

TTHM's & HAA5

Sampling Instructions



If you have questions regarding your sample collection, please call us Monday - Friday from 8 am - 6 pm at (775) 355-0202.

Haloacetic Acids (HAA5) Collection Procedure

HAA5 will be sampled in a 250 mL Amber Glass bottle preserved with Ammonium Chloride (NH₄Cl).

- 1 Bottle contains Ammonium Chloride as a preservative. Do not rinse the bottle.
- 2 Fill up the bottle.
Avoid overflowing because this can wash out the preservative.
- 5 Fill out the bottle's label with water repellent ink. Fill out your Chain of Custody (COC) form.
- 6 Deliver samples to your local WETLAB. Samples must be received by the lab at 2°-6°C (35°-42°F) on ice.

Total Trihalomethanes (TTHM's) Collection Procedure

Samples for Total Trihalomethanes (TTHM's) are collected in 3 40-mL glass vials with a septum cap (VOA Vials).

- 1 VOA vials contain Sodium Thiosulfate as a preservative. Do not rinse or scoop up water with the vials.
- 2 Fill the VOA vials slowly to the top so that a meniscus forms on the vial.
Avoid overflowing because this can wash out the preservative.

From a Faucet:

- Remove any attachments from the faucet such as aerators, screens, or filters.
- Run water for several minutes before sampling.
- Water flow should be at the diameter of a pencil.

From a Source Without a Tap:

- Some sources may require using a **different clean glass container** to scoop up the sample from the source to avoid washing out the preservative. You can then pour the sample into the VOA vials.
- Use a different clean glass container for each location if sampling from multiple sites.

- 3 Place cap straight down on the vial and secure tightly.
- 4 Once the cap is secure, turn the vial upside down and gently flick to check for air bubbles.

If Air Bubbles are Present:

- Open the vial.
- Do not empty out the contents.
- Add a little of the sampled water into the cap.
- Gently recap vial and check for air bubbles.
- Repeat until no air bubbles are present.

It is important that there are no air bubbles inside of the vials. The compounds we test for volatilize when they come in contact with air. Vials received with air bubbles larger than a pea will be rejected or be reported with data qualifiers. The samples will be unusable for compliance monitoring.

- 5 Fill out the bottle's label with water repellent ink. Fill out your Chain of Custody (COC) form.
- 6 Deliver samples to your local WETLAB. Samples must be received by the lab at 2°-6°C (35°-42°F) and on ice.

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