

STATE OF CONNECTICUT

DEPARTMENT OF PUBLIC HEALTH



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Environmental Health and Drinking Water Branch

EHDW Circular Letter #2023-23

To: All Public Water Systems, Chief Elected Officials, and Certified Operators

From: Lori J. Mathieu, Public Health Branch Chief *Lori J. Mathieu*

Date: June 28, 2023

Subject: Updated drinking water information regarding Per- and Polyfluoroalkyl Substances (PFAS)

On May 31, 2023, the CT Department of Public Health (DPH) issued drinking water Action Levels for six Per- and Polyfluoroalkyl Substances (PFAS):

CASRN Number	Analyte	CT Drinking Water Action Level (nanograms per liter, ng/l)
375-73-5	Perfluorobutane sulfonic acid (PFBS)	760
375-22-4	Perfluorobutanoic acid (PFBA)	1,800
307-24-4	Perfluorohexanoic acid (PFHxA)	240
13252-13-6	hexafluoropropylene oxide dimer acid (HPFO DA; GenX)	19
756426-58-1	6:2 chloropolyfluoroether sulfonic acid (6:2 Cl-PFESA, 9Cl-PF3ONS*, F-53B major)	2
763051-92-9	8:2 chloropolyfluoroether sulfonic acid (8:2 Cl-PFESA, 11Cl-PF3OUds**, F-53B minor)	5

* EPA Methods 533 & 537.1 use 9Cl-PF3ONS (9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid) for this PFAS.

** EPA Methods 533 & 537.1 use 11Cl-PF3OUds (11-chloroeicosafuoro-3-oxaundecane-1-sulfonic acid) for this PFAS.

These Action Levels are based on a review of the current and rapidly evolving science. They are driven by the most sensitive, human-relevant effects observed in laboratory animals and technical feasibility. DPH's Action Levels are also within the range and same magnitude as other federal and state agencies with enforceable standards (MCLs) and guidelines.



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These six PFAS were evaluated in response to a request from the CT Department of Energy and Environmental Protection (DEEP).

DPH is renewing the recommendation to all community and non-transient non-community public water systems to test the water delivered to their customers for PFAS. DPH requests that Public Water Systems' contract laboratories report results for each of the analytes using the Compliance Monitoring Data Portal with the analyte codes found in the following table:

Analyte	Acronym	Reporting Code
Perfluorobutane sulfonic acid	PFBS	2801
Perfluorobutanoic acid	PFBA	2819
Perfluorohexanoic acid	PFHxA	2809
Hexafluoropropylene oxide dimer acid	HPFO DA; GenX	2816
9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	9Cl-PF3ONS; 6:2 Cl-PFESA; F-53B major	2814
11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	11Cl-PF3OUdS; 8:2 Cl-PFESA; F-53B minor	2813

Detectable results should also be reported directly via email to DPH.EmergingContaminants@ct.gov or via telephone call to 860-509-7356. DPH expects Public Water Systems with detectable levels of PFAS in the water distributed to their customers to take steps to assess the level, scope, and localized source of contamination, inform their customers, and take steps to limit exposure. DPH is available to provide guidance to Public Water Systems that find PFAS in their drinking water supplies.

This effort to issue new PFAS drinking water Action Levels aligns with the recommendation in the CT Interagency PFAS Task Force [PFAS Action Plan](#) that DPH will continue to monitor new research and modify PFAS health-based guidelines as warranted.

You can find out more about PFAS and Connecticut's Action Levels for six individual PFAS on the [DPH website](#). If you have any questions regarding this Circular Letter, please contact Pat Bisacky at 860-509-7356 or email the Emerging Contaminants Unit at DPH.EmergingContaminants@ct.gov.

C: Lisa Morrissey, MPH, Deputy Commissioner
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