Collection of UCMR 5 Drinking Water Samples for Per/Polyfluoro Alkyl Subsatnces (PFAS) for EPA Method 533

Sample Collection Container Set

Twin 250-mL polypropylene (PP) plastic bottles with pink labels in a sealable bag.
Note: Some bags will have four 250-mL polypropylene (PP) plastic bottles.

Travel Blank Set

One empty 250-mL polypropylene (PP) plastic bottle with a pink label and one 250-mL polypropylene (PP) plastic bottle filled with high-purity water, both in a sealable bag.

Sample Collection

1. When sampling from the sampling point, adjust the water flow to about one pint per minute. Allow the water to flow for three minutes. Operators should wash their hands before the sampling event. Nitrile gloves must be worn. Take the two 250-mL plastic bottles out their plastic bag. Note: some of the kits will have four 250-mL bottles for collection. The bottles contain ammonium acetate.

2. Open the two 250-mL sample bottles. Fill the first 250-mL bottle with the water to be sampled and tested. Fill the bottle with water up to the neck of the bottle, and then seal the bottle with the cap. Shake the capped bottle to dissolve the preservative. Repeat this procedure for the other bottle(s). Place the sample identification labels on the two 250-mL bottles. The two bottles are placed back in the plastic bag and sealed. Note: some of the kits will have four 250-mL bottles to be filled.

3. Complete the water testing form with sample's collection date and time. Record the sampler's name. **It is important to record the Water System Number, Facility/Location, Facility ID, Sampling Point ID, and Sampling Event Code.** Please contact SLD for this information if you do not know what these codes are for your water system. Initiate the chain of custody.

Travel Blank Preparation

4. SLD prepares the travel blank kit in advance for the operator. The travel blank kit contains one plastic bottle filled with high-purity lab water, and one bottle filled with preservative. Prepare the travel blank at the same time as the sampling event. Remove the bottles from the bag. Open the bottle with purified water. Open the empty bottle. Transfer the water from the first bottle into the second bottle filled with the preservative. Cap the bottles. Return the two bottles back into the bag and seal. Complete the water testing form with the collection date and time and reference of the travel blank to the sample (Use the sample's location, or its facility ID, or its sampling Point ID).

5. Chill the samples in ice. An insulated cooler is used for shipment or transport to the lab. SLD provides Styrofoam shipping coolers for PFAS samples. The operators are encouraged to return samples as soon as possible to the lab. The samples need to arrive at the lab within two days of collection. Ship or deliver coolers to this address:

Scientific Laboratory Division
Attention: Specimen Receiving
1101 Camino de Salud NE
Albuquerque NM 87102
Telephone: Michael Trujillo, 505-383-9030

Collection of UCMR 5 Drinking Water Samples for Per/Polyfluoro Alkyl Subsatnces (PFAS) for EPA Method 537.1

Sample Collection Container Set

Twin 250-mL polypropylene (PP) plastic bottles with green labels in a sealable bag.
Note: Some bags will have four 250-mL polypropylene (PP) plastic bottles.

Travel Blank Set

One empty 250-mL polypropylene (PP) plastic bottle with a green label and one 250-mL polypropylene (PP) plastic bottle filled with high-purity water, both in a sealable bag.

Sample Collection

1. When sampling from the sampling point, adjust the water flow to about one pint per minute. Allow the water to flow for three minutes. Operators should wash their hands before the sampling event. Nitrile gloves must be worn. Take the two 250-mL plastic bottles out their plastic bag. Note: some of the kits will have four 250-mL bottles for collection. The bottles contain Trizma.

2. Open the two 250-mL sample bottles. Fill the first 250-mL bottle with the water to be sampled and tested. Fill the bottle with water up to the neck of the bottle, and then seal the bottle with the cap. Shake the capped bottle to dissolve the preservative. Repeat this procedure for the other bottle(s). Place the sample identification labels on the two 250-mL bottles. The two bottles are placed back in the plastic bag and sealed. Note: some of the kits will have four 250-mL bottles to be filled.

3. Complete the water testing form with sample's collection date and time. Record the sampler's name. **It is important to record the Water System Number, Facility/Location, Facility ID, Sampling Point ID, and Sampling Event Code.** Please contact SLD for this information if you do not know what these codes are for your water system. Initiate the chain of custody.

Travel Blank Preparation

4. SLD prepares the travel blank kit in advance for the operator. The travel blank kit contains one plastic bottle filled with high-purity lab water, and one bottle filled with preservative. Prepare the travel blank at the same time as the sampling event. Remove the bottles from the bag. Open the bottle with purified water. Open the empty bottle. Transfer the water from the first bottle into the second bottle filled with the preservative. Cap the bottles. Return the two bottles back into the bag and seal. Complete the water testing form with the collection date and time and reference of the travel blank to the sample (Use the sample's location, or its facility ID, or its sampling Point ID).

5. Chill the samples in ice. An insulated cooler is used for shipment or transport to the lab. SLD provides Styrofoam shipping coolers for PFAS samples. The operators are encouraged to return samples as soon as possible to the lab. The samples need to arrive at the lab within two days of collection. Ship or deliver coolers to this address:

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