

Nappanee Water Utility 2024 Water Quality Data

The table below lists all of the drinking water contaminants that we detected during the 2024 calendar year, or for the year that testing was most recently performed. When a test is required

Substance (units)	Year Sampled	MCLG	MCL	Your Water	- Range -		Exceed Limits	Possible Source
					Low	High		
Inorganic Contaminants								
Arsenic (ppb)	2023	0	10	2.5	2.5	2.5	No	Erosion of natural deposits, runoff from orchards, runoff from glass production wastes
Barium (ppm)	2023	2	2	0.126	0.126	0.126	No	Erosion of natural deposits; Discharge from metal refineries
Fluoride (ppm)	2023	4	4	0.835	0.835	0.835	No	Erosion of natural deposits; Water additive which promotes strong teeth
Nitrate (ppm)	2023	10	10	<0.5	<0.5	<0.5	No	Discharge from electronics, glass, and leaching from pre-processing sites; drug factories
Radiological Contaminants								
Gross Alpha, Excl. Radon & U (pCi/L)	2020	0	15	2.2	2.2	2.2	No	Erosion of natural deposits
Radium-226 (pCi/L)	2020	0	5	0.32	0.32	0.32	No	
Radium-228 (pCi/L)	2020	0	5	1.2	1.2	1.2	No	
Disinfectants								
Disinfectants	Year Sampled	MCLG	MCL	Highest RAA	Low Range	High Range	Exceed Limits	Possible Source
Chlorine (ppm)	2024	4 (MRDLG)	4 (MRDL)	2			No	Water additive used to control microbes
Disinfection Byproducts								
Disinfection Byproducts	Year Sampled	MCLG	MCL	Highest LRAA	Low Range	High Range	Exceed Limits	Possible Source
Total Trihalomethanes (ppb)	2023	-	80	3	3.14	3.14	No	By-product of drinking water chlorination
Total Haloacetic Acids (ppb)	2023	-	60	10	10.1	10.1	No	By-product of drinking water chlorination

5th Unregulated Contaminant Monitoring Rule (UCMR 5)

Our system collected samples under the US EPA Unregulated Contaminants Monitoring Rule (UCMR) for 29 PFAS compounds and Lithium. This monitoring is being conducted so the EPA can receive occurrence data for

Units Description:

NA: Not applicable

ND: Not detected

NR: Not reported

RAA: Running Annual Average

MNR: Monitoring not required but recommended

pCi/L: Picocuries per liter, a measure of radioactivity

ppm: parts per million, or milligram per liter (mg/L)

LRAA: Locational Running Annual Average

ppb: parts per billion, or micrograms per liter (ug/L)

ug/L: Number of micrograms of substance in 1 liter of water

AL: Action level

Copper & Lead	Year Sampled	AL	Your Water (90th Percentile)	Number of Sites Above	Violation	Possible Source
Copper (ppm)	2022	1.3	0.742	0	No	Corrosion of customer plumbing; Erosion of natural deposits
Lead (ppb)	2022	15	1.46	1	No	Corrosion of household plumbing; Erosion of natural deposits

Violations

Violation Type	Violation Begin	Violation End	Violation Explained
No violations during this period			

Important Drinking Water Definitions:

Abbreviations/ Definitions	Descriptions
MCLG: Maximum Contaminant Level Goal	The level of a contaminant in drinking water below which there is no known or expected risk to health, MCLGs allow for a margin of safety
MCL: Maximum Contaminant Level	The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLBs as feasible using the best available treatment
AL: Action Level	The concentration of a contaminant which if exceeded, triggers treatment or other requirements which a water system must follow.
MRDLG: Maximum Residual Disinfection Level Goal	The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of
MRDL: Maximum Residual Disinfectant Level	There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

For more information contact:

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