Microbiological Hig	Highest Number of Positive Samples	ositive Samples		M	MCL			<b>X</b>	MCLG L	Likely Source of Contamination	ination	Violations Present
sults w	Found in the Calen	dar Year of 2024										
Lead and Copper Mor	Monitoring Period	90th Percentile	Range	Unit	AL	Sites C	Sites Over AL	Likely S	ource of	kely Source of Contamination		
	2021 - 2023	0.5075	- 0.696	ppm	1.3	0		Erosion	Erosion of natural de household plumbing.	osion of natural deposits; Leaching from wood preservatives; Corrosion of usehold plumbing.	wood pres	servatives; Corrosion of
LEAD 202	2021 - 2023	6.15	0 - 9.1	ppb	15	0		Erosion	Erosion of natural del household plumbing.	osion of natural deposits; Leaching from wood preservatives; Corrosion of usehold plumbing.	wood pre	servatives; Corrosion of
Regulated Contaminants	Collection Date	e Highest Value	Range	Unit	t MCL	Н	MCLG	Likely Sou	rce of Co	y Source of Contamination		
ARSENIC	8/20/2024	5.2	5.2	ppb	b 10		0	Erosion of natural deposits; rue electronics production wastes	natural de productio	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes.	ards; runof	ff from glass and
BARIUM	10/18/2023	0.142	0.142	ppm	Э 2		2	Discharge from natural deposits	from drilli osits.	Discharge from drilling wastes; Discharge from metal refineries; Erosion of natural deposits.	m metal r	efineries; Erosion of
CHROMIUM	10/18/2023	2.1	2.1	ppb		100	100	Discharge	from stee	Discharge from steel and pulp mills; Erosion of natural deposits	of natural	deposits.
FLUORIDE	10/18/2023	0.257	0.257	ppm	В 4		4	Erosion of natural of Fertilizer discharge.	natural de scharge.	Erosion of natural deposits; water additive which promotes strong teeth; -ertilizer discharge.	nich promo	otes strong teeth;
NITRATE-NITRITE	10/29/2024	1.54	0.777 - 1.54	ppm	m 10		10	Runoff from fer natural deposits	n fertilizei osits	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits	tic tanks, s	sewage; Erosion of
SELENIUM	10/18/2023	5.5	5.5	ppb	b 50		50	Erosion of natural deposits	natural de	eposits		
Radiological Contaminants	ıts	Collection Date	Highest Value	e Range	nge		Unit	MCL	MCLG	Likely Source of Contamination	taminatio	ň
COMBINED RADIUM (-226 & -228)	6 & -228)	4/18/2023	1.028	0 0	0 - 1.028		pCi/L	1 5	0	Erosion of natural deposits	osits	
RADIUM-226	-	4/18/2023	0.309	0 -	0 - 0.309		pCi/L		0	Erosion of natural deposits.	osits.	
RADIUM-228		4/18/2023	0.719	0 -	0-0.719		pCi/L		0	Erosion of natural deposits	osits	
<b>Unregulated Water Quality Data</b>	ty Data	C	Collection Date			Highe	Highest Value		Range	Unit		Secondary MCL
SULFATE		11	11/9/2023			24.5			24.5	mg/L		250
During the 2024 calendar year, we had the below noted violation(s) of drinking water regulations	ear, we had the b	elow noted violatio	n(s) of drinking w	ater regu	ılations							
Violation Type		Cate	Category			Analyte	te			0	compliance	Compliance Period
No Violations Occurred in the Calendar Year of 2024	the Calendar Year c		á									
The Village of Platte Center has taken the following actions to return to compliance with the Nebraska Safe Drinking	r has taken the fol	llowing actions to r	eturn to complian	ce with t	he Neb	raska S	afe Drin	king Water Act:	Act.			

The Village of Platte Center has taken the following actions to return to compliance with the Nebraska sale prinking water Act:

## Additional Required Health Effects Language:

While your drinking water meets EPA's standard for arsenic, it does contain low levels of arsenic. EPA's standard balances the current understanding of arsenic's possible health effects against the costs of removing arsenic from drinking water. EPA continues to research the health effects of low levels of arsenic which is a mineral known to cause cancer in humans at high concentrations and is linked to other health effects such as skin damage and circulatory problems.

There are no additional required health effects violation notices.

The Village of Platte Center lead service line inventory has been prepared and can be accessed here: