



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217) 782-3397

JB PRITZKER, GOVERNOR

JOHN J. KIM, DIRECTOR

September 11, 2020

THE HONORABLE STEPHEN HAGERTY
MAYOR, CITY OF EVANSTON
2100 RIDGE AVENUE #2500
EVANSTON, IL 60201

Re: IL0310810, EVANSTON – **Notice of Statewide PFAS Investigation Network**

Dear Municipal/Water Supply Official(s):

In response to increasing scientific data throughout the United States regarding the potential public health effects of Per- and Polyfluoroalkyl substances (PFAS), the Illinois Environmental Protection Agency (Illinois EPA) will be conducting a statewide investigation into the prevalence and occurrence of PFAS in finished water at community water supplies (CWSs) across Illinois. The Illinois EPA expects data gathered as part of this statewide investigation will aid in the development of future Maximum Contaminant Level (MCL) regulatory standards. Before conducting sampling at your CWS, Illinois EPA staff will contact your Responsible Operator in Charge to schedule a time to collect the samples for PFAS analysis. Illinois EPA expects this statewide investigation will take 12 to 15 months to complete. There is no cost to you for this sampling.

The Illinois EPA will provide you with the analytical results and will also make them publicly available. If PFAS are present in concentrations at or above minimum reporting levels (MRL), the Illinois EPA will return to conduct confirmation sampling. The Illinois EPA's sample analysis will include a total of 18 PFAS, and analytical results for a subset of analytes will be compared to available screening levels developed by the Illinois EPA (see Table 1 below).

Should the results of confirmation sampling exceed Illinois EPA screening levels, your CWS may need to inform customers and undertake additional investigation or response actions in order to protect human health and the environment. The Illinois EPA will also inform affected CWSs of the presence of any other PFAS analytes that are greater than or equal to MRL but do not have current screening levels.

The sample results will be sent to you via e-mail or hard copy once the Illinois EPA receives the reports from the laboratory. These results will subsequently be available on the Illinois EPA's Drinking Water Watch system at: <http://water.epa.state.il.us/dww/index.jsp>

Additional information regarding PFAS compounds, the statewide PFAS investigation, and the impact to public health can be found on the Illinois EPA's PFAS webpage.
<https://www2.illinois.gov/epa/topics/water-quality/pfas/Pages/default.aspx>.

2125 S. First Street, Champaign, IL 61820 (217) 278-5800
2009 Mall Street Collinsville, IL 62234 (618) 346-5120
9511 Harrison Street, Des Plaines, IL 60016 (847) 294-4000
595 S. State Street, Elgin, IL 60123 (847) 608-3131

2309 W. Main Street, Suite 116, Marion, IL 62959 (618) 993-7200
412 SW Washington Street, Suite D, Peoria, IL 61602 (309) 671-3022
4302 N. Main Street, Rockford, IL 61103 (815) 987-7760

If you have any questions, please contact the Groundwater Section, Division of Public Water Supplies at (217) 782-1020 or by email at: epa.pfas@illinois.gov.

Sincerely,



Michael L. Brown, Manager
Division of Public Water Supplies

Table 1: PFAS analytes, minimum laboratory reporting limits, and screening levels.			
PFAS Analyte	Acronym	Minimum Reporting Level	Screening Level
Perfluorobutanesulfonic acid	PFBS	2 ng/L (2 ppt)	0.14 mg/L (140,000 ppt)
Perfluoroheptanoic acid	PFHpA	2 ng/L (2 ppt)	-----
Perfluorohexanesulfonic acid	PFHxS	2 ng/L (2 ppt)	0.00014 mg/L (140 ppt)
Perfluorononanoic acid	PFNA	2 ng/L (2 ppt)	0.000021 mg/L (21 ppt)
Perfluorooctanesulfonic acid	PFOS	2 ng/L (2 ppt)	0.000014 mg/L (14 ppt)
Perfluorooctanoic acid	PFOA	2 ng/L (2 ppt)	0.000021 mg/L (21 ppt)
Perfluorodecanoic acid	PFDA	2 ng/L (2 ppt)	-----
Perfluorododecanoic acid	PFDoA	2 ng/L (2 ppt)	-----
Perfluorohexanoic acid	PFHxA	2 ng/L (2 ppt)	-----
Perfluorotetradecanoic acid	PFTA	2 ng/L (2 ppt)	-----
Perfluorotridecanoic acid	PFTrDA	2 ng/L (2 ppt)	-----
Perfluoroundecanoic acid	PFUnA	2 ng/L (2 ppt)	-----
11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	11Cl-PF3OUdS	2 ng/L (2 ppt)	-----
9-chlorohexadecafluoro-3-oxanone-1-sulfonic acid	9Cl-PF3ONS	2 ng/L (2 ppt)	-----
4,8-dioxa-3H-perfluorononanoic acid	ADONA	2 ng/L (2 ppt)	-----
N-methyl perfluorooctanesulfonamidoacetic acid	NMeFOSAA	2 ng/L (2 ppt)	-----
Hexafluoropropylene oxide dimer acid	HFPO-DA	2 ng/L (2 ppt)	----- ^a
N-ethyl perfluorooctanesulfonamidoacetic acid	NEtFOSAA	2 ng/L (2 ppt)	-----

^a No toxicity criteria available

cc: Illinois EPA Regional Office
Responsible Operator in Charge

KEVIN M. ZEOLI
555 LINCOLN STREET
EVANSTON, IL 60201