

How to Take a Haloacetic Acids (HAA5) / Trihalomethane (THM) Sample

Sample Kit Contents:

- For your sample:
 - HAA5: 1 – 500 mL amber bottle
 - THM: 2 – 40 mL glass vials, 1 small vial of HCL, 1 plastic transfer dropper
 - Note: Bottles contain preservatives. Do not rinse the bottles prior to sampling.
- Chain of Custody form

Prior to Sampling:

- If a water tap will be used for sampling, all aerators, strainers, and hose attachments must be removed.
- Open the tap and allow the system to flush until the temperature stabilizes.

Sampling the HAAS:

- Fill the amber bottle to the neck, taking care not to flush out the preservative.

Sampling the THM:

Use the same source at the same time and under the same conditions to fill the two glass vials.

- Allow the stream of water to gently flow into the vial to avoid agitation of the sample while filling. FILL HALFWAY. Add two drops of HCL from the small vial using the dropper.
- Fill each vial until there is a convex meniscus over the lip of the vial. VIALS MUST BE FILLED SO THAT NO AIR SPACE REMAINS AFTER THE CAPS ARE SECURED!
- After tightening the cap invert the vial and tap it to check for air bubbles. If there are air bubbles present, do NOT empty the vial. Slowly add additional drops of water until all air is eliminated, taking care not to flush away the preservative.

After Sampling:

- Label the bottle and vial with requested information and fill out a Chain of Custody form.
- Keep the sample cold and return it with the Chain of Custody form to the lab.

