CRESTLINE-LAKE ARROWHEAD WATER AGENCY
WATER QUALITY DATA 2008

TEST RESULTS						
Contaminant	**Average Level Detected**	**Range Of Levels Detected**	**Units**	**MCL**	**PHG**	**Major Sources in Drinking Water**
PRIMARY STANDARDS						
Turbidity	0.01	0-.1	NTU	0.3	NS	Soil runoff
The TT requirement is: at least 95% of samples must be less than 0.3 NTU. 100% of our samples were less than 0.3 NTU *						
Total Trihalomethanes	16	0-62	uG/l	80	NS	By-product of drinking water chlorination
Haloacetic Acids	3	0-11	uG/l	60	NS	By-product of drinking water disinfection
Inorganic Chemicals						
Aluminum	.101	0-.200	mg/l	1	.6	Erosion of natural deposits; residue from some surface water treatment processes
Fluoride	.14	.1-.14	mg/l	2	1	Erosion of natural deposits; water additive that promotes strong teeth; discharge from fertilizer and aluminum factories
Nitrate (as NO3)	3.48	2.5-4.9	mg/l	45	45	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits
SECONDARY STANDARDS						
Chloride	82.44	77-88	mg/l	500	NS	Erosion of natural deposits
Manganese	1.69	0-27	uG/l	50	NS	Leaching from natural deposits
Sulfate	58	50-64	mg/l	500	NS	Erosion of natural deposits
Total Dissolved Solids (TDS)	326.25	250-390	mg/l	1000	NS	Erosion of natural deposits
OTHER CONSTITUENTS						
Sodium	70.75	60-78	mg/l	NS	NS	Erosion of natural deposits
Total Hardness	107.13	92-120	mg/l	NS	NS	Erosion of natural deposits
Odor - Threshold	1	1-1	TON	3	NS	Naturally occurring organic materials
Unregulated Contaminants				**AL**		
Boron	173.75	100-240	uG/l	1,000	NS	Erosion of natural deposits
Vanadium	2.61	0-5.4	uG/l	50	NS	Erosion of natural deposits
pH	7.8	7.4-8	Unit	6.5-8.5	NS	

*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.