

	MRDL	MRDLG	MCL	MCLG	Our Water	Range of Detections	Sample Date	Violation	Typical Source of Contaminant
Detected at the Plant									
barium	N/A	N/A	2 ppm	2 ppm	0.04 ppm	N/A	6/12/2017	no	erosion of natural deposits
nitrate	N/A	N/A	10 ppm	10 ppm	2.5 ppm	0 - 2.5 ppm	6/10/2019 6/17/2019	no	runoff from fertilizer use, leaching from septic tanks, sewage
Radionuclides									
gross alpha	N/A	N/A	15 pCi/L	0	0.9 pCi/L	0.4-0.9 pCi/L	5/9/2011 6/28/2011	no	decay of natural and man-made deposits
radium 226	N/A	N/A	5 pCi/L	0	0.2 pCi/L	0.2 pCi/L	5/9/2011 6/28/2011	no	decay of natural and man-made deposits
radium 228	N/A	N/A	5 pCi/L	0	0.1pCi/L	0-0.1 pCi/L	5/9/2011 6/28/2011	no	decay of natural and man-made deposits
Detected at consumer's homes									
lead ^{1,2}	N/A	N/A	AL 15 ppb	0	4 ppb	1 out of 11 samples were above the AL	8/29/2018 9/18/2018	no	erosion of natural deposits, corrosion of household plumbing systems
copper ¹	N/A	N/A	AL 1.3 ppm	1.3 ppm	0.59 ppm	1 out of 11 samples were above the AL	8/29/2018 9/18/2018	no	erosion of natural deposits, corrosion of household plumbing systems
total haloacetic acids	N/A	N/A	60 ppb	N/A	1 ppb	1 ppb	6/10/2019	no	chlorination by-product
total trihalomethanes	N/A	N/A	80 ppb	N/A	3.1 ppb	3.1 ppb	6/10/2019	no	chlorination by-product
chlorine	4 ppm	4 ppm	N/A	N/A	0.18 ppm	0.05 - 0.34 ppm	2 / month	no	water additive to control microbes
Volatile Organic Contaminants									
cis-1,2 Dichloroethylene	N/A	N/A	70 ppb	0	0.5 ppb	0 - 0.5 ppb	6/17/2019	no	discharge from industrial chemical factories
Unregulated Contaminants									
sodium ³	N/A	N/A	N/A	N/A	11 ppm	6 - 11 ppm	6/10/2019	no	naturally present in groundwater
<p>¹ Lead and copper results list the number of samples that exceeded the action level, rather than the range detected.</p> <p>² If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. The City of Litchfield is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead.</p> <p>³ Sodium is considered special monitoring-there is no MCL associated with it. Sodium monitoring is required to inform the residents and the local health department of sodium levels in the community.</p>									