

# Arrowhead Villas Mutual Service Company

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## Water Quality Data for 2016

Chemical or Contaminant	Violation Yes/No	Average Level Detected	Range of Levels Detected	MCL	PHG (MCLG)	Typical Source of Contaminant
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### PRIMARY STANDARDS

Turbidity (TT)	NO	0.1	.1 - .3	0.3	N/A	Soil Runoff
Total Trihalomethanes (uG/l)	NO	4.55	0-9.1	80	NS	By-product of disinfection
Haloacetic Acids (uG/l)	NO	ND	ND	60	NS	By-product of disinfection

### SECONDARY STANDARDS

Chloride (mg/l)	NO	19	14 - 24	500	NS	Runoff: leaching from natural deposits
Sulfate (mg/l)	NO	8.5	7.6 - 9.4	500	NS	Runoff: leaching from natural deposits
Total Dissolved Solids (TDS)	NO	195	180 - 210	1000	NS	Runoff: leaching from natural deposits

### INORGANIC CHEMICALS

Aluminum (mg/l)	NO	ND	0	1	0.6	Erosion of natural deposits: residue from surface water treatment processes
Nitrate (as NO <sub>3</sub> ) (mg/l)	NO	5.63	3.1-8.4	45	45	Runoff and leaching from fertilizer use: leaching from septic tanks and sewage: erosion of natural deposits

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RADIOACTIVE CONTAMINANTS

Uranium (pCi/l)	NO	13	13 - 32	20	0.43	Erosion of natural deposits
Gross Alpha (pCi/l)	NO	9.8	9-19	15	0.05	Erosion of natural deposits

OTHER CONSTITUENTS

Sodium (mg/l)	NO	9.35	9.1 - 9.6	NS	NS	Erosion of natural deposits
Total Hardness (mg/l)	NO	125	110 - 140	NS	NS	Erosion of natural deposits

Chemical or Contaminant	Required Sampling Frequency	Number of Samples Taken	When all samples should have been taken	When samples were or will be taken
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LEAD/COPPER	10 samples every 3 years	10	7/1/2015	7/1/2015
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