

Paul Lasek

From: NJ Department of Environmental Protection <NJDEP@public.govdelivery.com>
Sent: Tuesday, April 16, 2024 11:40 AM
To: Paul Lasek
Subject: EPA Finalizes Drinking Water Standards for Six PFAS

Dear Water System Representative,

On April 10, 2024, the U.S. Environmental Protection Agency (EPA) announced its final National Primary Drinking Water Regulation (NPDWR) standards for six per- and polyfluoroalkyl substances (PFAS). EPA finalized enforceable maximum contaminant levels (MCLs) for PFOA and PFOS set at 4.0 ng/L, as well as for PFNA, PFHxS, and HFPO-DA (commonly referred to as GenX Chemicals) set at 10 ng/L. In addition to the MCLs, EPA finalized regulating PFAS mixtures containing two or more of PFNA, PFHxS, HFPO-DA, and PFBS using a Hazard Index MCL set to 1 (unitless).

EPA's final standards compared to the current standards set by the New Jersey Department of Environmental Protection (NJDEP) are shown in the below table:

Contaminant	2024 EPA Final Standards	2018 and 2020 NJDEP MCLs
PFOA	4.0 ng/L (MCL)	14 ng/L
PFOS	4.0 ng/L (MCL)	13 ng/L
PFNA	10 ng/L (MCL)	13 ng/L
PFHxS	10 ng/L (MCL)	N/A
HFPO-DA (Gen X)	10 ng/L (MCL)	N/A
Mixtures containing two or more of PFNA, PFHxS, HFPO-DA, and PFBS	1 (unitless Hazard Index)*	N/A

*Health-Based Water Concentrations (HBWCs) are to be utilized to calculate the combined Hazard Index for these four PFAS if two or more are present in a mixture. The Hazard Index utilizes a formula comparing the concentration of each contaminant to these HBWCs. Action would be required when the Hazard Index, which is unitless, exceeds 1. These concentrations are 10 ng/L for PFNA, PFHxS, and HFPO-DA, respectively, and 2,000 ng/L for PFBS.

States are required under the Federal Safe Drinking Water Act to adopt standards no less stringent than those established in the NPDWR. In the interim, New Jersey water systems must continue to comply with New Jersey's Safe Drinking Water Act regulations and the MCLs set forth at N.J.A.C. 7:10. Further, New Jersey water systems are strongly encouraged to begin taking proactive measures to comply with EPA's standards, such as increased monitoring for all PFAS that are part of EPA's final rule, designing and installing treatment, engaging customers, and reporting all PFAS analytical results to NJDEP; these recommendations were outlined by NJDEP in previous notifications to water systems. Be advised that NJDEP will continue to ensure compliance with State MCLs while implementing EPA's final rule.

Additional information regarding EPA's final PFAS NPDWR can be found at <https://www.epa.gov/sdwa/and-polyfluoroalkyl-substances-pfas>. Note that EPA is hosting three informational webinars for communities, water systems, and other drinking water professionals each Tuesday through the end of April. The links to register can be found [here](#). **Scheduled outreach to water systems and stakeholders will follow in the coming months by the Division of Water Supply and Geoscience (including State-hosted webinar sessions).**

If you have any questions, contact the Division of Water Supply and Geoscience at 609-292-5550 or watersupply@dep.nj.gov (include "EPA PFAS Rule" in the email subject).

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ANALYTICAL RESULTS

Sample: HC02712-01
Name: 91001-NEWARK CONSECUTIVE CONNECTION
Reg ID: NJ0702001

Sampled: 03/13/24 14:21
Received: 03/15/24 09:30
Matrix: Drinking Water - FS

Table with 10 columns: Parameter, Result, Unit, Qualifier, Prepared, Dilution, MRL, Analyzed, Analyst, Method. Contains data for Semivolatile Organics - PFAS - PIA, listing various compounds like PFTrDA, NETFOSAA, NMEFOSAA, etc., with their respective results and analysis dates.



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Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Surrogate: 13C5-PFPeA-SURR	108 %	50-200		03/22/24 08:40			03/25/24 18:02	PSB	EPA 533*
Surrogate: 13C3-PFBS-SURR	94 %	50-200		03/22/24 08:40			03/25/24 18:02	PSB	EPA 533*
Surrogate: 13C2-4:2FTS-SURR	99 %	50-200		03/22/24 08:40			03/25/24 18:02	PSB	EPA 533*
Surrogate: 13C5-PFHxA-SURR	90 %	50-200		03/22/24 08:40			03/25/24 18:02	PSB	EPA 533*
Surrogate: 13C3-HFPOA-DA-SURR	93 %	50-200		03/22/24 08:40			03/25/24 18:02	PSB	EPA 533*
Surrogate: 13C4-PFHpA-SURR	84 %	50-200		03/22/24 08:40			03/25/24 18:02	PSB	EPA 533*
Surrogate: 13C3-PFHxS-SURR	101 %	50-200		03/22/24 08:40			03/25/24 18:02	PSB	EPA 533*
Surrogate: 13C2-6:2FTS-SURR	95 %	50-200		03/22/24 08:40			03/25/24 18:02	PSB	EPA 533*
Surrogate: 13C8-PFOA-SURR	89 %	50-200		03/22/24 08:40			03/25/24 18:02	PSB	EPA 533*
Surrogate: 13C9-PFNA-SURR	78 %	50-200		03/22/24 08:40			03/25/24 18:02	PSB	EPA 533*
Surrogate: 13C8-PFOS-SURR	85 %	50-200		03/22/24 08:40			03/25/24 18:02	PSB	EPA 533*
Surrogate: 13C2-8:2FTS-SURR	77 %	50-200		03/22/24 08:40			03/25/24 18:02	PSB	EPA 533*
Surrogate: 13C6-PFDA-SURR	76 %	50-200		03/22/24 08:40			03/25/24 18:02	PSB	EPA 533*
Surrogate: 13C7-PFUnA-SURR	63 %	50-200		03/22/24 08:40			03/25/24 18:02	PSB	EPA 533*
Surrogate: 13C2-PFDoA-SURR	57 %	50-200		03/22/24 08:40			03/25/24 18:02	PSB	EPA 533*
Total Metals - PIA									
Surrogate: Yttrium	97 %	60-125		03/28/24 07:17			04/03/24 13:11	LAM	EPA 200.7 REV4.4*
Lithium	< 9.00	ug/L		03/28/24 07:17	2.5	9.00	04/03/24 13:11	LAM	EPA 200.7 REV4.4*



Pace Analytical Services, LLC

2231 W. Altorfer Drive

Peoria, IL 61615

(800)752-6651

NOTES

Specifications regarding method revisions, method modifications, and calculations used for analysis are available upon request. Please contact your project manager.

* Not a TNI accredited analyte

Certifications

CHI - McHenry, IL - 4314-A W. Crystal Lake Road, McHenry, IL 60050

TNI Accreditation for Drinking Water and Wastewater Fields of Testing through IL EPA Accreditation No. 100279

Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory Registry No. 17556

PIA - Peoria, IL - 2231 W. Altorfer Drive, Peoria, IL 61615

TNI Accreditation for Drinking Water, Wastewater, Solid and Hazardous Material Fields of Testing through IL EPA Accreditation No. 100230

Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory Registry No. 17553

Drinking Water Certifications/Accreditations: Iowa (240); Kansas (E-10338); Missouri (870)

Wastewater Certifications/Accreditations: Arkansas (88-0677); Iowa (240); Kansas (E-10338)

Solid and Hazardous Material Certifications/Accreditations: Arkansas (88-0677); Iowa (240); Kansas (E-10338)

SPMO - Springfield, MO - 1805 W Sunset Street, Springfield, MO 65807

USEPA DMR-QA Program

STL - Hazelwood, MO - 944 Anglum Rd, Hazelwood, MO 63042

TNI Accreditation for Wastewater, Solid and Hazardous Material Fields of Testing through KS KDHE Certification No. E-10389

TNI Accreditation for Wastewater, Solid and Hazardous Material Fields of Testing through IL EPA Accreditation No. - 200080

Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory, Registry No. 171050

Missouri Department of Natural Resources - Certificate of Approval for Microbiological Laboratory Service - No. 1050



Certified by: Janet Clutters, Project Manager