

STEP SIX

Reduce water flow, if possible, to a stream about the thickness of a pencil. Hold the vial at an angle and position the vial 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 the vial to the vertical position to fill it completely, forming a meniscus (the curved upper surface of a liquid formed by surface tension) at the top of the vial. Avoid overflowing the vial too much because this could wash out the preservative.



STEP SEVEN

Roll or shake sample bottle to mix the ammonium chloride crystals completely in order to remove residual chlorine from the water sample.

STEP EIGHT

Keep all samples refrigerated until you are ready to ship samples. Once samples are ready to be shipped, package samples, frozen chemical cold pack, and completed sample information form into a container and ship to the laboratory within 24 hours.

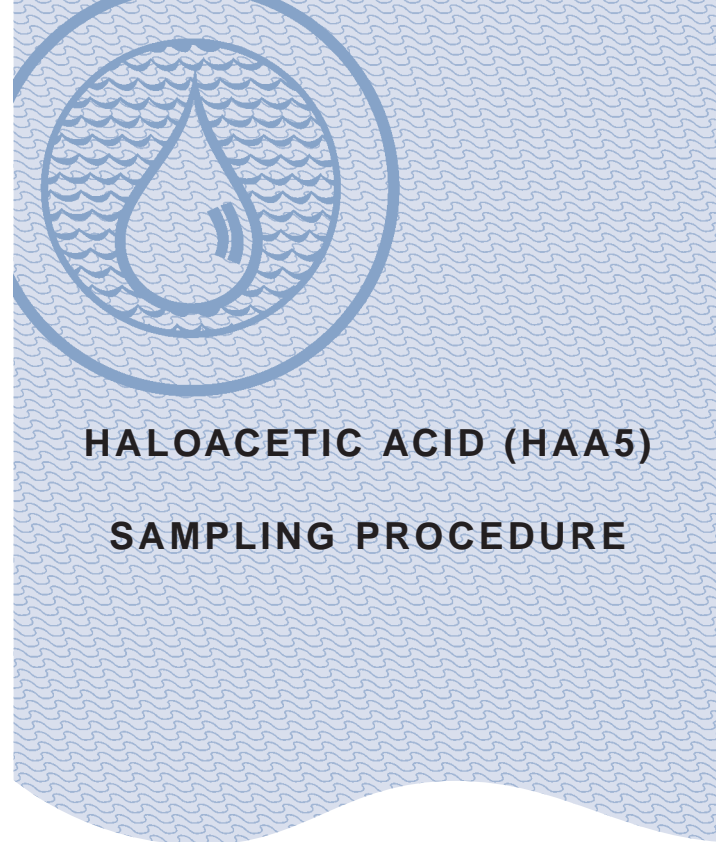
If you have questions about sampling collection procedures, contact your regional office:

SW Regional Office
(360) 236-3030

NW Regional Office
(253) 395-6750

Eastern Regional Office
(509) 329-2100

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HALOACETIC ACID (HAA5) SAMPLING PROCEDURE

This brochure provides general information on how to collect a haloacetic acid sample. Steps and procedures can vary depending on the laboratory that is used so you should follow the instructions that are provided by the laboratory you are using.

The general sampling procedure for HAA5 monitoring is as follows:

Generally the sample kit contains:

- One or more chemical cold packs (i.e., blue ice)
- One 50-ml amber vial or one 250-ml amber bottle containing 5 mg of ammonium chloride and lab reagent water, labeled “FIELD BLANK.” DO NOT OPEN THE FIELD BLANK; it serves as an indicator of contamination that might occur during sample transport or storage.



- Two 50-ml amber vials or 250-ml amber sample bottles containing 5 mg of ammonium chloride for each site to be sampled for HAA5. The ammonium chloride is used to neutralize the remaining chlorine.
- One sample information sheet for each source to be collected

The general sampling procedure for HAA5 monitoring is as follows:

STEP ONE

Freeze the chemical cold pack before collecting samples.

STEP TWO

Locate sampling site(s) at the extreme end of the distribution system, or use the sites identified in your Distribution Byproducts Monitoring Plan.

STEP THREE

Remove any attachment from the tap such as hoses, filters, screens, or aerators.

STEP FOUR

Flush the water for about 10 minutes or until the water temperature reaches a constant temperature.

STEP FIVE

While the water is running and before collecting the sample, fill out **COMPLETELY** the laboratory form and sample label. Laboratory forms vary, but the following information is very important to complete:

- Water System ID number
- Water System name
- DOH source number—leave this blank as these samples are not source samples.
- Sample type and sample purpose (usually “RC” for routine compliance)
- Collection date and time the sample was taken
- Sample location (specific location where the samples were collected, such as an address or sampling station code)
- System type (i.e., Group A or B)
- Sample type (i.e., pre-treatment/raw or post-treatment/finished)

