

VERMONT DEPARTMENT OF HEALTH LABORATORY
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EDB/DBCP SAMPLING INSTRUCTIONS
For Kit OH- EPA method 504

Please read prior to collection of sample. If these instructions are not followed closely it may result in the analysis being delayed or the sample being rejected. Ice pack must be frozen prior to sampling. **Note: Expect test results to be mailed approximately 15 business days from sample submission date.**

What you will need to collect sample:

- Three pre-cleaned 40ml capacity glass vials with sodium thiosulfate
- VDHL Water Sample Collection Information form, (Chem 202)
- A Laboratory TRIP BLANK is included. DO NOT OPEN. This container must be returned with samples.
- Cooler/mailler with ice pack(s)

FREEZE THE ICE PACKS BEFORE SAMPLING.

Where to take sample:

Regulated Water Systems

The sample must be taken at the point of entry to the distribution:

- a) If the system is served by surface water the sample must be taken after any application of treatment.
- b) If the system is served by ground water the sample must be taken at a location representative of each source after any application of treatment.

Homeowner: Collect the sample where you usually take your drinking water.

SAMPLING INSTRUCTIONS

1. **WASH YOUR HANDS;** DO NOT pump gas or handle any volatile chemicals on the day of sampling. This test is SENSITIVE to these types of activities.
2. Remove strainer unit from faucet.
3. Run **cold** water for 4-5 minutes, then reduce flow to about a 1/8 inch stream to eliminate splashing and air bubbles.
4. Carefully remove cap and slowly fill the vial while holding the vial at an angle. **Do not over-fill or rinse bottle since the preservative will be lost.** Do not allow inside of cap or bottle to be touched by any object.
5. Add water until it actually is above the rim of the bottle. This will eliminate an air pocket. Gently tap bottle to dislodge any air bubbles. **If the air bubbles are present the sample can not be tested.**
6. Carefully hook cap over the top of bottle trying to match threads as shown in the diagram on the back of this page and screw cap on securely. Make sure the side of the septum with the non-Teflon side is outside and **not** touching the water. **If the septum is not on correctly the sample cannot be tested.**
7. Place the cap on securely. Check for air bubbles by turning vial over and tap the cap; double-check by looking through the bottom. If there are air bubbles, re-open the vial and add a few more drops of water; **Do not empty the vial. Do not over-fill bottle since the preservative will be lost. Label the samples so they can be identified from others.**
8. Complete the Water Sample Collection Information form and return it with sample containers to the Laboratory. **If proper identification (date and time of sampling) is not submitted, the sample can not be tested.**
9. Keep all samples together, package samples in cooler/mailler provided to prevent breakage (Use the frozen ice pack(s) (or ice) to keep cool, at least 4°C, and keep out of sunlight). Mail or deliver **promptly** to the laboratory after collection.

KEEP SAMPLE COOL. MAIL OR DELIVER PROMPTLY! THE SAMPLE SHOULD BE RECEIVED DURING BUSINESS HOURS AND WITHIN 48 HOURS OF SAMPLING. If you have questions or suggestions regarding these instructions, please call or write to us. Thank you.

