

## **DIRECTIONS FOR THE COLLECTION OF WATER SAMPLES FOR ORGANIC DISINFECTION BY-PRODUCTS (DBPs) (PROVIDED by SLD)**

**Sample Containers:** Twin 40 mL clear glass vials for the collection of trihalomethanes (TTHM); Twin 60 mL dark glass vials for the collection of haloacetic acids (HAA5). These vials already contain the de-chlorination agents.

### **A. Sample Collection**

1. When sampling from a water tap, open the tap and allow the water to flow for 5 minutes. Adjust the flow to about 500 milliliters (1 pint) per minute. Any aerator device on faucet must be removed. Take vials out their original plastic baggies.
2. Use the **tall dark vials** to collect the sample for **haloacetic acids**. Open one vial. Slowly fill the vial with water to the top of the vial. Re-cap the vial. Fill the second duplicate vial in the same manner. Shake the vials for a full minute after collection to dissolve the ammonium chloride de-chlorination agent. Fill out the white sample information labels and then place a sample information label on the lower part of each vial. Place the two vials back into their original sample bag.
3. Use the **short clear vials** to collect the sample for **trihalomethanes**. Open one vial. Slowly fill the vial to the very top so that the water surface bows up and above the rim of the vial. Re-cap the vial. Invert the capped vial and make sure no headspace or bubbles are present. If headspace is present, then remove cap and carefully add a little more water from the tap and re-cap again. Fill the second duplicate vial in the same manner. Fill out the green sample information labels and then place a sample information label on each vial. Place the two vials back into their original bag.
4. Request Identification (RID) stickers are supplied by the laboratory. Place one RID sticker on each of the four vials. Apply one of the RID stickers to the top left corner of the analysis request form supplied in this kit. Keep the remaining RID sticker for your records or logbooks.
5. Complete the analysis request form with sample information. Select the applicable User Code. **Note: Submitter Code, WSS ID, Facility ID, and Site ID are required.** Please contact your district NMED Drinking Water Bureau office for this information.

### **B. Sample Preservation and Shipment**

1. Samples must be chilled to 4 degrees Celsius after collection and stored at that temperature until arrival at the laboratory. Shipments must be packaged with sufficient ice to insure that samples will remain at 4 degrees Celsius upon arrival at the laboratory. Do not let the samples freeze as this may cause the vials to break.
2. Samples must be sent to the laboratory soon after collection. **Any samples that arrive at the lab more than seven days after collection will be rejected.**

SLD phone number for questions on sample collection: (505) 383-9030 or 383-9031

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