

## Please read before distributing your annual CCR “Water We Drink” Report

### Insert: Disinfectants - Maximum Residual Disinfectant Level (MRDL) and Disinfection By-products - Maximum Contaminant Level (MCL)

**Instructions:** For all systems which use Chlorine Dioxide as a disinfectant: You must report the highest daily chlorine dioxide disinfectant residual level result and range of results and you must report the highest arithmetic average of monthly sample sets (3 samples in distribution system) and range in a Table in your CCR as shown in the following examples. You must also add the appropriate health effects language to the report in the Health Effects Language Section if the Chlorine Dioxide MRDL or the Chlorite MCL was exceeded.

For all systems which use Ozone as a disinfectant: You must report the annual average bromate level result and range of individual results in a Table in your CCR as shown in the following examples. You must also add the appropriate health effects language to the report in the Health Effects Language Section if the bromate MCL was exceeded.

**Example Table (The below data is for example only and is not real data for the water system)**

Disinfectant/By-product	Date	Result	Unit	Range	MRDL or MCL	MRDLG or MCLG	Typical Source
Chlorine Dioxide	2021		ppb		800	800	Water additive used to control microbes
Chlorite	2021		ppm		1	0.8	By-product of drinking water disinfection
Bromate	2021		ppb		10	0	By-product of drinking water disinfection

Disinfectant/By-product	Result value	Health Effects Language if exceeded
Chlorine Dioxide MRDL	Highest daily value	Some infants and young children who drink water chlorine dioxide in excess of the MRDL could experience nervous system effects. Similar effects may occur in fetuses of pregnant women who drink water containing chlorine dioxide in excess of the MRDL. Some people may experience anemia.
Chlorite MCL	Highest arithmetic average of monthly sample sets (3 samples in distribution system)	Some infants and young children who drink water containing chlorite in excess of the MCL could experience nervous system effects. Similar effects may occur in fetuses of pregnant women who drink water containing chlorite in excess of the MCL. Some people may experience anemia.
Bromate MCL	Highest running annual arithmetic average, computed quarterly, of monthly samples	Some people who drink water of containing bromate in excess of the MCL over many years may have an increased risk of getting cancer.