



THM/HAA – Stage 2 (DBP- Disinfection Bi-Product)

Sampling Instructions (IEPA)

Trihalomethanes and Haloacetic Acids

• PLEASE READ ALL INSTRUCTIONS BEFORE SAMPLE COLLECTION •

THM/HAA's - contain the following:

- ▶ 3 - 40ml clear vials preserved with Sodium Thiosulfate.
- ▶ 3 - 60ml amber vials preserved with Ammonium Chloride.
- ▶ 1 - 150ml plastic unpreserved bottle labeled Chlorine Check
“DO NOT EMPTY OR RINSE OUT PRESERVATIVE”

1. Collect the sample during the MONTH indicated on the COC.
2. Be sure to collect the sample from an approved IEPA site as listed on your COC form. If you must make a change it must be approved by Mary Reed at IEPA. Mary Reed's direct line is 217-785-6653
3. Fill the 3 sample vials for THM's completely to the top without over-filling. There should be **NO AIR BUBBLES PRESENT** when turned upside down. If bubbles are present, add more sample, but **DO NOT EMPTY** the vial and refill.
4. Fill the 3 sample vials for HAA's completely to the top without over-filling. There should be **NO AIR BUBBLES PRESENT** when turned upside down. If bubbles are present, add more sample, but **DO NOT EMPTY** the vial and refill.
5. Fill the plastic 150 ml unpreserved bottle completely to the top from the same location as the THM – HAA's.
6. Wrap the vials securely in bubble wrap.
7. Samples must be analyzed within 14 days of collection.
8. See the required sample pre-cooling and cooling instructions for specific details to avoid costly re-samples due to improper temperature preservation.
9. If you must ship the samples refrigerate them overnight OR put in an ice bath for 1 hour before shipping. They must arrive at the lab above freezing and less than 6 degrees Celsius (32.2 to 42.8 Fahrenheit). **DO NOT FREEZE** or the bottles will break!!