

2016 WATER QUALITY REPORT FOR Montezuma Muni Water Supply

This report contains important information regarding the water quality in our water system. The source of our water is surface water. Our surface water is drawn from Diamond Lake.

Our water quality testing shows the following results:

CONTAMINANT	MCLG	MCL	DETECTED LEVEL	DATE SAMPLED	RANGE OF DETECTION	VIOLATION	SOURCE
Turbidity (NTU)	N/A	TT	.22 100% of the samples met requirements	2016	.01 - .22	No	Soil runoff
Copper (ppm)	1.3	AL=1.3	.0288	2014	ND - .0357	No	Corrosion of household plumbing systems; Erosion of natural deposits
Fluoride (ppm)	4	4	.73	2016	.60-.98	No	Water additive which promotes strong teeth; Erosion of natural deposits; Discharge from fertilizer and aluminum factories
Lead (ppb)	0	AL=15	3.00	2014	ND - 5	No	Corrosion of household plumbing systems; erosion of natural deposits
Nitrate [as N] (ppm)	10	10	2.90	2016	N/A	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
TTHM (ppb) [Total trihalomethanes]	N/A	80	24.00	3/31/2016	13-48	No	By-products of drinking water disinfection
Sodium (ppm)	N/A	N/A	9.5	1/04/2016	N/A	No	Erosion of natural deposits; Added to water during treatment process
Haloacetic Acids (HAA5) (ppb)	N/A	60	25.00	3/31/2016	19-32	No	By-products of drinking water disinfection
Chlorine (ppm)	MRDLG =4.0	MRDL=4.0	1.5	12/31/2016	.76-2.04	No	Water additive used to control microbes
Chlorine dioxide (ppb)	MRDLG =800	MRDL=800	205	2016	0 - 300	No	Water additive used to control microbes
Chlorite (ppm)	0.8	1.0	.56	2016	.36-.79	No	By-product of drinking water disinfection
Total Organic Carbon (TOC) (ppm)	N/A	TT 15%-35% Removal	55% Removal	2016	36%-69%	No	Naturally present in the Environment
Barium (ppm)	2	2	0.0537	1/07/2013	N/A	No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits

Note: Contaminants with dates indicate results from the most recent testing done in accordance with regulations.