



## **Instructions**

### **I. Systems Using Chlorine or Chloramines**

#### **A. Distribution System Monitoring**

Number of Samples Required:	See Note 1 Above.
Number of Samples Taken:	See Note 1 Above.
Lowest Residual:	Enter the lowest residual measured from all distribution system measurements.
Average Residual:	Enter the arithmetic average residual calculated from all distribution system measurements.
Number below 0.2 mg/L:	Enter the number of residual measurements below 0.2 mg/L.
% of Samples 0.2 mg/L or higher:	Enter the calculated percentage of measurements that were 0.2 mg/L or higher. Example: 35 measurements above 0.2 mg/L divided by 40 measurements = 87.5 %.

#### **B. Entry Point Monitoring**

Number of Days Residual Measurements Required:	For Subpart H systems, the disinfectant residual must be measured at the entry point each day facility in operation. For true ground water systems, the disinfectant residual must be monitored before the first customer each day facility in operation.
Number of Days Residual Measurements Taken:	Enter actual number of days the disinfectant residual was measured.
Type of Monitoring Conducted	Place a "X" in the box below either grab or continuous to indicate the type of disinfection monitoring conducted on finished water leaving the treatment facility.
Lowest Residual Measured	Enter the lowest residual measured entering the distribution system.
Number of Days Continuous Monitoring Operated:	Enter the number of days continuous disinfection monitoring equipment operated.
Number of Days Continuous Monitoring Out of Service:	Enter the number of days continuous disinfection monitoring equipment was out of service.

### **II. Systems Using Chlorine Dioxide**

#### **A. Entry Point Monitoring**

Number of Days Residual Measurements Required:	Disinfectant residual must be measured at the entry point each day facility in operation.
Number of Days Residual Measurements Taken:	Enter actual number of days the disinfectant residual was measured.
Highest Residual Entering D.S.:	Enter the highest disinfectant residual measured entering the distribution system.
Number of Days Residual > MRDL:	Enter the number of days the residual measurement exceeded the MRDL of 0.8 mg/L.
Number of Consecutive Days: Residual > MRDL:	Enter the number of consecutive days the residual measurement exceeded the MRDL of 0.8 mg/L.

#### **B. Distribution System Monitoring**

##### **1. Systems Not Using Booster Stations**

Date E.P. Sample Exceeded MRDL:	Enter the date the disinfectant residual entering the distribution system exceeded the MRDL of 0.8 mg/L.
Date of Follow-Up Sampling	Enter the date follow-up sampling occurred.
Sample Times and Results:	Follow-up sampling must be taken the day after a MRDL exceedance, and must be taken at six-hour intervals at the closest customer to the treatment facility.

##### **2. Systems Using Booster Stations**

Date E.P. Sample Exceeded MRDL:	Enter the date the disinfectant residual entering the distribution system exceeded the MRDL of 0.8 mg/L.
Date of Follow-Up Sampling:	Enter the date follow-up sampling occurred.
Sample Locations and Results:	Follow-up sampling must be taken the day after a MRDL exceedance, and must be taken at the following locations: closest customer, average residence time, and at the maximum residence time (end of distribution system).