

# LOCKPORT

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Steven Streit

**City Clerk**  
Kathleen Gentile

**Administrator**  
Ben Benson



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Rence Saban - 1st Ward  
Christina Bergbower - 2nd Ward  
JR Gillogly - 2nd Ward  
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Darren Deskin - 3rd Ward  
Joanne Bartelsen - 4th Ward  
Catherine Perretta - 4th Ward

*City of Historic Pride*

17112 S. Prime Blvd. ♦ Lockport, IL 60441-3497

The City of Lockport is working closely with the Illinois Environmental Protection Agency (IEPA) as they conduct their statewide initiative to test drinking water from all schools using well water and community water supplies. The test is looking for a group of manmade chemicals called Per-and Polyfluoroalkyl Substances (PFAS). IEPA is taking this precautionary step of testing these drinking water sources to determine if public health actions are needed.

It is not uncommon to find low levels of PFAS in drinking water supplies, as PFAS can be found in fire-fighting foams, stain repellants, nonstick cookware, waterproof clothing, food wrappers, and many other household products. They do not break down in the environment and move easily into water.

IEPA has identified PFAS compounds from Lockport IL1970500, however, the detected levels are well below the state of Illinois Health Guidance values.

Illinois EPA has developed health-based Guidance levels for the small number of PFAS compounds for which there is appropriate information to do so. There is not enough information available to develop health-based guidance levels for most PFAS compounds. Guidance levels are intended to be protective to all people consuming the water over a lifetime of exposure. It is important to understand that Guidance Levels are not regulator limits for drinking water. Rather, the Guidance Levels are benchmarks against which sampling results are compared to determine if additional investigation or other response action is necessary. Illinois EPA testing has determined that three PFAS compounds were detected in our system at values well below the health based Guidance Levels as show in the table below.

PFAS Analyte	IEPA Guidance Level	Lockport Sample Results
Perfluorobutanesulfonic Acid (PFBS)	140000 ng/L	2.4 ng/L
Perfluorohexanesulfonic Acid (PFHxS)	140 ng/L	5.4 ng/L
Perfluorohexanoic Acid (PFHxA)	560000 ng/L	2.2 ng/L

The City of Lockport is committed to keep our community updated with PFAS test results as soon as they are available.

To learn more about PFAS, you may visit these websites:

- State of Illinois PFAS website serving as the main resource for public information on PFAS contamination in Illinois [www.epa.pfas@illinois.gov](http://www.epa.pfas@illinois.gov)
- Agency for Toxic Substances and Disease Registry (ASTDR) website including health information, exposure, and links to additional resources [www.atsdr.cdc.gov/pfas](http://www.atsdr.cdc.gov/pfas)
- United States Environmental Protection Agency (U.S. EPA) website including basic information, U.S. EPA actions, and links to informational resources [www.epa.gov/pfas](http://www.epa.gov/pfas)

**Appendix A**

<b>TP12 – Sampled 11/04/2020</b>		
<b>PFAS Analyte (Acronym)</b>	<b>Draft Guidance Level</b>	<b>Sample Results</b>
Perfluorobutanesulfonic acid (PFBS)	140,000 ng/L (0.14 mg/L)	ND
Perfluoroheptanoic acid (PFHpA)	----- <sup>a</sup>	ND
Perfluorohexanesulfonic acid (PFHxS)	140 ng/L (0.00014 mg/L)	4.2 ng/L
Perfluorononanoic acid (PFNA)	21 ng/L (0.000021 mg/L)	ND
Perfluorooctanesulfonic acid (PFOS)	14 ng/L (0.000014 mg/L)	ND
Perfluorooctanoic acid (PFOA)	2 ng/L (0.000002 mg/L)	ND
Perfluorodecanoic acid (PFDA)	----- <sup>a</sup>	ND
Perfluorododecanoic acid (PFDoA)	----- <sup>a</sup>	ND
Perfluorohexanoic acid (PFHxA)	560,000 ng/L (0.56 mg/L)	ND
Perfluorotetradecanoic acid (PFTA)	----- <sup>a</sup>	ND
Perfluorotridecanoic acid (PFTrDA)	----- <sup>a</sup>	ND
Perfluoroundecanoic acid (PFUnA)	----- <sup>a</sup>	ND
11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	----- <sup>a</sup>	ND
9-chlorohexadecafluoro-3-oxanone-1-sulfonic acid (9Cl-PF3ONS)	----- <sup>a</sup>	ND
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	----- <sup>a</sup>	ND
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	----- <sup>a</sup>	ND
Hexafluoropropylene oxide dimer acid (HFPO-DA)	560 ng/L (0.00056 mg/L)	ND
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	----- <sup>a</sup>	ND

<sup>a</sup> No toxicity criteria available

Minimum Reporting Level (MRL) = 2.0 ng/L

ND = Not Detected

Nanograms per Liter (ng/L) = Part per Trillion (ppt)

<b>TP12 – Sampled 12/07/2020</b>		
<b>PFAS Analyte (Acronym)</b>	<b>Draft Guidance Level</b>	<b>Sample Results</b>
Perfluorobutanesulfonic acid (PFBS)	140,000 ng/L (0.14 mg/L)	2.4 ng/L
Perfluoroheptanoic acid (PFHpA)	----- <sup>a</sup>	ND
Perfluorohexanesulfonic acid (PFHxS)	140 ng/L (0.00014 mg/L)	5.4 ng/L
Perfluorononanoic acid (PFNA)	21 ng/L (0.000021 mg/L)	ND
Perfluorooctanesulfonic acid (PFOS)	14 ng/L (0.000014 mg/L)	ND
Perfluorooctanoic acid (PFOA)	2 ng/L (0.000002 mg/L)	ND
Perfluorodecanoic acid (PFDA)	----- <sup>a</sup>	ND
Perfluorododecanoic acid (PFDoA)	----- <sup>a</sup>	ND
Perfluorohexanoic acid (PFHxA)	560,000 ng/L (0.56 mg/L)	2.2 ng/L
Perfluorotetradecanoic acid (PFTA)	----- <sup>a</sup>	ND
Perfluorotridecanoic acid (PFTrDA)	----- <sup>a</sup>	ND
Perfluoroundecanoic acid (PFUnA)	----- <sup>a</sup>	ND

11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	----- <sup>a</sup>	ND
9-chlorohexadecafluoro-3-oxanone-1-sulfonic acid (9Cl-PF3ONS)	----- <sup>a</sup>	ND
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	----- <sup>a</sup>	ND
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	----- <sup>a</sup>	ND
Hexafluoropropylene oxide dimer acid (HFPO-DA)	560 ng/L (0.00056 mg/L)	ND
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	----- <sup>a</sup>	ND

<sup>a</sup> No toxicity criteria available

Minimum Reporting Level (MRL) = 2.0 ng/L

ND = Not Detected

Nanograms per Liter (ng/L) = Part per Trillion (ppt)