

### Disinfectants and Disinfection Byproducts Rule

System Type - SW and GUI < 10,000 or GW doing DBP samples

System Name: \_\_\_\_\_

PWSID#: \_\_\_\_\_

Reporting period: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

### Chlorine or Chloramines Residual (all systems)

\*Note: Same location and frequency as TCR.

| Month     | Year | # samples | Avg. Total Cl <sub>2</sub> | Quarterly Avg. |
|-----------|------|-----------|----------------------------|----------------|
| January   |      |           |                            |                |
| February  |      |           |                            |                |
| March     |      |           |                            |                |
| April     |      |           |                            |                |
| May       |      |           |                            |                |
| June      |      |           |                            |                |
| July      |      |           |                            |                |
| August    |      |           |                            |                |
| September |      |           |                            |                |
| October   |      |           |                            |                |
| November  |      |           |                            |                |
| December  |      |           |                            |                |

Running Annual Average: \_\_\_\_\_

MRDL: 4.0 mg/L

Was MRDL exceeded?  No  Yes

### Disinfection Byproduct Precursor Removals (Conventional Filtration)

\*Only SW or GUI systems that use conventional filtration need to fill this section out.

TOC Removal Requirement Table (f)

| Source TOC    | Source Water Alkalinity |            |           |
|---------------|-------------------------|------------|-----------|
|               | 0-60 mg/l               | 60-120mg/l | >120 mg/l |
| >2-4.0 mg/l   | 35%                     | 25%        | 15%       |
| >4.0-8.0 mg/l | 45%                     | 35%        | 25%       |
| >8 mg/l       | 50%                     | 40%        | 30%       |

| Month     | Sample Date | (b)<br>Finished TOC<br>mg/l | (c)<br>Source TOC<br>mg/l | (d)<br>% removal<br>(1-b/c)*100 | Source Water<br>Alkalinity (mg/l) | (f)<br>Req. TOC<br>Removal % | TOC Ratio<br>Monthly<br>d/f | Quarterly<br>Average<br>Ratio |
|-----------|-------------|-----------------------------|---------------------------|---------------------------------|-----------------------------------|------------------------------|-----------------------------|-------------------------------|
| January   |             |                             |                           |                                 |                                   |                              |                             |                               |
| February  |             |                             |                           |                                 |                                   |                              |                             |                               |
| March     |             |                             |                           |                                 |                                   |                              |                             |                               |
| April     |             |                             |                           |                                 |                                   |                              |                             |                               |
| May       |             |                             |                           |                                 |                                   |                              |                             |                               |
| June      |             |                             |                           |                                 |                                   |                              |                             |                               |
| July      |             |                             |                           |                                 |                                   |                              |                             |                               |
| August    |             |                             |                           |                                 |                                   |                              |                             |                               |
| September |             |                             |                           |                                 |                                   |                              |                             |                               |
| October   |             |                             |                           |                                 |                                   |                              |                             |                               |
| November  |             |                             |                           |                                 |                                   |                              |                             |                               |
| December  |             |                             |                           |                                 |                                   |                              |                             |                               |

Finished TOC average: \_\_\_\_\_

Type of monitoring:  Reduced  Routine

Were Removal Requirements attained?  No  Yes

Running Annual Average: \_\_\_\_\_

(must be >1.00)

### Total Trihalomethane Monitoring TTHM (all systems)

Location: \_\_\_\_\_

| Sample Date | ppb |
|-------------|-----|
| 1st Qtr     |     |
| 2nd Qtr     |     |
| 3rd Qtr     |     |
| 4th Qtr     |     |

#### System Size

- < 500 SW or GUI
- 500-9,999 SW or GUI
- < 10,000 GW
- > 10,000 GW

MCL: 80 ppb

Running Annual Average: \_\_\_\_\_

Type Of Monitoring:  Reduced  Increased  Routine

Was MCL Exceeded?:  No  Yes

### Haloacetic Acid Monitoring HAA5 (all systems)

Location: \_\_\_\_\_

| Sample Date | ppb |
|-------------|-----|
| 1st Qtr     |     |
| 2nd Qtr     |     |
| 3rd Qtr     |     |
| 4th Qtr     |     |

Running Annual Average: \_\_\_\_\_

MCL: 60 ppb

Was MCL Exceeded?:  No  Yes

### Bromate (Ozone Systems)

| Month    | ppb | Month     | ppb |
|----------|-----|-----------|-----|
| January  |     | July      |     |
| February |     | August    |     |
| March    |     | September |     |
| April    |     | October   |     |
| May      |     | November  |     |
| June     |     | December  |     |

#### Does your system use Chlorine Dioxide?

- No
- Yes

If yes, continue onto Chlorine Dioxide reporting sheet; MOR 007.

Notes: \_\_\_\_\_

(MCL:10ppb) Annual Avg: \_\_\_\_\_

Was MCL Exceeded?:  No  Yes

Type of monitoring:  Reduced  Routine

If on reduced monitoring, annual average of monthly bromide in source water? \_\_\_\_\_

Form: MOR-006 Rev B