

Attention Sample Collector

Please Read Carefully!!

Disinfectant/Disinfection By-Products Monitoring Program

Your public supply is required to sample for the Disinfectant/Disinfection By-Products (D/DBPs) Rule. This regulation replaces the Total Trihalomethane (TTHM) regulation. It includes monitoring of disinfectant levels and disinfection by-products; four trihalomethanes (TTHMs); five haloacetic acids (HAAs); bromate and chlorite. The TTHMs and HAAs are formed by the reaction of chlorine with organic matter or total organic carbon (TOC). Bromate is formed by the reaction of ozone with organic matter; chlorite by the reaction of chlorine dioxide with organic matter.

Monitoring requirements are based upon the type of water used (surface or ground), population and disinfectant used by your supply. Only parent supplies will be required to monitor for TOC. Only supplies using ozone will monitor for bromate and supplies using chlorine dioxide will monitor for chlorite.

Supplies required to collect **only one sample per monitoring period** must collect the sample at the **maximum residence time (MRT) location** in the distribution system. The MRT location is the site in the distribution system with the “oldest” water. This may be the location furthest from the entry point.

Supplies required to collect **four samples per quarter** must collect one sample at the MRT location and the remaining samples at representative sites in the distribution system. These sites should be approximately halfway between the entry point and the end of the distribution system.

All supplies must submit a D/DBP monitoring site plan. The same sampling locations are used for both TTHM and HAA monitoring.

Complete the attached form, add an 8.5” by 11” map of the distribution system and submit it with the first set of samples. The map should identify the water treatment plant or entry points and the sample locations. **Use the site numbers on all TTHM/HAA sample forms.** Be sure to keep a copy of the site plan and map for your files.

To provide the best quality data, parent supplies and their satellites should collect samples at the same time. All parent and satellite supplies are scheduled in the same month. **Please call** the operator of your parent or satellite supply and **coordinate sampling**.

**Disinfection By-Products (DBPs) Site Plan
(One Sample Per Monitoring Period)**

Facility No. _____ **Facility Name** _____

Please Print

Type of Sample	Site No.	Street Address	City	Zip
Maximum Residence Time (MRT)	DBP_{MAX}			

Signature of ROINC _____ **Telephone No.** _____

**Disinfection By-Products (DBPs) Site Plan
(Four Samples per Quarter)**

Facility No. _____ Facility Name _____

Please Print

Type of Sample	Site No.	Street Address	City	Zip
Maximum Residence Time (MRT)	DBPMAX			
Representative Distribution Sample #1	DBPREP1			
Representative Distribution Sample #2	DBPREP2			
Representative Distribution Sample #3	DBPREP3			

All supplies must have a maximum residence time and three mid-point representative sample locations. The Agency needs to be notified prior to using an alternate site.

Signature of ROINC _____ Telephone No. _____