

Surface Water Treatment Rule
System Type - SW and GUI unfiltered systems with multiple disinfectants

System Information

Treatment plant/pump station: _____

System Name: _____

Total Chlorine Residual in the distribution system

PWSID#: _____

a = _____ # of samples w/Cl₂ residual

Reporting period: _____

b = _____ # of samples where Cl₂ is not meas. but HPC's are

Signature: _____ Date: _____

c = _____ # of samples with Cl₂ not detected & HPC < 500

d = _____ # of samples with Cl₂ not detected & HPC > 500/mL

e = _____ # of samples where Cl₂ is not meas. & HPC > 500/mL

Free Chlorine Residual at Entry Point

$V = \frac{(c+d+e)}{(a+b)} \times 100$
 current month V = _____
 V for previous month = _____

Date	Daily min. mg/L	Date	Daily min. mg/L	Date	Daily min. mg/L
1		12		23	
2		13		24	
3		14		25	
4		15		26	
5		16		27	
6		17		28	
7		18		29	
8		19		30	
9		20		31	
10		21			
11		22			

Source Water Coliform

Cumulative number of months results reported: _____
 Coliform sampling type: Fecal Total
 Number of coliform samples taken in the past 6 months: _____
 Number of samples < 20/100 mL fecal or < 100/100 mL total: _____
 Percentage meeting limit: _____
 Is this < 90%? No Yes

Source Water Turbidity

Maximum turbidity for the current month: _____
 Turbidity values > 5 NTU in last 120 months _____
 Turbidity > 1 NTU this month _____

Continuous Monitoring? No Yes
 If no, enter the # of free chlorine residual measurements for the month: _____

Date	Value	Date reported	Date	Value

Contact the DWP within 24 hours at 287-2070 (afterhours pager 557-4214) if your system fails to meet disinfection or turbidity requirements.

Inactivation Ratios

- Giardia*
 Viruses

Are any inactivation ratios (CT_{calc}/CT_{99.9}) < 1.0?

- No
 Yes

Date	Disinfectant(s): →	peak flow (gpm)	Water Temp. (deg. C)	pH (chlorine only)	CT _{99.9}	CT _{calc} total	CT _{calc} /CT _{99.9} inactivation ratio	CT _{99.9}	CT _{calc} total	CT _{calc} /CT _{99.9} inactivation ratio	Total CT _{99.9} /CT _{calc} inactivation ratio
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											
29											
30											
31											