



Northern Lake Service Inc.

ENVIRONMENTAL ANALYTICAL LABORATORY

Municipal Drinking Water Sampling Guidance for PFAS Testing

Kit Contents:

- **One Pair of Powderless Nitrile Gloves per Sample Point**
- **Collection Bottle for Drinking Water Sample**
 - 2 x 250 mL Nalgene bottles with Trizma preservative for each entry point
- **Field Blank**
 - 1 x 250 mL Nalgene bottle with Trizma preservative – filled with PFAS free reagent water (FB-A)
 - 1 x 250 mL non-preserved Nalgene bottle (FB-B)

Sampling Tips:

- Because PFAS are used to make products resistant to stains, grease, and water, they are prevalent in several items we use on a daily basis. To reduce potential contamination during sampling, it is recommended to avoid using personal care products such as cosmetics, moisturizers, deodorants, or other related products while sampling for PFAS.
- Do not dump/flush out any preservatives that are present in your sampling containers. These are crucial for testing purposes. Always use caution when handling any sample container with preservatives and wash thoroughly with soap and water if preservatives would come into contact with skin.
- Never touch the inside of the sample bottles or sample bottle caps.
- If possible, have another person assist with faucet handles, sample collection forms, pens, etc.

Preparation:

- Choose a spot away from the sampling location to fill out all associated paperwork and bottle labels, using a ballpoint pen. Make sure the sample bottles and associated paperwork are clearly labeled with entry point, date and time of collection.
- Wash hands with soap and water and put on the nitrile gloves provided in the sampling kit. Only sample bottles should be handled after gloves have been put on and until collection is complete.
- Samples should be collected from the **entry point** (after treatment and before distribution). If collecting from a combined entry point, operation of wells should be as close to normal operation as possible.

Field Blank Collection:

- Remove cap from the container containing water labeled “FB-A”. Remove cap from the container labeled “FB-B” **without setting the cap down**. Pour contents of “FB-A” into “FB-B” container and replace cap.

Sample Collection:

- After sample tap has been flushed with cold water for 3-5 minutes, reduce the water flow to a pencil stream width to prevent overfilling. Remove the cap from one of the sample containers **without setting the cap down**. Fill bottle up to the neck (do not overfill) and replace lid on the sample container. Invert sample 4-5 times until the preservative dissolves. Repeat process with the second sample container.

Pack up Samples:

- Place 2 sample bottles and FB-B bottle into the Ziplock bag it was received in. Place this bag into cooler. Pack as much loose ice as possible around the sample bottles and close cooler liner bag.
- Place completed paperwork back into Ziplock bag it was received in and place in the cooler on the outside of the cooler liner that is filled with samples and ice.
- Samples are accepted 7:00 am to 4:00 pm Monday – Friday at the Crandon lab and 8:00 am to 4:00 pm Monday – Friday at the Waukesha lab. If you are shipping your kit to NLS, samples **MUST** arrive at the laboratory no longer than 2 days from the time of collection. Do not ship on Friday.
- NLS receives deliveries from UPS, Fed Ex, Speedee Delivery, USPS, and other private courier services. Use any of these courier services to return sample to NLS.
- If you have any questions regarding this sampling kit, please call our Client Service Department at 800-278-1254