

CEDARPINES PARK MUTUAL WATER COMPANY 2013 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	# of Months		Likely Source of Detected Constituent
MICROBIOLOGICAL CONTAMINANTS									
Total Coliform Bacteria									
Col. Bac. (% Test Positive)	No	%+	0	0	0	0	0		Naturally present in the environment
No. of Acute Violations©	0	Units	0	0	0	0	0	96 annually	

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	Violation	Units	MCLG	PHG	MCL	RANGE	LEVEL	Date	Likely Source of Detected Constituent
RADIOACTIVE CONTAMINANTS									
Gross Alpha Activity	No	pCi/l	0	n/a	15	9.5-9.8	9.65	Jan-11	Erosion of natural deposits.
Uranium	No	pCi/l	0.43	0.43	20	0.15	0.15	May-11	Erosion of natural deposits.
INORGANIC CONTAMINANTS									
Aluminum	No	ppm	0.6	0.6	1	ND	ND	Sept-11	Erosion of natural deposits.
Nitrate (as NO3)	No	ppm	45	45	45	0-9	5.32	Nov-12	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	ND	ND	Nov-12	Runoff and leaching from fertilizer use; leaching from 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
No									
Chloride	No	ppm	n/a	n/a	500	11	6.2	Oct-11	Runoff / leaching from natural deposits.
Hardness (CaCo3)	No	ppm	n/a	n/a	n/a	93	93	Oct-11	Leaching from natural deposits.
Sodium	No	ppm	n/a	n/a	n/a	10	10	Oct-11	Runoff / leaching from natural deposits.
Specific Conductance	No	umho/cm	n/a	n/a	1600	234	234	Oct-11	Substances that form ions when in water.
Sulfate	No	ppm	n/a	n/a	500	10	10	Oct-11	Runoff / leaching from natural deposits.
Total Dissolved Solids (TDS)	No	ppm	n/a	n/a	1000	148	148	Oct-11	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	<3.0	Jul-13	Erosion of natural deposits.
Odor	No	units	n/a	n/a	3	1	<1.0	Jul-13	Naturally-occurring organic materials
Turbidity	No	units	n/a	n/a	5	ND - .2	0.11	Jul-13	Soil runoff

UNREGULATED INORGANIC CONTAMINANTS

Vanadium	No	ppb	n/a	n/a	50	3.3	3.3	Oct-11	
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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	90th Percentile Activation Level	No. of Samples Exceeding MCLG	MCLG	Date	Likely Source of Detected Constituent
Lead	No	ppb	10	AL=15	13	ND	Jul-13	Internal corrosion of household water systems; discharges from industrial manufacturers; erosion of natural deposits.
Copper	No	ppm	10	AL=1.3	0.56	0	Jul-13	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	0-28.6	9.32	Dec-13	Byproduct of drinking water chlorination.
HAA5 (Halocetic Acids)	No	ppb	n/a	n/a	60	0-4.6	0.98	Dec-13	Byproduct of drinking water chlorination.