

Sampling and Shipping Instructions

UCMR 5 Sampling Instructions



Please read all the instructions before sampling.

Caution: *Bottles may contain chemical preservatives. AVOID SKIN CONTACT! Powderless Nitrile gloves (provided) must be worn during the sampling steps. DO NOT USE LATEX GLOVES!*

Sampling Steps

1. Collect samples at entry points to the distribution system (EPTDS) If your sampling point has a faucet with an aerator, it must be removed prior to collection of the samples.
2. Flush the cold water sampling line approximately 10-15 minutes prior to sampling.
3. Do not touch the inside of the cap or around the edge of the bottle.
4. Slow the water stream before collection.
5. Remove the cap. Fill the sample bottle to the NECK, replace the cap and TIGHTEN. Do not flush away the preservatives and make sure that the mouth of the bottle does not come into contact with anything other than the sample water. Do not overfill the bottle.
6. Indicate the sampling date, time, and site on both the bottle labels and the enclosed Chain of Custody (COC). Information on the COC and the labels must match and be complete.

Collect Field Reagent Blanks (FRB)

- Open the Unpreserved Reagent Water bottle (blue label) and pour into the pre-preserved FRB bottle (blue label). **Do not flush away the preservatives. Do not overfill the bottle.**
- Replace the cap and **TIGHTEN.**

Shipping Instructions

1. Place the provided liner bag in the cooler. Place the sample and FRB bottles into the liner bag.
2. Put wet ice around the bottles and then more wet ice on the top of the bottles to fill the cooler almost to the top. Frozen gel packs (i.e., blue ice or synthetic ice) may be used.
3. Gather the liner bag, twist tight, and tuck it to the side. Place a layer of the bubble wrap across the top to keep bottles and wet ice in place.
4. Put the COC in a sealed plastic bag on the top of the bubble wrap. Close the cooler and seal with tape.
5. Return the cooler to the laboratory immediately after collection. Sample bottles must be hand delivered or sent by an overnight courier.

NOTE: Laboratory must be notified prior to shipment of samples for Saturday delivery.

Collect Samples for Each Sample Site

| EPA Method | 533 | 537.1 | 200.7 |
|------------------------|-----|-------|-------|
| Field sample bottle # | 3 | 3 | 1 |
| Field reagent bottle # | 1 | 1 | None |

Shipping Address:

Eurofins Drinking Water Testing (South Bend)
110 South Hill Street
South Bend, IN 46617

REMINDER: If samples are received more than 48 hours after sampling, they must be at or less than 6°C. PWS/Labs must keep records of sample storage temperature before shipment and record on COC.

NOTE: Sample recollection will incur additional costs if 533 & 537.1 samples are not received at or less than 10°C (but not frozen) within 48 hours of collection. During the hot summer, EPA suggests collecting samples in the morning and refrigerating them for several hours before packing them in the cooler with wet ice.








UCMR 5 Notes

1. Verify on COC PWS ID#.
2. Verify on COC Sample Point ID.
3. Verify on COC Facility ID.
4. Verify on COC Sampling Point Type Code: EP = entry point to the distribution system.
5. Identify on COC the Sampling Event Code: SE1 = first sampling period for all water types, SE2 = second sampling period for all water types, SE3 = third sampling period for SW, GU, and MX sources only, SE4 = fourth sampling period for SW, GU, and MX sources only.
6. If resampling, please reference the original sample event on the COC. A resample must be collected within 30 days of the PWS being notified of a sampling or laboratory error.
7. Try to collect only on Monday, Tuesday or Wednesday and ship no later than Thursday of each week. Please try not to collect on a Friday, Saturday or Sunday unless special arrangements have been made for the receipt of the samples at the laboratory within 48 hours of collection.

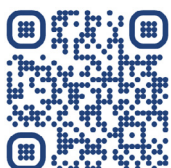


Sampling containers

Fill all empty sampling containers included in this kit.

| Method | FS Bottle | FRB Bottle | Reagent Water Bottle (blue label) |
|---|--|--|---|
| Preservatives EPA 533 PFAS 3 x 250 mL | <input type="checkbox"/> Ammonium acetate  | <input type="checkbox"/> Ammonium acetate  | <input type="checkbox"/> No preservative  |
| Preservatives EPA 537.1 PFAS 3 x 250 mL | <input type="checkbox"/> Trizma  | <input type="checkbox"/> Trizma  | <input type="checkbox"/> No preservative  |
| Preservatives EPA 200.7 Lithium 1 x 250 mL | <input type="checkbox"/> Nitric acid  | | |

Example of sample kits



Watch our video on how to perform UCMR 5 sampling.