

NEVADA PWS
Public Water System ID Number: MO5010562
2020 Annual Water Quality Report
(Consumer Confidence Report)

Contaminants Report

NEVADA PWS will provide a printed hard copy of the CCR upon request. To request a copy of this report to be mailed, please call us at 417-448-5117. The CCR can also be found on the internet at www.dnr.mo.gov/ccr/MO5010562.pdf.

The state has reduced monitoring requirements for certain contaminants to less often than once per year because the concentrations of these contaminants are not expected to vary significantly from year to year. Records with a sample year more than one year old are still considered representative. No data older than 5 years need be included. If more than one sample is collected during the monitoring period, the Range of Sampled Results will show the lowest and highest tested results. The Highest Test Result, Highest LRAA, or Highest Value must be below the maximum contaminant level (MCL) or the contaminant has exceeded the level of health based standards and a violation is issued to the water system.

Regulated Contaminants

Regulated Contaminants	Collection Date	Highest Test Result	Range of Sampled Result(s) (low - high)	Unit	MCL	MCLG	Typical Source
BARIUM	3/15/2019	0.0215	0.0215	ppm	2	2	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
FLUORIDE	3/15/2019	0.21	0.21	ppm	4	4	Natural deposits; Water additive which promotes strong teeth
NITRATE-NITRITE	3/20/2020	0.015	0.015	ppm	10	10	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits

Disinfection Byproducts	Sample Point	Monitoring Period	Highest LRAA	Range of Sampled Result(s) (low - high)	Unit	MCL	MCLG	Typical Source
TTHM	DBPDUAL-01	2020	4	4.35 - 4.35	ppb	80	0	Byproduct of drinking water disinfection

Lead and Copper	Date	90th Percentile: 90% of your water utility levels were less than	Range of Sampled Results (low - high)	Unit	AL	Sites Over AL	Typical Source
COPPER	2017 - 2019	0.0339	0.00714 - 0.0632	ppm	1.3	0	Corrosion of household plumbing systems

Radionuclides	Collection Date	Highest Value	Range of Sampled Result(s)	Unit	MCL	MCLG	Typical Source
COMBINED RADIUM (-226 & -228)	5/21/2020	2.7	2.7	pCi/l	5	0	Erosion of natural deposits
RADIUM-226	5/21/2020	2.7	2.7	pCi/l	5	0	

Violations and Health Effects Information

During the 2020 calendar year, we had the below noted violation(s) of drinking water regulations.

Compliance Period	Analyte	Type
No Violations Occurred in the Calendar Year of 2020		

Special Lead and Copper Notice:

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. NEVADA PWS 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 (800-426-4791) or at <http://water.epa.gov/drink/info/lead/index.cfm>.

All contaminant sample results from past and present compliance monitoring are available online at the Missouri DNR Drinking Water Watch website at www.dnr.mo.gov/DWWW/. To see the Lead and Copper results, enter your water system's name in the box titled Water System Name, then select Find Water Systems at the bottom of the page. On the next screen, click on the Water System Number. At the top of the next page, under the Help column, click on Other Chemical Results by Analyte. Scroll down to Lead and click the blue Analyte Code (1030). A Sample Collection Date range may need to be entered. The Lead and Copper locations will be displayed under the heading Sample Comments. Scroll to find your location and click on the Sample No. for results. If you assisted the water system in taking a Lead and Copper sample but cannot find your location on the list, please contact NEVADA PWS for your results.

Optional Monitoring (not required by EPA) Optional Contaminants

Monitoring is not required for optional contaminants.

Secondary Contaminants	Collection Date	Your Water System Highest Sampled Result	Range of Sampled Result(s) (low - high)	Unit	SMCL
ALKALINITY, CaCO3 STABILITY	4/08/2020	44	32-44	MG/L	
CALCIUM	4/08/2020	25.6	21.6-25.6	MG/L	
CHLORIDE	4/08/2020	185	170-185	MG/L	250
HARDNESS, CARBONATE	4/08/2020	120	98-120	MG/L	
IRON	3/15/2019	0.00825	0.00825	MG/L	0.3
MAGNESIUM	3/15/2019	10.6	10.6	MG/L	
PH	4/08/2020	8.83	8.61-8.83	PH	8.5
POTASSIUM	3/15/2019	2.95	2.95	MG/L	
SODIUM	3/15/2019	103	103	MG/L	
SULFATE	3/15/2019	62.7	62.7	MG/L	250
TDS	4/08/2020	457	404-457	MG/L	500
ZINC	3/15/2019	0.00417	0.00417	MG/L	5

Secondary standards are non-enforceable guidelines for contaminants that may cause cosmetic effects (such as skin or tooth discoloration) or aesthetic effects (such as taste, odor or color) in drinking water. EPA recommends these standards but does not require water systems to comply.