



As part of its [investigation of Cascade Township residential drinking water wells](#), the Michigan Department of Environment, Great Lakes, and Energy (EGLE) sampled 82 residential drinking water wells in March and May 2019 along "Trout Creek" in the neighborhood east of the 36th Street exit off I-96 and west of Tricklewood Drive for analysis of per- and polyfluoroalkyl substances (PFAS). Those results are summarized here: [Update #1 - May 16, 2019](#) and [Update #2 - August 5, 2019](#).

In August 2019, after requesting access to 96 properties, EGLE sampled 74 additional residential drinking water wells in the area adjacent to Trout Creek for PFAS. This was Phase 3 of the residential well sampling effort.

Results for those "Phase 3" samples are summarized below and in the linked figures ([PFOA+PFOS and Total PFAS](#)):

	Range PFOA + PFOS (ppt)			
	Non-Detect	0< to <10	>10 to <70	>70
# of Results	32	21	21	0

	Range Total PFAS (ppt)			
	Non-Detect	0< to <10	>10 to <100	>100 to <200
# of Results	14	16	43	1

Consistent with Phase 1 and 2, result each result in Phase 3 was below the U.S. EPA Lifetime Health Advisory of 70 parts per trillion (ppt) for PFOA+PFOS. The highest Phase 3 PFOA+PFOS result was 67.1 ppt and the highest Total PFAS result was 123 ppt.

Residents have been provided their results and in response, the Kent County Health Department will offer point-of-use filters to each household where any PFAS was detected.

Based on the Phase 3 results, EGLE will expand its sampling area to a fourth phase of residential wells immediately around those locations where the highest PFAS concentrations were detected. EGLE will request access to sample 139 additional residential drinking water wells, which includes all Phase 3 wells that were not already sampled. The Phase 4 expansion extends east to the Thornapple River north of Woodbrook Dr. and slightly northwest along Burger Dr. and Brookhills Ct.

EGLE has contacted property owners in the fourth phase sampling area through postage mail to schedule a sampling appointment. EGLE is aware that some properties in the Phase 4 expansion may be connected to municipal water. If you are contacted by EGLE with a sample request and your property is already connected to municipal water, please indicate this on your questionnaire and return as normal. Thank you.

Residents who are not contacted but believe they may be in the study area can contact the EGLE Remediation and Redevelopment Division's project manager Aaron Assmann at assmanna@michigan.gov or 616-430-5275.

NOTE: This project is not associated with the Lack's Industries (Cascade) project or properties with residential drinking water wells north of 28th Street, east of the Thornapple River, west of the 36th Street exit of I-96 or south of the M-6 exit off I-96.

To receive future updates from EGLE on this investigation, register for the [Cascade Township Residential Wells Sampling and PFAS Analysis listserv](#) or check for updates to the [MPART PFAS Response webpage](#).

Health related questions about PFAS can be directed to the Michigan Department of Health and Human Services at 1-800-662-9278 or the Kent County Health Department at 1-616-632-7100.

You are subscribed to the Cascade Township Residential Wells Sampling and PFAS Analysis for EGLE. This information has recently been updated, and is now available.



Questions?
[Contact Us](#)
Ph: 800-662-9278

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