



# CHLORINE/CHLORAMINE MAXIMUM RESIDUAL DISINFECTANT LEVEL

All Community and Non-transient Non-community public water systems which add a chlorine or chloramine as a disinfectant to the water in any part of the drinking water treatment process, or any consecutive system that receives treated water, must monitor and not exceed the Maximum Residual Disinfection Level of 4.0 mg/L.

**DWAR 18 forms** must be submitted and received by ADEQ no later than 10 days following the end of each quarter.

- 1ST QUARTER FORM DUE BY APRIL 10<sup>TH</sup>
- 2ND QUARTER FORM DUE BY JULY 10<sup>TH</sup>
- 3RD QUARTER FORM DUE BY OCTOBER 10<sup>TH</sup>
- 4TH QUARTER FORM DUE BY JANUARY 10<sup>TH</sup>

## WHAT IF I DON'T SAMPLE OR SUBMIT MY DATA ON TIME?

PWS will receive a missed monitoring violation, be subject to enforcement action, and be required to perform a Tier 3 Public Notice.

## KEY POINTS OF THE “MRDL RULE”

- Must sample for chlorine/chloramine residual at the same time and location of each ROCR sample during any given monitoring period.
- Residual Chlorine samples are *also required* on ROCR repeats.
- Hand Held meters (SM 4500 Cl) or SensiStrips are the only acceptable analysis methods.
- Meters must be calibrated per ADHS requirements.

## REQUIRED INFORMATION ON REPORTING FORM

- PWS ID and Name
- Monitoring Quarter and Year
- Monthly # of samples collected and average of Samples collected
- Use DWAR 18a Form
- Writing Cl<sub>2</sub> residual results on the ROCR DWAR 1R form *does not count* as reporting MRDL for compliance.

## SUBMIT COMPLETED FORM TO:

EMAIL: [WQD\\_Compliance\\_Data@azdeq.gov](mailto:WQD_Compliance_Data@azdeq.gov)

MAIL: ADEQ Water Quality Compliance  
Data Unit (MC 5415B-1), 1110 W.  
Washington St., Phoenix, AZ 85007

For questions, call: (602) 771-9200

