

VERMONT DEPARTMENT OF HEALTH LABORATORY
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**CARBAMATE PESTICIDES SAMPLING INSTRUCTIONS
FOR KIT OG - EPA METHOD 531.2**

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.

Caution: Ice pack needs to be frozen prior to sampling.

What you will need to sample:

Two (2) pre-cleaned 60ml capacity glass vials with $\text{Na}_2\text{S}_2\text{O}_3$ and $\text{C}_6\text{H}_7\text{KO}_7$ (preservatives)
Water Sample Collection Information form (Chem 202)
Carbamate Pesticides Sampling Instructions (Chem 413)
Frozen Ice Pack

WE RECOMMEND THAT YOU WEAR SAFETY GLASSES AND CLEAN NEOPRENE GLOVES WHILE TAKING THE SAMPLE.

SAMPLING INSTRUCTIONS

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.

1. **CLEAN YOUR HANDS;** DO NOT pump gas or handle any volatile chemicals on the day of sampling. This test is SENSITIVE.
2. Remove strainer unit from faucet.
3. Run **cold** water for 4-5 minutes, then reduce flow (to about the thickness of the tip of your little finger) to eliminate splashing and air bubbles.
4. Carefully remove caps and slowly **fill the vials to the shoulder of the bottle.** Do not rinse bottle because it has a preservative in it. Place caps on securely making sure the side of the septum with the non-teflon side is outside and **not** touching the water. Shake bottle for 1 minute. **If the septum is not on correctly the sample can not be tested.** **Do not empty the vials.** **Do not over-fill bottle since the preservative will be lost.** Label the samples so they can be identified from others.
5. Complete the Water Sample Collection Information form and return it with sample containers to the Laboratory. **If proper sample information (date and time of sampling) is not submitted, the sample can not be analyzed.**
6. Keep all samples together, package samples in cooler/mailed provided to prevent breakage (Use the frozen ice pack (or ice) to keep cool, at least 10°C, and keep out of sunlight) and **deliver promptly** (within 48 hours) to the laboratory after collection.

KEEP SAMPLE COOL. 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.