Village Of Platte Center

TEST RESULTS

Date Printed: 3/8/2023

NE3114101

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	Yes

Lead and Copper	Monitoring Period	90th Percentile	Range	Unit	AL	Sites Over AL	Likely Source of Contamination
COPPER, FREE	2018 - 2020	0.433	0.00666 - 0.753	ppm	1.3	0	Erosion of natural deposits; Leaching from wood preservatives; Corrosion of household plumbing.
LEAD	2018 - 2020	1.34	0 - 1.54	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	8/24/2022	4.86	4.86	ppb	10	0	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes.
BARIUM	10/13/2020	0.162	0.162	ppm	2	2	Discharge from drilling wastes; Discharge from metal refineries; Erosion of natural deposits.
CHROMIUM	10/13/2020	2.22	2.22	ppb	100	100	Discharge from steel and pulp mills; Erosion of natural deposits.
FLUORIDE	10/13/2020	0.24	0.24	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; Fertilizer discharge.
NITRATE-NITRITE	6/21/2022	0.781	0.682 - 0.781	ppm	10	10	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
SELENIUM	10/13/2020	4.64	4.64	ppb	50	50	Erosion of natural deposits
URANIUM MASS	9/5/2018	5.4	5.14 - 5.4	ug/L	30	0	Erosion of natural deposits

Radiological Contaminants	Collection Date	Highest Value	Range	Unit	MCL	MCLG	Likely Source of Contamination
COMBINED RADIUM (-226 & -228)	8/16/2022	0.89	0.282 - 0.89	pCi/L	5	0	Erosion of natural deposits
COMBINED URANIUM	7/23/2018	4.49	3.87 - 4.49	pCi/l		0	Erosion of natural deposits
GROSS ALPHA, INCL. RADON & U	10/26/2022	4.24	0 - 4.24	pCi/L	15	0	Erosion of natural deposits
RADIUM-226	10/26/2022	0.282	0 - 0.282	pCi/L		0	Erosion of natural deposits.
RADIUM-228	8/16/2022	0.89	0 - 0.89	pCi/L		0	Erosion of natural deposits

Unregulated Water Quality Data	Collection Date	Highest Value	Range	Unit	Secondary MCL
SULFATE	12/16/2020	23.2	23.2	mg/L	250

During the 2022 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 2022			

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

There are no additional required health effects notices.

There are no additional required health effects violation notices.

During the past year, we were required to conduct one Level 1 assessment(s). We completed one Level 1 assessment(s). In addition, we were required to take one corrective action(s) and we completed one action(s).

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.