

SAMPLING INSTRUCTIONS
for
EPA METHOD 524.2, 8021, 602, or 504 (when not in SOC set)

The sample must be analyzed within 14 days after collection. Preservative used is 3 drops of 50% (6N) Hydrochloric acid per 40 mL vial. Chlorinated water systems samples are dechlorinated with ascorbic acid before addition of Hydrochloric acid preservative. Prepared vials, acid, request ID stickers, and forms will be provided by the lab. Forms can also be downloaded from the web site. (<http://swatlab.nmsu.edu>)

Two 40 mL vials and a traveling blank are required for sampling of these methods, which will be provided by the lab. The lab will provide extra vials that may be required. A request ID sticker must be placed on each vial, except for the extra vial. Request ID stickers are labeled A through D.

Request ID example: U123456A, U123456B, U123456C, U123456D.

Samples must be label as followed:

Actual sample vials 1 & 2 require Request ID A & B. Traveling blank will be request ID C. Request ID D will be placed on the form. (If the sample has an extra vial, than the vial must be label as extra.)

*All analytical request forms must have sampler's name and phone number. We must also have the reporting address, which is usually the water systems address.

COLLECTING THE SAMPLE

1. Fill vial $\frac{3}{4}$ full, add 2-3 drops of HCL
2. Without spilling any sample, finish filling the vial slowly until it forms a bulging meniscus.
3. Carefully place the cap and tighten.
4. Turn vial up side down and shake it. Wait a few seconds and check for any air bubbles.
5. Repeat the same procedure with the second vial. (A third vial, "extra," is needed weekly.)

If air bubbles exist, dispose of the sample and repeat the procedure again until it comes out bubble free.

Samples must be kept at 1-6° C temperature.

Use bottle labels for indicating location, date, and time of sampling.