



MICHIGAN DEPARTMENT OF  
ENVIRONMENT, GREAT LAKES, AND ENERGY



### Update #5 - Cascade Township Residential Drinking Water Well Sampling (12-1-2020)

As part of its [investigation of Cascade Township residential drinking water wells](#) along "Trout Creek", the Michigan Department of Environment, Great Lakes, and Energy (EGLE) sampled 254 residential drinking water wells for per- and polyfluoroalkyl substances (PFAS) between March and November 2019. Those results are summarized here: [Update #1 - May 16, 2019](#), [Update #2 - August 5, 2019](#), [November 12, 2019](#), and [February 13, 2020](#).

In July 2020, after requesting access to 200 properties, EGLE sampled 110 additional residential drinking water wells in the area adjacent to Trout Creek for PFAS. This was Phase 5 of the residential well sampling effort.

"Phase 5" sample results are summarized below and in the linked figures ([PFOA and PFOS](#) and [Total PFAS](#)):

	PFOA and PFOS (ppt)		
	Non-Detect	Detected (no exceedance)	Exceedance PFOA (>8 ppt) or PFOS (>16 ppt)
<b># of Results</b>	90	16	2

	Range Total PFAS (ppt)			
	Non-Detect	0< to <10	>10 to <100	>100 to <200
<b># of Results</b>	72	22	16	0

Residential drinking water well results are compared to the new Part 201 cleanup criteria of PFOA 8 ppt and PFOS 16 ppt effective August 3, 2020. Phase 5 sampling identified two results above the new Part 201 cleanup criteria and, in total, Phase 1 -5 identified 39 results above the new Part 201 cleanup criteria.

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.

Through five phases, EGLE has sampled 364 residential drinking water wells for PFAS, which was detected in more than 60 percent of results indicating a need to pursue a long-term solution protective of public health for a large area. No additional sampling is planned, since EGLE believes they have sampled or requested to sample each residential drinking

water well in the sample area (south of 28th Street, west of the Thornapple River, east of the 36th Street exit off I-96 and north of the M-6 exit off I-96).

EGLE is now focusing on a long-term solution to address PFAS contamination discovered in the sample area and has requested that the liable party to perform response activities.

For questions, contact the EGLE Remediation and Redevelopment Division's project manager Aaron Assmann at [assmanna@michigan.gov](mailto:assmanna@michigan.gov) or 616-430-5275.

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

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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



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#### **EGLE COVID-19 RESPONSE:**

For details on EGLE's work during the pandemic, [visit our COVID-19 response webpage](#). Follow state actions and guidelines at [Michigan.gov/Coronavirus](https://Michigan.gov/Coronavirus).

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