



HAA/TTHM Sampling Instructions (552.3 and 552.2THM)

Vials Required

TTHM: Two 40mL clear vials which contain 25mg of Sodium Thiosulfate for each source being sampled. Do not rinse the preservative out of the bottles during sampling. Be careful not to splash preservative on your skin.

HAA: Two 40mL amber vials which contain 25mg of Ammonium Chloride for each source being sampled. Do not rinse the preservative out of the bottles during sampling. Be careful not to splash preservative on your skin.

Sampling Instructions

1. All samples should be collected after treatment in the distribution system where the water is sitting the longest.
2. Use the same collection point every time you sample.
3. Remove attachments (filters, screens, aerators etc.) from the tap, as they are a potential contamination source.
4. Flush the water for about ten minutes or until it reaches a constant temperature.
5. Reduce water flow, if possible, to a stream about the thickness of a pencil.
6. For each sample, hold the vial at an angle, and position under the edge of the stream of water, so that the water flows gently into the vial along the inner sidewall. When the vial is nearly full, tilt back to a vertical position to fill completely. Avoid overflowing the vial, as this could wash out the preservative.
7. If necessary, carefully add water so that the meniscus (the curved upper surface of a liquid) is above the rim of the vial.
8. Place cap on vial and tighten down the cap securely.
9. Check for trapped air by inverting the vial and looking for air bubbles. If bubbles are present, carefully add more water and secure the cap again.
10. Label each vial with source/location information.

After Sampling

1. Store samples in a refrigerator until they are returned to Avocet Environmental Testing.
2. Complete the Chain of Custody form for each source collection. Indicate the date, time and location where the samples were collected.