



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

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JB PRITZKER, GOVERNOR

JOHN J. KIM, DIRECTOR

217-782-1020

December 1, 2021

CITY OF EVANSTON
LORRAINE H MORTON CIVIC CENTER
2100 RIDGE AVE
EVANSTON, IL 60201

Re: IL0310810, EVANSTON

Notice of PFAS Sample Results

Dear MAYOR DANIEL BISS:

Thank you for your cooperation with the Illinois Environmental Protection Agency (Illinois EPA) as it conducts a statewide investigation into the prevalence and occurrence of Per- and Polyfluoroalkyl Substance(s) (PFAS) in finished water at community water supplies (CWSs). The purpose of this letter is to notify you of the results of analyses for PFAS compounds in water samples the Illinois EPA collected from your CWS. Copies of the laboratory reports are enclosed for your review.

Neither the Illinois EPA nor the U.S. EPA have yet developed enforceable numerical standards for PFAS in drinking water. In the interim, Illinois EPA has developed health-based groundwater guidance levels for the small number of PFAS for which there is appropriate information to do so pursuant to 35 Ill. Adm. Code 620.605 of the Illinois Pollution Control Board's Groundwater Quality regulations.

Illinois EPA compared the detected levels of PFAS in the analytical results from your CWS to the guidance levels and **three of the results exceeded those levels**. The table below summarizes the guidance level(s) and the corresponding results of the finished water samples from your CWS.

PFAS Analyte	Acronym	Guidance Level (ppt)	Your Results (ppt)		
			TP01 Collected 9/2/2021	TP01 Collected 11/16/2021	TP01DUP Collected 11/16/2021
Perfluorobutanesulfonic acid	PFBS	2,100	ND	ND	ND
Perfluorohexanesulfonic acid	PFHxS	140	ND	ND	ND
Perfluorononanoic acid	PFNA	21	ND	ND	ND
Perfluorooctanesulfonic acid	PFOS	14	2.4	2.3	2.2
Perfluorooctanoic acid	PFOA	2	2.2	2.3	2.2
Perfluorohexanoic acid	PFHxA	560,000	ND	ND	ND
Hexafluoropropylene oxide dimer acid	HFPO-DA	560	ND	ND	ND

Minimum Reporting Level (MRL) = 2.0 ng/L

ND = Not Detected

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

Bold text represents values exceeding guidance levels

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

Based on the confirmed presence of PFAS compounds in your CWS, the Illinois EPA recommends your CWS take the following actions:

1. Inform consumers of sample results through direct mailing, distribution of notices directly to customers, posting on your website or other means. The confirmed sampling results are also available on Illinois EPA's Drinking Water Watch system at <http://water.epa.state.il.us/dww/index.jsp>. The Illinois EPA has developed communication templates to help notify your consumers about the presence of PFAS in the drinking water and the response measures. These communication templates are available to you upon request and can be modified to fit your needs. Please forward a copy of the consumer notification(s) you send to your customers to my attention.
2. Initiate quarterly monitoring of all raw water sources and finished water for PFAS analytes utilizing the Illinois EPA's PFAS Sample Collection Standard Operating Procedure, available at <https://www2.illinois.gov/epa/topics/water-quality/pfas/Pages/pfas-statewide-investigation-network.aspx>. Submit the samples to a laboratory that is accredited by National Environmental Laboratory Accreditation Conference (NELAC) to analyze for PFAS using U.S. EPA Method 537.1. Any samples with initial detections of PFAS should have detections confirmed by follow up sampling of the raw water source. Also ensure that all analytical data is loaded to the Safe Drinking Water Information System (SDWIS).
3. Begin evaluating options and developing a plan and timeline to reduce public exposure to PFAS in potable water provided by your CWS. The Illinois EPA will follow up with you by phone to offer our assistance including meeting with you and your elected officials to answer questions, discuss options, and share what other CWSs in similar circumstances have implemented. The Illinois EPA also offers the assistance to CWSs pursuing PFAS source removal or treatment technologies, including helping with permit application questions or funding availability.

These results have been shared with the Illinois Department of Public Health (IDPH), Division of Environmental Health. IDPH may reach out to you separately to discuss the specific health concerns pertaining to your community. For information on PFOA, PFOS and other PFAS analytes including possible health effects, please visit the following web sites:

- <https://www2.illinois.gov/epa/topics/water-quality/pfas/Pages/default.aspx>
- <https://www.atsdr.cdc.gov/pfas/index.html>
- <https://www.epa.gov/pfas>
- <https://pfas-1.itrcweb.org/>

The Illinois EPA stands ready to work with your CWS to evaluate solutions to the challenges presented by PFAS in drinking water supplies. If you have any questions, please contact Michael Summers, Manager of the Groundwater Section, Division of Public Water Supplies at (217) 782-1020 or send an email to epa.pfas@illinois.gov.

Sincerely,



Michael Brown
Division Manager
Division of Public Water Supplies

cc: ROINC
Regional Office