

CEDARPINES PARK MUTUAL WATER COMPANY

2018 GROUNDWATER QUALITY MONITORING TABLE

PRIMARY STANDARDS - Mandatory, Health-Related Standards by the State of California, Department of Health Services.

	Violation	Units	MCLG	PHG	MCL	RANGE	# positive months		Likely Source of Detected Constituent
MICROBIOLOGICAL CONTAMINANTS			Total Coliform Bacteria						
Col. Bac.(% Test Positive)	No	%+	0	0	0	0	0	96 annually	Naturally present in the environment
No. of Acute Violations©	0	Units	0	0	0	0	0		

PRIMARY STANDARDS - Mandatory, Health-Related Standards by the State of California, Department of Health Services.

	Violation	Units	MCLG	PHG	MCL	RANGE	LEVEL	Date	Likely Source of Detected Constituent
INORGANIC CONTAMINANTS									
Aluminum	No	ppm	0.6	0.6	1	ND	ND	Jul-18	Erosion of natural deposits.
Nitrate (as NO3)	No	ppm	45	45	45	0.0-7.1	8.3	Mar-18	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits.
Nitrate + Nitrite as Nitrogen (N)	No	ppm	1 as N	1 as N	10	0-6.3	ND	Mar-18	septic tanks and sewage; erosion of natural deposits.

SECONDARY STANDARD - Aesthetic Standards Established by the State of California, Department of Health Services.

	Violation	Units	MCLG	PHG	MCL	RANGE	LEVEL	Date	Likely Source of Detected Constituent
Chloride	No	ppm	n/a	n/a	500	5.8-14	7.5	Apr-18	Runoff / leaching from natural deposits.
Hardness (CaCo3)	No	ppm	n/a	n/a	n/a	39-130	49	Mar-18	Leaching from natural deposits.
Sodium	No	ppm	n/a	n/a	n/a	9.5-12	13	Mar-18	Runoff / leaching from natural deposits.
Specific Conductance	No	umho/cm	n/a	n/a	1600	140-230	310	Mar-18	Substances that form ions when in water.
Sulfate	No	ppm	n/a	n/a	500	5.1-14	8.4	Apr-18	Runoff / leaching from natural deposits.
Total Dissolved Solids (TDS)	No	ppm	n/a	n/a	1000	100-190	200	Apr-18	Runoff / leaching from natural deposits.

ADDITIONAL CONSTITUENTS ANALYZED

	Violation	Units	MCLG	PHG	MCL	RANGE	LEVEL	Date	Likely Source of Detected Constituent
Color	No	units	n/a	n/a	15	<3.0	ND	Dec-18	Erosion of natural deposits.
Odor	No	units	n/a	n/a	3	0-1	1	Dec-18	Naturally-occurring organic materials
Turbidity	No	units	n/a	n/a	5	ND - 0.3	0.3	Oct-18	Soil runoff

UNREGULATED INORGANIC CONTAMINANTS

Vanadium	No	ppb	n/a	n/a	50	0-3.6	4.3	Mar-18	Erosion of natural deposits.
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LEAD + COPPER - Mandatory, Health-Related Standards by the State of California, Department of Health Services.

	Violation	Units	No. of Samples Collected	Activation Level	90th Percentile Level	No. of Samples Exceeding	MCLG	Date	Likely Source of Detected Constituent
Lead	No	ppb	10	AL=15	5	ND		Mar-18	Internal corrosion of household water systems; discharges from industrial manufacturers; erosion of natural deposits.
Copper	No	ppm	10	AL=1.3	0.5	ND		Mar-18	Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.

DISINFECTION BYPRODUCTS, DISINFECTANT RESIDUALS, AND DISINFECTION BYPRODUCT PRECURSORS

	Violation	Units	MCLG	PHG	MCL	RANGE	LEVEL	Date	Likely Source of Detected Constituent
TTHMs (Total Trihalomethanes)	No	ppb	n/a	n/a	80	ND-24.8	32.5	Dec-18	Byproduct of drinking water chlorination.
HAA5 (Halocetic Acids)	No	ppb	n/a	n/a	60	ND-6.5	4.7	Dec-18	Byproduct of drinking water chlorination.