US Environmental Protection Agency Region 8

Drinking Water Section, 1595 Wynkoop Street, Denver, CO 80202-1129, R8DWU@epa.gov https://www.epa.gov/region8-waterops

<u>Disinfection Byproduct (DBP) Reporting Form for</u> Chlorite (ClO₂⁻)

F	PWS ID No:				STEM NAME:				
PREPA	RED DATE:		PREPARED BY:						
					TITLE:				
REPORTING	FPERIOD:								
Current Year:				Is your system collecting distribution samples monthly or quarterly?					
Month:				f quarterly, which month do you plan to collect your routine distribution samples?					
Report Due:									
DAILY MEA	SUREMEN								
	Water Treatment Plant			Distribution System (Whole System)					
	ClO ₂	Chlorite (ClO2)	Previous Day	Additional Samples	ClO ₂ - Near 1st	CIO ₂	ClO ₂ - Maximum Residence		
					Customer	Average Residence Time	Time Location	Potential MCL	Potential FTM
Day	Equipment in Use?	mg/L	over MCL?	Required?	mg/L	mg/L	mg/L	WCL Violation	Violation
Day	0.001	g		111111111111	g	g	g	Violation	v iolation
Maximum Distribution Samples (mg/L)									
Maximum Chlorite (ClQ') Residual Maximum Chlorite (ClQ') Violation						mg/L			
Distribution Chlorite (CIO) Manifesting Violation									

INSTRUCTIONS FOR COMPLETING

- 1. PWS ID No.: Enter the PWS ID assigned to your public water system
- 2. System Name: Enter the System Name
- 3. Prepared date: Enter the date that the final report is prepared.
- 4. Prepared by: Enter the name of the person completing the form
- 5. Title: Enter title/position of individual preparing the form
- 6. Reporting Period Year: Enter the year of the reporting period
- 7. Reporting Period Month: Select the month of the reporting period.
- 8. Report Due: The due date of the report will appear
- 9. Collecting samples monthly or quarterly question Indicate the US EPA approved distribution system monitoring frequency
- 10. If quarterly, which month is planned for samples question If on monthly, please select "N/A." Otherwise, select the appropriate month for the current quarte
- 11. Day: The day will automatically appear once the reporting period is entered above.
- 12. ClO2 Equipment in Use: If chlorine dioxide was added to the water at any time of the day, indicate "Yes". Otherwise, indicate "No."
- 13. Chlorite Point of Entry: Enter the point of entry chlorine dioxide measurement. Please note, chlorine in ClO2 has an oxidative state of 3.
- 14. Previous Day over MCL: This will indicate whether the previous day's samples were over 1.0 mg/L.
- 15. Distribution System Additional Samples: This will indicate whether the 3 samples throughout the distribution system are required.
- 16. CIO2 Near 1st Customer: If required, collect a sample near the 1st customer.
- 17. ClO2 Average Residence Time: If required, collect a sample near the middle of the distribution system, or the location of average water age for the distribution system.
- 18. CIO2 Maximum Residence Time: If required, collect a sample at the end of the distribution system, or the location of the oldest water age.
- 19. Potential MCL Violation: This column will indicate whether a potential violation has occurred.
- 20. Potential FTM Violation: This column will indicate whether a potential violation has occurred.