

## CABINET MOUNTAINS WATER DIST 2010 WATER QUALITY REPORT DATA

### Microbiological Contaminants

	Highest # Positive In a Month	MCL	MCLG	Violation (Y/N)	Possible Source of Contamination
Total Coliform	0	> 1	0	N	Naturally present in the environment
Fecal Coliform or E. coli	0	*	0	N	Human and animal fecal waste
See Note #1					

### Lead/Copper

Contaminant	Date(s) Collected	90th Percentile	Action Level	MCLG	#of sites above Action Level	Violation Y/N	Possible Source of Contamination
Lead (ppb)	9/2010 10 samples	4	15	0	0	N	Corrosion of household plumbing systems; Erosion of natural deposits.
Copper (ppm)	9/2010 10 samples	0.085	1.3	1.3	0	N	Corrosion of household plumbing systems; Erosion of natural deposits.

### Inorganic Contaminants

Contaminant	Violation (Y/N)	MCL	MCLG	Lowest Level Detected:	Highest Level Detected:	Date Tested (mm/yy):	Typical Source of Contamination	Health Effects Language
Barium	N	2	2	0.05	0.05	10/06	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits	
Fluoride	N	4	4	0.3	0.3	10/06	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories	

### Notes:

1. In February of 2010, CMWD did not submit 2 coliform bacteria samples as required. During the month of February, chlorine levels were measured each day from 2 locations within the system. Since chlorine was detected each day in February, it is anticipated that no coliform bacteria was present that month. While chlorine was tested each day, chlorine was not tested for at locations where coliform bacteria should have been sampled if February, which is also a violation.

**Disinfection By-Products**

<b>Contaminant</b>	<b>Violation (Y/N)</b>	<b>MCL</b>	<b>MCLG</b>	<b>Highest Level Detected:</b>	<b>Running annual average</b>	<b>Range</b>	<b>Typical Source of Contamination</b>	<b>Health Effects Language</b>
Total Trihalomethanes	N	80	n/a	2.8	n/a	n/a	By product of drinking water disinfection	

<b>Maximum Residual Disinfection Level</b>	<b>Violation (Y/N)</b>	<b>MCL</b>	<b>MCLG</b>	<b>Highest Level Detected:</b>	<b>Typical Source of Contamination</b>	<b>Health Effects Language</b>
Chlorine	N	MRDL=4	n/a	0.67 (3/16/2009)	Water additive used to control microbes	See Note #1