

2022 WATER QUALITY REPORT FOR ANDREW WATER SUPPLY

This report contains important information regarding the water quality in our water system. The source of our water is groundwater. Our water quality testing shows the following results:

CONTAMINANT	MCL - (MCLG)	Compliance		Date	Violation Yes/No	Source
		Type	Value & (Range)			
Lead (ppb)	AL=15 (0)	90th	1.70 (ND - 2)	2021	No	Corrosion of household plumbing systems; erosion of natural deposits
Copper (ppm)	AL=1.3 (1.3)	90th	0.536 (0.149 - 0.826)	2021	No	Corrosion of household plumbing systems; Erosion of natural deposits; Leaching from wood preservatives
950 - DISTRIBUTION SYSTEM						
Chlorine (ppm)	MRDL=4.0 (MRDLG=4.0)	RAA	2.18 (1.52 - 3)	06/30/2021	No	Water additive used to control microbes
Total Trihalomethanes (ppb) [TTHM]	80 (N/A)	SGL	6.34	08/20/2019	No	By-products of drinking water chlorination
Total Haloacetic Acids (ppb) [HAA5]	60 (N/A)	SGL	12.00	08/20/2019	No	By-products of drinking water disinfection
01 - TAP IN FIRE HOUSE, #2 (1978)						
Gross Alpha, inc (pCi/L)	15 (0)	SGL	3.9	10/16/2018	No	Erosion of natural deposits
Combined Radium (pCi/L)	5 (0)	SGL	2.8	11/05/2019	No	Erosion of natural deposits
Fluoride (ppm)	4 (4)	SGL	0.8	04/27/2021	No	Water additive which promotes strong teeth; Erosion of natural deposits; Discharge from fertilizer and aluminum factories
Barium (ppm)	2 (2)	SGL	0.0453	04/27/2021	No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Selenium (ppb)	50 (50)	SGL	2.20	04/27/2021	No	Discharge from petroleum and metal refineries; Erosion of natural deposits; Discharge from mines
Sodium (ppm)	N/A (N/A)	SGL	95.8	04/27/2021	No	Erosion of natural deposits; Added to water during treatment process
Nitrate [as N] (ppm)	10 (10)	SGL	1.000	2021	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
02 - SAMPLE TAP FOR WELL #3 (2002)						
Selenium (ppb)	50 (50)	SGL	1.30	05/20/2020	No	Discharge from petroleum and metal refineries; Erosion of natural deposits; Discharge from mines
Fluoride (ppm)	4 (4)	SGL	0.6	05/20/2020	No	Water additive which promotes strong teeth; Erosion of natural deposits; Discharge from fertilizer and aluminum factories
Barium (ppm)	2 (2)	SGL	0.0404	05/20/2020	No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Sodium (ppm)	N/A (N/A)	SGL	104	05/20/2020	No	Erosion of natural deposits; Added to water during treatment process

evaluation of your source water was completed by the Iowa Department of Natural Resources and is available from the Water Operator at 319-404-0341.

CONTACT INFORMATION

For questions regarding this information or how you can get involved in decisions regarding the water system, please contact ANDREW WATER SUPPLY at 319-404-0341.

This report is not being mailed to individual customers, but copies are available at City hall during their regular business hours.