PFAS Update 10-14-22

The results from our PFAS Compounds Distribution Sample are below. Results are from September 20, 2022. In the highlighted area you will find the results for PFOA & PFOS. The State of Wisconsin Department of Health Services (WDHS) currently has recommended PFOA/PFOS limits at 20ppt. The Village of Saukville's results are significantly lower than the recommended limits set by the WDHS.

PFOA = 1.82 NG/L= 1.82 ppt & PFOS = 2.6 NG/L= 2.6 ppt

ANALYTICAL RESULTS: Perfluorinated Chemicals by EPA Method 537.1 Safe Drinking Water Analysis Page 2 of 3

Customer: Wisconsin Department of Natural Resources **NLS Project: 392768**

Project Description: Saukville Waterworks

Project Title: PWS# 24601346 **Template: 537.1 Printed: 10/14/2022 08:39**

Sample: 1338052 · Collected: 09/20/22 · Analyzed: 09/29/22 · Analytes: 18

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	MCL	Note
Perfluorohexanoic acid (PFHxA)	8.77	ng/L	1	0.47	1.6		
Perfluoroheptanoic acid (PFHpA)	[1.33]	ng/L	1	0.44	1.5		J
Perfluorooctanoic acid (PFOA)	1.82	ng/L	1	0.35	1.2		
Perfluorononanoic acid (PFNA)	ND	ng/L	1	0.30	0.98		
Perfluorodecanoic acid (PFDA)	ND	ng/L	1	0.29	0.96		
Perfluoroundecanoic acid (PFUnA)	ND	ng/L	1	0.26	0.85		
Perfluorododecanoic acid (PFDoA)	ND	ng/L	1	0.20	0.67		
Perfluorotridecanoic acid (PFTriA)	ND	ng/L	1	0.38	1.3		
Perfluorotetradecanoic acid (PFTeA)	ND	ng/L	1	0.31	1.0		
Perfluorobutanesulfonic acid (PFBS)	11.8	ng/L	1	0.30	1.0		
Perfluorohexanesulfonic acid (PFHxS)	20.3	ng/L	1	0.34	1.1		
Perfluorooctanesulfonic acid (PFOS)	2.6	ng/L	1	0.31	1.0		
N-Methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	ND	ng/L	1	0.37	1.2		
N-Ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	ND	ng/L	1	0.54	1.8		
Hexafluoropropylene oxide dimer acid (GenX)	ND	ng/L	1	0.41	1.4		
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	ND	ng/L	1	0.20	0.66		
9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND	ng/L	1	0.33	1.1		
11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11CL-PF3OUdS)	ND	ng/L	1	0.28	0.92		
C13-PFHxA (SURR)	98.2%		1				S
C13-HFPODA (SURR)	94.8%		1				S
C13-PFDA (SURR)	91.3%		1				S
d5-NEtFOSAA (SURR)	88.4%		1				S

NOTES APPLICABLE TO THIS ANALYSIS:

J = Result enclosed in brackets is between LOD and LOQ, a region of less certain quantitation.

S = This compound is a surrogate used to evaluate the quality control of a method.