

PFAS DRINKING WATER SAMPLE COLLECTION INSTRUCTIONS – METHOD 533

Read ALL instructions before collecting samples.

- Kit contents: Nitrile gloves, ice packs (x5), a submission form, a prepaid UPS shipping label, five sample bottles.
- **Freeze ice packs for at least 24 hours prior to sampling.**
- **Do not** open the bottles until ready to collect the samples.
- Select a clean **COLD** water tap for sample collection.

Bottle Type	# of Bottles	Description	Preservative*
PFAS533	3	250 mL bottle with screw-cap, preservative only	0.25 g of NH ₄ OAc (solid)
FRB533 - A	1	250 mL bottle with screw-cap, labeled “A”, contains water	None
FRB533 - B	1	250 mL bottle with screw-cap, labeled “B”, preservative only	0.25 g of NH ₄ OAc (solid)

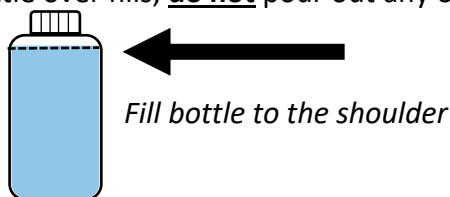
*NH₄OAc = Ammonium Acetate

1. Prior to Sampling

- Have all bottles, nitrile gloves, and paperwork ready.
- Wash hands thoroughly then put on nitrile gloves.
- Set the two FRB bottles labeled “A” and “B” aside, only the three PFAS bottles should be used for sample collection.
- Run **COLD** water at full strength for 3 minutes.
- Reduce water stream to the thickness of a pencil.

2. Sample Collection, PFAS533 Bottles

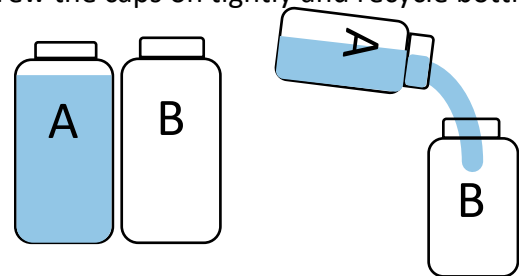
- Take one of the three PFAS sample bottles and remove the cap.
- **Do not** wash out any of the preservatives and do not touch the inside of the bottles or caps.
- Place the bottle under the stream of water and fill to the shoulder of the bottle (see below).
- If the bottle over fills, **do not** pour out any of the water.



- Once the first bottle is filled, screw the cap on tightly.
- Invert the bottle a few times to mix the preservative.
- Repeat the process for the other two PFAS bottles.

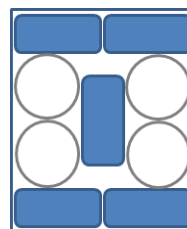
3. Filling the FRB533-B Bottle

- The two remaining bottles should be labeled “A”, which is prefilled, and “B”, which contains only preservative.
- Remove both caps and carefully pour all contents of bottle A into bottle B.
- Screw the caps on tightly and recycle bottle A.



4. Chain of Custody and Shipping

- Fill out the request form completely.
- Return the four filled bottles and five **frozen** ice packs to the cooler (see below). Place the forms outside of the cooler in the shipping box.
- To return samples for analysis:



- Attach the prepaid UPS label to the shipping box and ship within 24 hours of sample collection.
- Or, call the laboratory at (517) 335-8184 to gain access to the building and drop off the samples within 24 hours of sample collection.