DEPARTMENT OF HEALTH

memo

DATE: March 15, 2022

TO: Upsala

FROM: Steve Robertson
Supervisor, Source Water Protection Unit

SUBJECT: Statewide Perfluoroalkyl Substances (PFAS) Monitoring Project

Below please find your system's sampling results for the Statewide PFAS Monitoring Project. Sampling was conducted on 9/29/21.

Sampling results

PFAS contaminant detected	Maximum concentration (µg/L) [1]	MDH health value (µg/L)
PFBA	0.0044	7
PFOS	0.0013	0.015
PFPeA	0.00095	-
PFHxA	0.0016	0.2
PFOA	0.0028	0.035

All sampling results were below the available health-based guidance values for PFAS. A person drinking water at or below the guidance value would have little or no risk for health effects.

Some PFAS were detected that do not have health-based guidance values in drinking water. This is an area of active research, and scientists at Minnesota Department of Health and U.S. Environmental Protection Agency have not yet determined whether these contaminants in drinking water pose a health concern at the levels detected. As we learn more about these contaminants over time, we will let you know.

Health Risk Index (HRI) calculation

Sample location	PFBS (µg/L)	PFBA (µg/L)	PFHxS (µg/L)	PFOS (µg/L)	PFOA (µg/L)	PFHxA (µg/L)	HRI
Treatment Plant #1 – Well #3 & #4	-	0.0044	-	0.0013	0.0026	0.0015	0.17

The Health Risk Index (HRI) is a calculation that takes into account the health risks of exposure to multiple PFAS. Exceedance of the HRI indicates a health concern for the combined PFAS

[1] One microgram per liter is the same as one part per billion (ppb).

exposure. A person drinking water at or below an HRI of 1 would have little or no risk for health effects.

Next Steps

Since PFAS sampling is not required by the EPA, you are not required to include these results in your consumer confidence report (CCR). However, MDH recommends that you include them in your next CCR and can provide resources to help you give context about what these results mean.

About the project

Minnesota Department of Health (MDH) has been studying the potential health impacts of PFAS in groundwater in Minnesota since 2002. This project is part of a larger effort at MDH to sample all community water systems (CWSs) for PFAS. MDH aims to cover 90% of CWS customers under its PFAS monitoring program by 2025. The project has been made possible through funding from the Clean Water Fund and U.S. Environmental Protection Agency. Sampling results from all systems that participated in the study will be included in an interactive mapping application on the MDH website. MDH will also be providing these results to the Minnesota Pollution Control Agency to make them aware of the contamination.

- For more information about the PFAS monitoring in Minnesota, please visit PFAS Testing of Public Water Systems (https://www.health.state.mn.us/communities/environment/water/pfas.html).
- For more information about Phase I of this project, see the infosheet Statewide PFAS Monitoring Project (PDF) (https://www.health.state.mn.us/communities/environment/water/docs/statewidepfas.pdf).

If you have any questions about the results, please contact Jane de Lambert, the Project Manager, at (651)201-4692.

cc: Jenny Soltys, MDH District Engineer
Attachment

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