

**Rimforest Water System
CRESTLINE-LAKE ARROWHEAD WATER AGENCY
WATER QUALITY DATA 2011**

TEST RESULTS						
Contaminant	Average Level Detected	Range Of Levels Detected	Units	MCL	PHG	Major Sources in Drinking Water
PRIMARY STANDARDS						
Turbidity	.09	0-6	TT	5	N/A	Soil runoff
The TT requirement is: at least 95% of samples must be less than 0.3 NTU. *						
Total Trihalomethanes	23	7-46.9	uG/l	80	N/A	By-product of drinking water disinfection
Haloacetic Acids	3	0-7.6	uG/l	60	N/A	Byproduct of drinking water disinfection
Inorganic Chemicals						
Aluminum	57.25	0-230	ug/l	200	60	Erosion of natural deposits; residue from some surface water treatment processes
Fluoride (naturally occurring)	.01	0-.11	mg/l	2	1	Erosion of natural deposits; water additive that promotes strong teeth; discharge from fertilizer and aluminum factories
Nitrate (as NO3)	1.09	0-3	ug/l	45	45	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits
SECONDARY STANDARDS						
Chloride	47.44	32-90	mg/l	500	N/A	Runoff/leaching from natural deposits; seawater influence
Manganese	4.63	0-74	ug/l	50	N/A	Leaching from natural deposits
Sulfate	37.56	30-46	mg/l	500	N/A	Runoff/leaching from natural deposits; industrial wastes
Total Dissolved Solids (TDS)	216.25	170-310	mg/l	1000	N/A	Erosion of natural deposits
OTHER CONSTITUENTS						
Sodium	40.69	33-58	mg/l	N/A	N/A	"Sodium" refers to the salt present in the water and is generally naturally occurring
Total Hardness	100	88-120	mg/l	N/A	N/A	"Hardness" is the sum of polyvalent cations present in the water, generally magnesium and calcium. The cations are usually naturally occurring.
Iron	9.38	0-150	ug/l	300	N/A	Leaching from natural deposits; industrial wastes
Odor - Threshold	1	1-1	TON	3	N/A	Naturally- occurring organic materials
Unregulated Contaminants						
Boron	26.88	0-130	uG/l	1,000	N/A	Erosion of natural deposits
Vanadium	1.61	0-5	uG/l	50	N/A	Erosion of natural deposits
pH	7.75	7.5-8	Unit	6.5-8.5	N/A	

*Turbidity is monitored continuously because it is a good indicator of the effectiveness of our treatment system. Turbidity measures the cloudiness of water. The Agency uses a conventional treatment process to reduce turbidity.