



Northern Lake Service Inc.

ENVIRONMENTAL ANALYTICAL LABORATORY

Municipal Drinking Water Sampling Guidance for SOC Testing

Kit includes:

- 2 x 1 L amber glass bottles with Sodium Sulfite preservative and Hydrochloric Acid vials (525.2)
- 1 x 250 mL amber glass bottles with Sodium Thiosulfate (515.3)
- 3 x 40 mL glass vials with Sodium Thiosulfate (additional 3 vials included if EDB/DBCP required) (505/504)
- 2 x 20 mL amber glass vials with Monochloroacetic Acid and Sodium Thiosulfate (531.1)
- 1 x 500 mL brown plastic bottle with Sodium Thiosulfate and Sulfuric Acid (549)
- 2 x 20 mL clear glass with Sodium Thiosulfate (547)
- 1 x 250 mL amber glass with Sodium Thiosulfate (548)

General Sampling Instructions:

Reminder: READ ALL INSTRUCTIONS BEFORE PROCEEDING WITH SAMPLE COLLECTION

- Do not dump/flush out any preservatives that may be 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 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.

- **Important:** Fill out Section 2 of the accompanying WDNR lab form for the samples that are being collected and return with the NLS chain of custody. NLS cannot submit your data to the WDNR without this form.
- Samples are generally 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. Please refer to your WDNR lab forms and/or WDNR site plan for details on collection. If you are still unsure, you can contact your WDNR representative for assistance.

Collection:

- Fill all sample containers without overflowing.
- For 525.2 sampling, fill bottles partially with sample, add small vial of included Hydrochloric Acid, then continue to fill bottle completely without overflowing.

Pack up Samples:

- Place sample bottles back into the cooler it was received in. 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 samples to NLS.
- If you have any questions regarding this sampling kit, please call our Client Service Department at 800-278-1254

