Village Itasca Report on Unregulated Contaminants

(Pursuant to USEPA UCMR 5)

December 2024

As part of ongoing efforts to ensure safe drinking water, public water systems are required by law to report annually on levels of certain known contaminants in its drinking water. The Itasca's latest Consumer Confidence Report confirms that Itasca's drinking water is safe and fully meets all federal and state safety standards. It can be accessed by clicking here.

The U.S. Environmental Protection Agency (EPA) also requires public utilities to test unregulated contaminants every five years. This testing, known as the fifth Unregulated Contaminant Monitoring Rule (UCMR5), helps the EPA collect data on the presence of certain substances in drinking water to make informed decisions about future regulations and public health protections.

The Village of Itasca receives its drinking water from the Jardine Water Purification Plant in Chicago through the DuPage Water Commission transmission lines. Recent testing conducted in accordance with the UCMR5 found no detectable unregulated contaminants in the water supplied to Itasca residents.

In addition to Lake Michigan water, the Village of Itasca maintains two emergency backup wells that are not currently in use. These wells are maintained so that the Village has an alternative water source if Lake Michigan water becomes unavailable. Recent UCMR5 testing identified two unregulated contaminants in the wells. A chart of the detected substances can be found below.

This testing is part of a national effort to ensure safe and clean drinking water and to better understand the presence of certain substances in water systems across the country.

For more information about the testing or the Village's water supply, please contact Public Works at (630) 773-2455.

2024 Results from USEPA Unregulated Contaminant Monitoring Rule (UCMR5)

Emergency Backup Well #8 (TP03)

Name	Reported level	Range	
		Low	High
Lithium (µg/l)	20	18	22
PFPeA (µg/l)	0.00355	0.0033	0.0038

Emergency Backup Well #9 (TP04)

Name	Reported level	Range	
		Low	High
Lithium (µg/l)	24	22	26

A maximum contaminant level (MCL) for this contaminant has not been established by either state or federal regulations, nor has mandatory health effects language been set. The purpose of unregulated contaminant monitoring is to assist USEPA in determining the occurrence of unregulated contaminants in drinking water and whether future regulation is warranted.

DWC 25A EPDS Lake Michigan drinking water	Results					
Contaminant	**Minimum Reporting Level**	**Q1 2024 1/8/2024**	**Q2 2024 4/8/2024**	**Q3 2024 7/10/2024**	**Q4 10/7/2024**	**Range of Results for 2023**
11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.005 µg/L	ND	ND	ND	ND	ND
9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.002 µg/L	ND	ND	ND	ND	ND
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	0.003 µg/L	ND	ND	ND	ND	ND
Hexafluoropropylene oxide dimer acid (HFPO DA)	0.005 µg/L	ND	ND	ND	ND	ND
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.02 µg/L	ND	ND	ND	ND	ND
Perfluorobutanoic acid (PFBA)	0.005 µg/L	ND	ND	ND	ND	ND
Perfluorobutanesulfonic acid (PFBS)	0.003 µg/L	ND	ND	ND	ND	ND
1H,1H, 2H, 2H-perfluorodecane sulfonic acid (8:2FTS)	0.005 µg/L	ND	ND	ND	ND	ND
Perfluorodecanoic acid (PFDA)	0.003 µg/L	ND	ND	ND	ND	ND
Perfluorododecanoic acid (PFDoA)	0.003 µg/L	ND	ND	ND	ND	ND
perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.003 µg/L	ND	ND	ND	ND	ND
Perfluoroheptanesulfonic acid (PFHpS)	0.003 µg/L	ND	ND	ND	ND	ND
Perfluoroheptanoic acid (PFHpA)	0.003 µg/L	ND	ND	ND	ND	ND
1H,1H, 2H, 2H-perfluorohexane sulfonic acid (4:2FTS)	0.003 µg/L	ND	ND	ND	ND	ND
Perfluorohexanesulfonic acid (PFHxS)	0.003 µg/L	ND	ND	ND	ND	ND
Perfluorohexanoic acid (PFHxA)	0.003 µg/L	ND	ND	ND	ND	ND
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.004 µg/L	ND	ND	ND	ND	ND
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.003 µg/L	ND	ND	ND	ND	ND
Perfluorononanoic acid (PFNA)	0.004 µg/L	ND	ND	ND	ND	ND
1H,1H, 2H, 2H-perfluorooctane sulfonic acid (6:2FTS)	0.005 µg/L	ND	ND	ND	ND	ND
Perfluorooctanesulfonic acid (PFOS)	0.004 µg/L	ND	ND	ND	ND	ND
Perfluorooctanoic acid (PFOA)	0.004 µg/L	ND	ND	ND	ND	ND
Perfluoropentanoic acid (PFPeA)	0.003 µg/L	ND	ND	ND	ND	ND
Perfluoropentanesulfonic acid (PFPeS)	0.004 µg/L	ND	ND	ND	ND	ND
Perfluoroundecanoic acid (PFUnA)	0.002 µg/L	ND	ND	ND	ND	ND
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.005 µg/L	ND	ND	ND	ND	ND
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.006 µg/L	ND	ND	ND	ND	ND
Perfluorotetradecanoic acid (PFTA)	0.008 µg/L	ND	ND	ND	ND	ND
Perfluorotridecanoic acid (PFTrDA)	0.007 µg/L	ND	ND	ND	ND	ND

Lithium	9 µg/L	ND	ND	ND	ND	ND

ND: Not Detected

EPDS: Entry point to the distribution system

µg/L: Micrograms per liter

TPO4 Emergency Backup Well #9	Results			
Contaminant	**Minimum Reporting Level**	**Q1 2024 1/8/2024**	**Q3 2024 7/10/2024 7/11/2024**	**Reported Level**
11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.005 µg/L	ND	ND	ND
9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.002 µg/L	ND	ND	ND
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	0.003 µg/L	ND	ND	ND
Hexafluoropropylene oxide dimer acid (HFPO DA)	0.005 µg/L	ND	ND	ND
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.02 µg/L	ND	ND	ND
Perfluorobutanoic acid (PFBA)	0.005 µg/L	ND	ND	ND
Perfluorobutanesulfonic acid (PFBS)	0.003 µg/L	ND	ND	ND
1H,1H, 2H, 2H-perfluorodecane sulfonic acid (8:2FTS)	0.005 µg/L	ND	ND	ND
Perfluorodecanoic acid (PFDA)	0.003 µg/L	ND	ND	ND
Perfluorododecanoic acid (PFDoA)	0.003 µg/L	ND	ND	ND
perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.003 µg/L	ND	ND	ND
Perfluoroheptanesulfonic acid (PFHpS)	0.003 µg/L	ND	ND	ND
Perfluoroheptanoic acid (PFHpA)	0.003 µg/L	ND	ND	ND
1H,1H, 2H, 2H-perfluorohexane sulfonic acid (4:2FTS)	0.003 µg/L	ND	ND	ND
Perfluorohexanesulfonic acid (PFHxS)	0.003 µg/L	ND	ND	ND
Perfluorohexanoic acid (PFHxA)	0.003 µg/L	ND	ND	ND
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.004 µg/L	ND	ND	ND
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.003 µg/L	ND	ND	ND
Perfluorononanoic acid (PFNA)	0.004 µg/L	ND	ND	ND
1H,1H, 2H, 2H-perfluorooctane sulfonic acid (6:2FTS)	0.005 µg/L	ND	ND	ND
Perfluorooctanesulfonic acid (PFOS)	0.004 µg/L	ND	ND	ND
Perfluorooctanoic acid (PFOA)	0.004 µg/L	ND	ND	ND
Perfluoropentanoic acid (PFPeA)	0.003 µg/L	ND	ND	ND
Perfluoropentanesulfonic acid (PFPeS)	0.004 µg/L	ND	ND	ND

Perfluoroundecanoic acid (PFUnA)	0.002 µg/L	ND	ND	ND
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.005 µg/L	ND	ND	ND
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.006 µg/L	ND	ND	ND
Perfluorotetradecanoic acid (PFTA)	0.008 µg/L	ND	ND	ND
Perfluorotridecanoic acid (PFTrDA)	0.007 µg/L	ND	ND	ND
Lithium	9 µg/L	22	26	24

ND: Not Detected

µg/L: Micrograms per liter

TPO3 Emergency Backup Well #8	Results			
Contaminant	**Minimum Reporting Level**	**Q1 2024 1/8/2024**	**Q3 2024 7/10/2024**	**Reported Level**
11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.005 µg/L	ND	ND	ND
9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.002 µg/L	ND	ND	ND
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	0.003 µg/L	ND	ND	ND
Hexafluoropropylene oxide dimer acid (HFPO DA)	0.005 µg/L	ND	ND	ND
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.02 µg/L	ND	ND	ND
Perfluorobutanoic acid (PFBA)	0.005 µg/L	ND	ND	ND
Perfluorobutanesulfonic acid (PFBS)	0.003 µg/L	ND	ND	ND
1H,1H, 2H, 2H-perfluorodecane sulfonic acid (8:2FTS)	0.005 µg/L	ND	ND	ND
Perfluorodecanoic acid (PFDA)	0.003 µg/L	ND	ND	ND
Perfluorododecanoic acid (PFDoA)	0.003 µg/L	ND	ND	ND
perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.003 µg/L	ND	ND	ND
Perfluoroheptanesulfonic acid (PFHpS)	0.003 µg/L	ND	ND	ND
Perfluoroheptanoic acid (PFHpA)	0.003 µg/L	ND	ND	ND
1H,1H, 2H, 2H-perfluorohexane sulfonic acid (4:2FTS)	0.003 µg/L	ND	ND	ND
Perfluorohexanesulfonic acid (PFHxS)	0.003 µg/L	ND	ND	ND
Perfluorohexanoic acid (PFHxA)	0.003 µg/L	ND	ND	ND
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.004 µg/L	ND	ND	ND
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.003 µg/L	ND	ND	ND
Perfluorononanoic acid (PFNA)	0.004 µg/L	ND	ND	ND
1H,1H, 2H, 2H-perfluorooctane sulfonic acid (6:2FTS)	0.005 µg/L	ND	ND	ND

Perfluorooctanesulfonic acid (PFOS)	0.004 µg/L	ND	ND	ND
Perfluorooctanoic acid (PFOA)	0.004 µg/L	ND	ND	ND
Perfluoropentanoic acid (PFPeA)	0.003 µg/L	0.0033	0.0038	0.00355
Perfluoropentanesulfonic acid (PFPeS)	0.004 µg/L	ND	ND	ND
Perfluoroundecanoic acid (PFUnA)	0.002 µg/L	ND	ND	ND
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.005 µg/L	ND	ND	ND
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.006 µg/L	ND	ND	ND
Perfluorotetradecanoic acid (PFTA)	0.008 µg/L	ND	ND	ND
Perfluorotridecanoic acid (PFTrDA)	0.007 µg/L	ND	ND	ND
Lithium	9 µg/L	18	22	20

ND: Not Detected

µg/L: Micrograms per liter