MOAB IRRIGATION DISTRICT #20

Annual Drinking Water Quality Report

2017 WATER QUALITY TESTING YOUR TAP WATER IS SAFE TO DRINK!

Mandatory Health-Related Standards Are Established by the Washington State Department of Health

ParameterUnit of Measure	MCL	MCLG	Highest Detected Level Wellfield 1	Likely Source of Contamination
Microbiology				
24 Tests were taken during this reporting period				Coliforms are bacteria that are naturally present in the environment and are
Total Coliform Bacteria	0	0	0 test positive	used as an indicator that other, potentially-harmful, bacteria may be present such as human and animal fecal waste. A violation occurs when a routine sample and a repeat sample, in any given month, are total coliform positive,
			for total coliform	and one is also fecal coliform or E. coli positive.
Inorganic Chemicals				
I.O.C.'s ppm			No Constituents Detected	Tested Aug. 2017
Nitrate ppm	10	10	1.8 mg/L - MCL 10	Runoff from fertilizer use; leaching from septic tanks,
			Tested July 2017	sewage; erosion of natural deposits.
Synthetic Organic Chemicals				
S.O.C.'s ppb			No Constituents Detected	Tested April 2009
Trihalomethanes and Haloacetic Acids ppm	80	80	4 tests - 0 MCL exceeded	Disinfections Bi-Products - Chemical compounds created by the degradation of chlorine used for disinfection of water. Tested Sept 2017
Volatile Organic Che	micals			
V.O.C.'s ppb	0.5	0.5	No Constituents Detected	Tested Sept. 2016
Lead and Copper				
Lead0015 mg/L Copper - 1	1.3 mg/L		No home tested over MCL	10 homes tested on Aug. 17, 2017

Abbreviations ppm = parts per million ppb = parts per billion

Notes:

Maximum Contaminant Level or MCL: The highest level of a contaminant that is allowed in drinking water.

Maximum Contaminant Level Goal or MCLG: The level of a contaminant in drinking water below which there is no known or expected risk to health.

Federal Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

MCL's are set at very stringent levels. To understand the possible health effects described from the many regulated constituents, a person would have to drink 2 liters of water every day at the MCL level for a lifetime to have a one-in-a-million chance of having the described health effect.

EPA's hotline number 1-800-426-4791

We at Moab Irrigation District #20 work around the clock to provide top quality water to every tap. We ask all our customers to help us protect our water sources, which are the heart of our community, our way of life and our children's future.

FROM YOUR WATER UTILITY MOAB Irrigation District #20

Phone: (509) 226-0545 District Manager: Scott Inch Regular Scheduled Board Meetings are every 3rd Tuesday @ 3:00 PM

As you can see by the table, our system had no violations above the allowed Maximum Contaminant Levels. We're proud that your drinking water meets or exceeds all Federal and State requirements. The EPA has determined that