



**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.