

SAMPLING AND LABORATORY INFORMATION FOR RESIDENTS WANTING TO TEST THEIR PRIVATE RESIDENTIAL WELL

Traces of Per- and polyfluoroalkyl substances (PFAS) can be found in everyday items that are around the house. Therefore, it is recommended that residents take extra precaution when collecting a water sample. To ensure a sample is collected that truly represents your drinking water, we suggest that you follow the proper sampling protocol to obtain your water sample. This protocol can be found on the MPART website under Testing and Treatment, under the section titled [PFAS Sampling Guidance](#). Sampling requires you to reach out to one of the labs listed below for a sample testing kit and may require obtaining a pair of powderless nitrile gloves. These gloves are found at most large chain grocery stores.

The United States Environmental Protection Agency (USEPA) currently has two published laboratory methods available to test drinking water for PFAS:

- USEPA Method 537 version 1.1
 - Published September 2009
 - 14 individual PFAS
- USEPA Method 537.1
 - Published November 2018
 - 18 individual PFAS

Michigan Department of Environment, Great Lakes, and Energy (EGLE) Drinking Water Laboratory. Located in Lansing. Phone: 517-335-8184.

- **Testing available starting Monday, September 30, 2019.**
- The EGLE laboratory can test a drinking water sample for PFAS using USEPA Method 537.1. The cost is \$290 for the analysis of one drinking water sample. This cost *includes* the analysis of all required Quality Control (QC) samples.
- The EGLE Drinking Water Laboratory does **not** have the ability to send technicians to a resident's home to collect the sample.
- Test kits will be available for order or pickup; test kits contain sample bottles, nitrile gloves, ice packs, cooler, necessary forms, instructions, a return shipping container and box, and a return overnight UPS shipping label.
- Their website is Michigan.gov/EGLELab. Select 'Drinking Water Laboratory'.



While EGLE cannot endorse or recommend any laboratory, the laboratories that we have confirmed for the analysis of PFAS in samples collected by Michigan residents are below. Please be advised that this information was current as of April 17, 2019. All prices and information are subject to change. The information below is only a summary of the most relevant details for PFAS sampling from these laboratories. Visit the laboratory's website for complete details.

Merit Labs. Located in East Lansing. Phone: 517-332-0167.

- Merit Labs can send one of their technicians to the resident's home to collect a PFAS sample. The cost is \$100 per hour for the technician, starting with when the technician leaves the lab in East Lansing and ending with their return to the lab. Merit Labs charges \$262 for analysis of one drinking water sample.
- If a resident does not wish to pay \$100 per hour for a technician to take their sample, Merit Labs will provide a sampling kit (e.g. cooler, bottles, gloves, sampling guidance, etc.) to the resident. The sample kit and analytical costs are \$262 for one drinking water sample analyzed by Method 537.
- For non-drinking water samples (e.g. irrigation wells, groundwater before treatment, surface water, etc.), Merit Labs offers analysis by ASTM D7979 with Isotope Dilution. The cost for this analysis is \$352 per sample.
- The sample kit costs above include shipping to the resident via UPS ground shipping. Residents will need to pay for shipping their sample to Merit Labs (which Merit estimates is generally \$8-20 for Michigan residents).
- The website is: <http://www.meritlabs.com/pfas>

Northern Lake Service, Inc. Located in Crandon, Wisconsin. Phone: 800-278-1254.

- Northern Lake Service does **not** have the ability to send technicians to a resident's home to collect the sample.
- Northern Lake Service will provide items needed for sampling (e.g. cooler, bottles, gloves, etc.) to the resident. The sample kit and analytical costs for one drinking water sample analyzed by Method 537 is \$350.
- The resident will need to pay for shipping costs. Northern Lake Services recommends shipping next day air.
- Northern Lake Service may have the ability to analyze for additional PFAS analytes not included in Method 537.
- Their website is: www.nlslab.com, and click on "Analytical Services", then select "Emerging Technologies" from the dropdown menu.

Paragon Laboratories. Located in Livonia. Phone: 734-462-3900.

- Paragon Laboratories can send one of their technicians to the resident's home to collect a PFAS sample. The cost is \$125 per half hour for the technician, starting with when the technician leaves the lab in Livonia and ending with their return to the lab. Paragon Laboratories charges \$475 for analysis of one drinking water sample analyzed by Method 537.
- If a resident does not wish to pay \$125 per half hour for a technician to take their sample, Paragon Laboratories will provide a sampling kit (e.g. cooler, bottles,

gloves, sampling guidance, etc.) to the resident. The sample kit and analytical costs for one drinking water sample analyzed by Method 537 is \$475.

- Paragon Laboratories has a \$20 shipping fee to get the sample kit to the resident. The resident will have to pay for shipping their sample back to Paragon Laboratories.
- For non-drinking water samples (e.g. irrigation wells, groundwater before treatment, surface water, etc.), Paragon Laboratories will analyze 24 PFAS compounds for \$475 per sample.
- Their website is: www.paragonlaboratories.com/pfas

Prein & Newhof Environmental Laboratory. Located in Grand Rapids. Phone: 616-364-7600.

- The area of service includes west and mid-Michigan.
- Prein & Newhof can send one of their technicians to the resident's home to collect a PFAS sample. The cost is \$80 per hour for the technician and \$350 for analysis of one drinking water sample analyzed by Method 537.
- If the resident does not wish to pay \$80 per hour for a technician to come and take their sample, Prein & Newhof will provide a sampling kit containing everything needed for the resident to collect their own drinking water sample. The kit is free, and it is \$350 for analysis of one drinking water sample analyzed by Method 537.
- The resident is responsible for shipping costs.
- For non-drinking water samples (e.g. irrigation wells, groundwater before treatment, surface water, etc.), all costs are the same, and the analysis method is Method 537.
- Their website is www.preinnewhof.com/services/water-testing-laboratory/

RTI Laboratories, Inc. Located in Livonia. Phone: 734-422-8000 ext. 100

- Their area of service is the greater lower Michigan area.
- RTI Laboratories can send one of their technicians to the resident's home to collect a PFAS sample. The cost of the technician is a flat rate of \$115, and \$315 (volume discounts available) for the analysis of one drinking water sampled analyzed by Method 537.
- If the resident does not wish to pay \$115 for a technician to come and take their sample, RTI Laboratories will provide a sampling kit containing everything needed for the resident to collect their own drinking water sample. The kit is free with analysis, which is \$315 for one drinking water sample analyzed by Method 537.
- The resident is responsible for shipping costs, which total \$25.
- For non-drinking water samples (e.g. irrigation wells, groundwater before treatment, surface water, etc.), RTI Laboratories will analyze 24 PFAS compounds, and all costs are the same. A resident can choose to either hire a technician or obtain a sampling kit from RTI and collect the sample themselves and ship it back.
- Their website is <https://rtilab.com/analytical-services/analytical-servicesperfluoroalkyl-substances/>. Find more info by emailing sales@rtilab.com.

Trace Analytical. Located in Muskegon. Phone: 231-773-5998.

Trident Labs, LLC. Located in Holland. Phone: 855-875-2532.

- Trace Analytical has technicians who are located primarily in west Michigan and are willing to collect a residential well sample that they then send to Trident Labs for analysis. The cost is as much as \$75 per hour for the technician, depending on where the resident's home is in relation to the technician's location and any other sampling occurring in the area.
- If a resident does not wish to pay \$75 per hour for a Trace Analytical technician to collect a sample, Trident Labs offers a sampling kit online for \$250 which includes the cost for the analysis of one drinking water sample analyzed by Method 537. Residents wanting to collect their own sample should contact Trident Labs directly.
- Trident Labs also markets a Premium version of their drinking water testing kit, which costs \$300 for the analysis of one drinking water sample for the DEQ's list of 24 analytes.
- Trident Labs has a \$22 shipping fee which includes shipping to the resident and return shipping to Trident Labs.
- The website for Trace Analytical is: www.trace-labs.com/sample-collection/
- The website for Trident Labs is: www.tridentpfas.com and click on Order Test Kit.

Should any of EGLE's PFAS investigations lead to inclusion of your residential well in a future sampling effort, we will reach out to you. Meanwhile, we hope this information allows you to make an informed decision about your residential well.