

2016 WATER QUALITY REPORT FOR ALBURNETT WATER SUPPLY

This report contains important information regarding the water quality in our water system. The source of our water is groundwater. Our water quality testing shows the following results:

CONTAMINANT	MCL - (MCLG)	Compliance		Date	Violation Yes/No	Source
		Type	Value & (Range)			
Copper (ppm)	AL=1.3 (1.3)	90th	0.238 (0.0682 - 0.260)	2016	No	Corrosion of household plumbing systems; Erosion of natural deposits; Leaching from wood preservatives
Lead (ppb)	AL=15 (0)	90th	4.00 (ND - 5)	2016	No	Corrosion of household plumbing systems; erosion of natural deposits
950 - DISTRIBUTION SYSTEM						
Chlorine (ppm)	MRDL=4.0 (MRDLG=4.0)	RAA	1.8 (0.69 - 2.19)	12/31/2016	No	Water additive used to control microbes
01 - WELL HOUSE TAP, #1						
Combined Radium (pCi/L)	5 (0)	SGL	1.68	03/14/2012	No	Erosion of natural deposits
Barium (ppm)	2 (2)	SGL	0.121	08/27/2013	No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Fluoride (ppm)	4 (4)	SGL	0.2	08/27/2013	No	Water additive which promotes strong teeth; Erosion of natural deposits; Discharge from fertilizer and aluminum factories
Sodium (ppm)	N/A (N/A)	SGL	9.8	09/22/2016	No	Erosion of natural deposits; Added to water during treatment process
02 - WELL HOUSE TAP, #2						
Gross Alpha, inc (pCi/L)	15 (0)	SGL	5.4	01/20/2015	No	Erosion of natural deposits
Combined Radium (pCi/L)	5 (0)	SGL	3.3	01/20/2015	No	Erosion of natural deposits
Fluoride (ppm)	4 (4)	SGL	0.2	08/27/2013	No	Water additive which promotes strong teeth; Erosion of natural deposits; Discharge from fertilizer and aluminum factories
Barium (ppm)	2 (2)	SGL	0.173	08/27/2013	No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Sodium (ppm)	N/A (N/A)	SGL	9.4	09/22/2016	No	Erosion of natural deposits; Added to water during treatment process
03 - WELL HOUSE TAP, #3						
Sodium (ppm)	N/A (N/A)	SGL	7.8	06/14/2016	No	Erosion of natural deposits; Added to water during treatment process

Note: Contaminants with dates indicate results from the most recent testing done in accordance with regulations.

DEFINITIONS

- Maximum Contaminant Level (MCL) – The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.
- Maximum Contaminant Level Goal (MCLG) -- The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

