



Enviro Labs, LLC

Sampling Guideline for PFAS testing

EPA 533 Drinking Water

EPA 537.1 Drinking Water

EPA 537M Non-potable Water

Enviro Labs provides the following sample container kit for collecting water PFAS samples and field blanks for EPA Method 533, EPA 537.1 & EPA 537M.

All samples must be collected in polypropylene (PP) containers provided by the laboratory (listed in the chart below).

Method	Matrix	Containers required	Preservative
EPA 533	Drinking Water	2 X 250 mL PP bottles	Ammonium Acetate
EPA 537.1	Drinking Water	2 X 250 mL PP bottles	Trizma
EPA 537.1	Non-Potable Water	2 X 250 mL PP bottles	None

Minimize the risk of sample contamination:

- PFAS contamination during sampling can occur from several common sources, such as certain food and beverages, food packaging, and skin products such as cosmetics or moisturizers. Avoid using such products prior to sampling
- In addition, avoid wearing clothing or boots treated with heavy fabric softeners or containing GORE-TEX® or Tyvek® on the day of sampling
- Make sure that inside of cooler is clean
- Be sure to have plenty of regular wet ice (do not use any other type of ice or ice packs for this sampling)
- Avoid using Teflon® (PTFE) containing materials
- Avoid using waterproof field notebooks, post-it notes, perennate markers such as Sharpies, plastic clipboards, binders etc.

Sampling steps:

- Wash your hands with soap before sampling and wear the nitrile gloves when filling and sealing the sample containers
- Open the sample tap and flush the system to stabilize before sampling for approximately 10-15 minutes
- After flushing, slow the water stream before collection
- Avoid contact with the inside of the sample containers and caps
- **Do Not Rinse the Containers**
- Fill the sample bottle up to the marked line or to the neck being careful not to overflow the bottle or flush out the sample preservation agent
- Collect same sample in two different bottles



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- After sampling, securely cap the sample and invert several times to dissolve the sample preservative
- Indicate sampling date, time, and site on both the bottle labels and the Chain of Custody
- Information on the Chain of Custody and labels must match and be complete
- **PFAS Field Blank:** At each sampling site, open bottle and pour field blank water provided by laboratory into the empty bottle labeled field blank, then securely cap the sample and invert several times to dissolve the sample preservative

Shipping Instruction:

- Place wet ice, samples and Chain of Custody into the shipping container and return to the laboratory immediately after collection
- Sample bottles may be hand delivered or sent by overnight carrier
- Samples must arrive at the laboratory within 48 hours of sampling at or less than 10°C, and greater than 0°C (not frozen)
- Maximum holding time for the sample is 14 days from time of collection

Contact Enviro Labs, LLC with any questions or concerns:

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