



**Maximum Residual Disinfectant Level (MRDL)  
Monitoring Plan**  
For use by community and nontransient noncommunity water systems that use chlorine or chloramines

**1. General Public Water System (PWS) Information:**

PWS Name: \_\_\_\_\_ PWS ID Number: AZ04 - \_\_\_\_\_  
 Contact Person and Title: \_\_\_\_\_  
 Phone Number: \_\_\_\_\_ E-Mail Address: \_\_\_\_\_  
 PWS Type:  CWS  NTNCWS **Population Served:** \_\_\_\_\_  
 PWS Source Types:  Groundwater  Surface Water  GUDI  
 Purchased Ground Water  Purchased Surface Water

**2. Monitoring requirements for disinfectant residuals:**

- a) The disinfectant residual must be measured at the same time and the same location as each total coliform bacteria sample.
- b) Monitoring may be increased due to repeat/increased monitoring under the Revised Total Coliform Rule.
- c) Compliance is based on a running annual average of distribution system monitoring, computed quarterly, of monthly averages of all samples collected by the system. If the average is above the MRDL of 4.0 mg/l, the system is in violation of the MRDL and must notify the public, in addition to reporting to ADEQ.
- d) Systems are required to submit a MRDL quarterly report (DWAR 18A) to ADEQ no later than 10 days after the end of each quarter.

**3. Method:**

**Disinfectant used:**  Chlorine (residual measured as free or total chlorine)  
 Chloramines (residual measured as combined or total chlorine)

**Analysis method used to measure residual disinfectant level:**

SensiStrips  Hand held meter  Other \_\_\_\_\_  
*Note: Hand Held meters (SM 4500 Cl) and SensiStrips are the only acceptable analysis methods.*  
 Do you calibrate your meter(s)?  Yes  No If yes, how often? \_\_\_\_\_

**Explain the exact procedures to be followed to ensure that the field test measurement will be accurate:**

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Number of routine samples taken per monitoring period:** \_\_\_\_\_

**Disinfectant residual sampling sites in distribution system:**

Sample Site Name	Address

*Expand table or add pages as needed for addition*

**4. Please attach a distribution system map with disinfectant residual sampling locations identified.**