

## VERMONT DEPARTMENT OF HEALTH LABORATORY

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### HALOACETIC ACIDS SAMPLING INSTRUCTIONS FOR KIT OK - EPA METHOD 552.2

Please read these instructions prior to collection of samples. The water sample collection information form must be filled out completely for each sample. Each bottle must be clearly identified as to date and location, to keep samples separate. If sample bottles and forms are not clearly marked, the samples will be rejected. **Note: TRIHALOMETHANES-KIT OB, may need to be sampled at the same time and at the same location as haloacetic acid sampling occurs.**

What you will need to sample at EACH location:

Ice pack (s) provided or ice, [provided by the sampler in a plastic bag] to keep samples cool in transit.

Three, pre-cleaned amber 60 ml bottles with ammonium chloride preservative (one sample-set)

Water Sample Collection Form, Chem 202

Cooler/mailler.

**Where to take the Sample:** Please refer to the sampling plan for your WSID number.

### **FREEZE THE ICE PACKS BEFORE SAMPLING.**

#### **SAMPLING INSTRUCTIONS**

1. When sampling from a water tap, remove aerator/strainer, open the cold tap and allow the system to flush until the water temperature has stabilized (usually about three to five minutes). Then reduce the water flow so that no air bubbles can be visibly detected.
2. Collect sample from the flowing system. Fill sample bottles to just overflowing but take care not to flush out the preservative crystals.
3. After collecting the sample, seal the bottle and shake by hand for one minute to dissolve the preservative crystals.
4. Collect three bottles for each sample site.
5. Wipe bottles dry; label each bottle with sample collection information. Use ballpoint ink pens.
6. Fill out Water Sample Collection Information form. Make sure that the information matches the information on the bottles for that sample/location. Write in the date and time of collection, town name, specific sampling location, your name ("sampler"), and a daytime phone number on the Water Sample Collection Information form.
7. Place bottles into the cooler/mailler. Package samples to prevent breakage. **Please place the frozen ice pack (s) in the cooler** by placing next to sample bottles. Close cooler. Fold Water Sample Collection Information forms and put on top of the cooler. Close and seal mailer.
8. Keep Samples Cool. Mail or deliver promptly! Return the sample during business hours (Mon – Fri, 7:45 a.m. – 4:30 p.m.) and within 48 hours of sampling.

Additional Information:

As long as the bottles are full, bubbles are acceptable.

If the septum comes out of the cap, replace it with the non-teflon side to the outside.

**If you are sending more than one sample-set (sample-set = 3 bottles),** each must have its own Water Sample Collection Information form filled out. Make sure each bottle is labeled with its sampling location or some other identifying mark ("Sample A", "Sample B", etc.). Put the same identifying information as you put on the bottles, in the "submitter remarks" section.

If you have questions or suggestions regarding these instructions, please call or write to us. Thank you.