

**CRESTLINE-LAKE ARROWHEAD WATER AGENCY
WATER QUALITY DATA 2016**

| TEST RESULTS | | | | | | |
|---------------------------------|------------------------|--------------------------|-------|---------|-----|---|
| Contaminant | Average Level Detected | Range Of Levels Detected | Units | MCL | PHG | Major Sources in Drinking Water |
| PRIMARY STANDARDS | | | | | | |
| Total Trihalomethanes* | 46.00* | 6.6-40.2 | uG/l | 80 | N/A | By-product of drinking water disinfection |
| Haloacetic Acids* | 7.00* | 1.3-6.8 | uG/l | 60 | N/A | Byproduct of drinking water disinfection |
| Inorganic Chemicals | | | | | | |
| Fluoride (naturally occurring) | .08 | 0-.17 | mg/l | 2 | 1 | Erosion of natural deposits; water additive that promotes strong teeth; discharge from fertilizer and aluminum factories |
| Nitrate (as NO3) | .33 | 0-.75 | mg/l | 45 | 45 | Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits |
| SECONDARY STANDARDS | | | | | | |
| Chloride | 95.00 | 72-120 | mg/l | 500 | N/A | Runoff/leaching from natural deposits; seawater influence |
| Sulfate | 66.94 | 39-93 | mg/l | 500 | N/A | Runoff/leaching from natural deposits; industrial wastes |
| Total Dissolved Solids (TDS) | 337.50 | 290-410 | mg/l | 1000 | N/A | Erosion of natural deposits |
| OTHER CONSTITUENTS | | | | | | |
| Sodium | 81.44 | 69-98 | mg/l | N/A | N/A | "Sodium" refers to the salt present in the water and is generally naturally occurring |
| Total Hardness | 103.00 | 87-110 | 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. |
| Odor - Threshold | 1 | 1-1 | TON | 3 | N/A | Naturally- occurring organic materials |
| Unregulated Contaminants | | | | | | |
| Boron | 188.13 | 0-250 | uG/l | 1,000 | N/A | Erosion of natural deposits |
| Vanadium | 1.30 | 0-4.7 | uG/l | 50 | N/A | Erosion of natural deposits |
| pH | 8.04 | 7.8-8.3 | Unit | 6.5-8.5 | N/A | |

*Total Trihalomethanes and Haloacetic Acids are reported as the Highest Locational Running Annual Average.