

Collection Point:

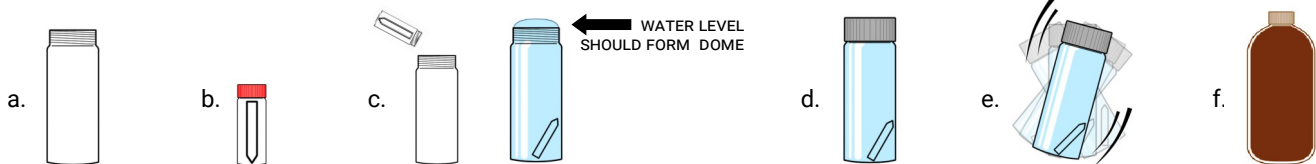
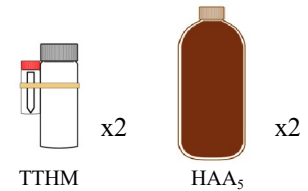
- Samples should be collected in accordance with 40 CFR 141.132 (b) (1)
- Samples need to be taken from distribution, not at the source or the treatment plant

HAA5 / TTHM Sample Kit Contents:

- 2 - 40 mL vials for each source to be sampled. These vials each contain 25 mg of ascorbic acid that **must not** be rinsed out during sample collection.
- 2 - 2 mL Red Capped vials containing inserts filled with 2 drops of 1:1 HCl (**CAUTION: HCl is Corrosive.**)
- 2 - 125 ml bottle containing NH₄Cl
- Water Sample Information Form for each collection point.

Sample Collection (THM):

1. Remove any potentially contaminating devices such as filters, screens, aerators, hoses, etc. from sampling points.
2. Open the tap and allow water to run, at least 3 minutes, until it reaches a constant temperature.
3. Reduce flow to a thin steady stream about the thickness of a pencil.
* **DO NOT LET THE VIALS TOUCH THE FAUCET OR SPIGOT AS THE SAMPLE MAY BECOME CONTAMINATED***
4. Fill the 2 - 40 mL vials from each collection point, one immediately after the other, under the same conditions. Avoid agitation of the sample while filling.
5. Allow the stream of water to gently flow into the vial just to overflowing, do not rinse out the ascorbic acid. See (a)
6. After filling, empty one insert, from one red-capped 2mL vial into each 40 mL vial. See below (b)
* **DO NOT put red capped vial into the TTHM vial.**
7. If necessary gently add more water so that sample vial looks like illustration. See below (c) ***DO NOT TOUCH** or otherwise contaminate the inside lid or the lip of the vials/bottles during sampling.
8. Carefully place the cap onto the 40mL vial. The shiny side of the Teflon cap liner should be face down in contact with the water sample. Tighten down the cap securely. See below (d)
* **IMPORTANT: Check for trapped air by inverting the vial and looking to see if any air bubbles are present. If air bubbles are present, gently add more water and repeat step 8. The lab will REJECT TTHM samples if there are air bubbles in the TTHM Container. This will result in re-sampling.**
9. When you are sure vial is properly filled, shake vigorously. See below (e).
10. Label each 40mL vial with DOH source number and your name for that collection point.



Sample Collection (HAA5):

1. Fill 2 - 125ml bottles from same collection point at same time. See (f)
2. Tighten lid securely, then label the bottle with DOH source number and your name for that collection point.

Shipping Instructions:

- Hold Time: 4 Days
- Ship samples to: **Edge Analytical, 1620 S. Walnut St., Burlington, WA 98233** or drop off at any Edge Lab.
- Ship "Next Day Air" / Samples must arrive at lab prior to 4pm Friday / **Do Not ship samples on Thursday or Friday**
- Make sure paperwork is properly filled out and **placed in a plastic bag** to protect it from being damaged.

To Keep Samples Cold: Place samples in cooler(s) with enough ice to keep cold until arrival at Edge.

- Samples must arrive at **4°C, +/- 2°**.
- Cubed ice is best for keeping samples properly cold.
- To prevent leaking, double bag the ice.