between levels of PFAS in blood and harmful health effects in people.

The Wisconsin Department of Natural Resources (WI DNR) is conducting a voluntary statewide investigation into the occurrence of Per- and Polyfluoroalkyl Substances (PFAS) in drinking water at municipal drinking water suppliers in WI during 2022. Marinette Waterworks has decided to sample for PFAS to proactively assess the potential impacts of PFAS in the drinking water and to quickly take steps to protect the health of our customers if needed.

WI DNR will be working closely with WI State Lab of Hygiene throughout the entire process to ensure our system is provided with results in a timely manner. WI DNR has posted sample results that have become available at [Per/Poly-Fluoroalkyls \(PFAS Form\) Sample 7/12/2022 \(wi.gov\)](#). The Agency will also be actively working with any public water systems that identify levels of PFAS in drinking water to ensure the validity of data and identify appropriate response measures, including outreach and communication with customers. Attached are the laboratory results provided to the utility from this sampling event.

If you have any questions about the sampling that has occurred at our public water system, please contact Warren Howard at 715-732-5180 or visit our website ([PFOA and PFOS Investigation | Marinette, WI](#)).

WI DNR and Marinette Waterworks are also coordinating on outreach and educational materials for residents on PFAS, including health-related information and steps to reduce potential exposures. A state website has been set up to provide stakeholders with information about PFAS at [PFAS | Wisconsin DNR](#). We encourage you to visit this website for helpful information about PFAS and reducing your exposure risks.

Sincerely,

Warren Howard
Water and Wastewater Operations Manager



Wisconsin State Laboratory of Hygiene
 2601 Agriculture Drive, PO Box 7996
 Madison, WI 53707-7996
 (800)442-4618 - FAX (608)224-6213
<http://www.slh.wisc.edu>

Laboratory Report

Environmental Health Division

WSLH Sample: 630422001

Report To:
 NEIL MOTTO
 MARINETTE WATERWORKS
 501 WATER ST
 MARINETTE, WI 54143

Invoice To:
 DANA WEBER, BUS. MGR
 MARINETTE WATERWORKS
 501 WATER ST
 MARINETTE, WI 54143
 Customer ID: 43803958

System Name: MARINETTE WATERWORKS
 City: MARINETTE
 Collection Date/Time: 07/12/2022 14:15
 Collected By: NEIL MOTTO
 County: 38 - Marinette
 Source Code: E - Entry Point
 Collection Address: 501 WATER ST
 Location of Sample: ENTRY POINT 81

Monitor Point ID: EP-81
 PWS ID#: 43803958
 WI Unique Well#:
 Entry Point ID: 81
 Date Received: 7/13/2022
 Date Reported: 7/25/2022
 Sample Type: I-Investigation

PFAS in DW

Analyte	Analysis Method	Result	Units	LOD	LOQ
Prep Date: 07/14/22 10:30		Analysis Date: 07/14/22 18:20			
PFBS (375-73-5)	EPA Method 537.1	<0.965	ng/L	0.965	0.965
PFHxA (307-24-4)	EPA Method 537.1	<1.93	ng/L	1.93	1.93
HFPO-DA (13252-13-6)	EPA Method 537.1	<0.965	ng/L	0.965	0.965
PFHpA (375-85-9)	EPA Method 537.1	<1.93	ng/L	1.93	1.93
PFHxS (355-46-4)	EPA Method 537.1	<0.965	ng/L	0.965	0.965
DONA (919005-14-4)	EPA Method 537.1	<0.965	ng/L	0.965	0.965
PFNA (375-95-1)	EPA Method 537.1	<0.965	ng/L	0.965	0.965
PFOS (1763-23-1)	EPA Method 537.1	1.07	ng/L	0.965	0.965
9CI-PF3ONS (756426-58-1)	EPA Method 537.1	<0.965	ng/L	0.965	0.965
PFDA (335-76-2)	EPA Method 537.1	<1.93	ng/L	1.93	1.93
N-MeFOSAA (2355-31-9)	EPA Method 537.1	<0.965	ng/L	0.965	0.965
N-EtFOSAA (2991-50-6)	EPA Method 537.1	<0.965	ng/L	0.965	0.965
PFUnA (2058-94-8)	EPA Method 537.1	<1.93	ng/L	1.93	1.93
PFOA (335-67-1)	EPA Method 537.1	<1.93	ng/L	1.93	1.93
11CI-PF3OUdS (763051-92-9)	EPA Method 537.1	<0.965	ng/L	0.965	0.965
PFDoA (307-55-1)	EPA Method 537.1	<1.93	ng/L	1.93	1.93
PFTTrDA (72629-94-8)	EPA Method 537.1	<1.93	ng/L	1.93	1.93



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Laboratory Report

Environmental Health Division

WSLH Sample: 630422001

PFAS in DW

Analyte	Analysis Method	Result	Units	LOD	LOQ
Prep Date: 07/14/22 10:30	Analysis Date: 07/14/22 18:20				
PFTeDA (376-06-7)	EPA Method 537.1	<0.965	ng/L	0.965	0.965



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Laboratory Report

Environmental Health Division

WSLH Sample: 630422001

WDNR LAB ID:113133790 NELAP LAB ID:2091 EPA LAB ID:WI00007, WI00008 WI DATCP ID:105-415

List of Abbreviations:

LOD = Level of detection
LOQ = Level of quantification (for PFAS the LOQ = MRL)
ND = None detected. Results are less than the LOD
F next to result = Result is between LOD and LOQ
Z next to result = Result is between 0 (zero) and LOD
if LOD=LOQ, Limits were not statistically derived

Test results for NELAP accredited tests are certified to meet the requirements of the NELAC standards. For a list of accredited analytes

see <http://www.slh.wisc.edu/about/compliance/nelac-laboratory-accreditation>

Results, LOD and LOQ values have been adjusted for analytical dilutions and percent moisture where applicable.

Results relate only to the items tested.

This Laboratory Report shall not be reproduced except in full, without written approval of the laboratory.

The water microbiology unit analyzes samples as received and not all samples are tested for preservation before analysis is performed.

Responsible Party

Inorganic Chemistry: Graham Anderson, Supervisor 608-224-6281

Metals: Graham Anderson, Supervisor 608-224-6281

Organics: Erin Mani, Supervisor 608-224-6269

Environmental Toxicology: Dawn Perkins, Supervisor 608-224-6230

Water Microbiology: Martin Collins, Supervisor 608-224-6239

Radiochemistry: David Webb, Division Director 608-224-6227



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Laboratory Report

Environmental Health Division

WSLH Sample: 630422002

Report To:
 NEIL MOTTO
 MARINETTE WATERWORKS
 501 WATER ST
 MARINETTE, WI 54143

Invoice To:
 DANA WEBER, BUS. MGR
 MARINETTE WATERWORKS
 501 WATER ST
 MARINETTE, WI 54143
 Customer ID: 43803958

System Name: MARINETTE WATERWORKS
 City: MARINETTE
 Collection Date/Time: 07/12/2022 14:15
 Collected By: NEIL MOTTO
 County: 38 - Marinette
 Source Code: E - Entry Point
 Collection Address: 501 WATER ST
 Location of Sample: ENTRY POINT 81

Monitor Point ID: EP-81
 PWS ID#: 43803958
 WI Unique Well#:
 Entry Point ID: 81
 Date Received: 7/13/2022
 Date Reported: 7/25/2022
 Sample Type: I-Investigation

Sample Comments

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PFAS in DW

Analyte	Analysis Method	Result	Units	LOD	LOQ
Prep Date: 07/15/22 10:15		Analysis Date: 07/19/22 13:58			
PFBS (375-73-5)	EPA Method 537.1	<0.982	ng/L	0.982	0.982
PFHxA (307-24-4)	EPA Method 537.1	<1.96	ng/L	1.96	1.96
HFPO-DA (13252-13-6)	EPA Method 537.1	<0.982	ng/L	0.982	0.982
PFHpA (375-85-9)	EPA Method 537.1	<1.96	ng/L	1.96	1.96
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PFTeDA (376-06-7)	EPA Method 537.1	<0.982	ng/L	0.982	0.982



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