

# 2020 ANNUAL WATER QUALITY REPORT

## VILLAGE OF LOOMIS

301 COMMERCIAL ST.

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In accordance with the Nebraska's Regulations Governing Public Water Supply Systems (*Title 179 NAC 14*), the Village of Loomis is required to distribute annually it's Water Quality Reports. The 2020 Annual Water Quality Report for the Village of Loomis is now available and attached, but will not be mailed. If interested in obtaining a copy of this report, please call the number listed above or stop by the village office at the address also listed above.



**TEST RESULTS**

Microbiological	Highest No. of Positive Samples	MCL	MCLG	Likely Source Of Contamination	Violations Present		
COLIFORM (TCR)	In the month of October, 3 sample(s) were positive	Treatment Technique Trigger	0	Naturally present in the environment	No		
Lead and Copper	Monitoring Period	90 <sup>th</sup> Percentile	Range	Unit	AL	Sites Over AL	Likely Source Of Contamination
COPPER, FREE	2016 - 2018	0.335	0.0341 - 0.504	ppm	1.3	0	Erosion of natural deposits; Leaching from wood preservatives; Corrosion of household plumbing.
LEAD	2016 - 2018	3.49	0 - 4.09	ppb	15	0	Erosion of natural deposits; Leaching from wood preservatives; Corrosion of household plumbing.

Regulated Contaminants	Collection Date	Highest Value	Range	Unit	MCL	MCLG	Likely Source Of Contamination
ARSENIC	11/18/2020	2.61	2.61	ppb	10	0	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes.
BARIUM	10/22/2018	0.0841	0.0841	ppm	2	2	Discharge from drilling wastes; Discharge from metal refineries; Erosion of natural deposits.
CHROMIUM	10/22/2018	3.72	3.72	ppb	100	100	Discharge from steel and pulp mills; Erosion of natural deposits.
NITRATE-NITRITE	7/20/2020	10	5.51 - 10	ppm	10	10	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
SELENIUM	10/22/2018	5.52	5.52	ppb	50	50	Erosion of natural deposits

Radiological Contaminants	Collection Date	Highest Value	Range	Unit	MCL	MCLG	Likely Source Of Contamination
GROSS ALPHA, INCL. RADON & U	4/24/2019	10.6	10.6	pCi/L	15	0	Erosion of natural deposits

Unregulated Water Quality Data	Collection Date	Highest Value	Range	Unit	Secondary MCL
SULFATE	1/7/2019	78.6	55.1 - 78.6	mg/L	250

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

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

The Village Of Loomis has taken the following actions to return to compliance with the Nebraska Safe Drinking Water Act:

**Additional Required Health Effects Language:**  
 Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other potentially harmful bacteria may be present. Coliforms were found in more samples than allowed and this was a warning of potential problems.

There are no additional required health effects violation notices.

During the past year, we were required to conduct one Level 1 assessment. One Level 1 assessment was completed. In addition, we were required to take one corrective action and we completed that action.

Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially harmful, waterborne pathogens may be present or that a potential pathway exists through which contamination may enter the drinking water distribution system. We found coliforms indicating the need to look for potential problems in water treatment or distribution. When this occurs, we are required to conduct assessment(s) to identify problems and to correct any problems that were found during these assessments.