

2025 City of Edwardsville Water Quality Data

Contaminants	MCLG or MRDLG	MCL, TT or MRDL	Detect in Your Water	Range		Sample Date	Violation	Typical Source
				Low	High			
Disinfectants & Disinfection By-Products								
(There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.)								
Chlorine (as Cl2) (ppm)	4	4	1.3	1.2	1.4	2025	No	Water additive used to control microbes
Haloacetic Acids (HAA5) (ppb)	NA	60	7	6	7.09	2025	No	By-product of drinking water disinfection
TTHMs [Total Trihalomethanes] (ppb)	NA	80	21	18	20.6	2025	No	By-product of drinking water disinfection

Inorganic Contaminants								
Barium (ppm)	2	2	.062	NA	NA	2024	No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Fluoride (ppm)	4	4	.66	NA	NA	2024	No	Erosion of natural deposits; Water additive promotes strong teeth; Discharge from fertilizer and aluminum factories
Nitrate [measured as Nitrogen] (ppm)	10	10	1	NA	NA	2025	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
Sodium (optional) (ppm)	NA	-	200	NA	NA	2025	No	Erosion of natural deposits; Leaching. Used in water softener regeneration.

Radioactive Contaminants								
Radium (combined 226/228) (pCi/L)	0	5	.676	NA	NA	2026	No	Erosion of natural deposits

Contaminants	MCLG	AL	Your Water	Range Low/High	# Samples exceeding AL	Sample Date	Exceeds AL	Typical Source
Inorganic Contaminants								
Copper-action level at consumer taps (ppm)	1.3	1.3	.715	.008/1.35	1	2025	No	Corrosion of household plumbing systems; Erosion of natural deposits
Lead-action level at consumer taps (ppb)	0	15	1	0/1.9	0	2025	No	Corrosion of household plumbing systems; Erosion of natural deposits

Additional Contaminants: In an effort to ensure the safest water possible, the State has required the us to monitor some contaminants not required by Federal regulations. Of those contaminants, only the ones listed below were found in your water. The City of Edwardsville and our contract operator, Inframark, LLC, also conduct daily quality control sampling. Please contact Inframark at 618-692-7535 for more information.

Additional Contaminants				
Contaminants	StateMCL	Your Water	Violation	Explanation and Comment
Iron	1 ppm	.039 ppm	No	This contaminant is not currently regulated by the USEPA. However, the state regulates. Erosion of natural deposits
Manganese	150 ppb	8.2 ppb	No	This contaminant is not currently regulated by the USEPA. However, the state regulates. Source-erosion of natural deposits

Undetected Contaminants						Maximum Contaminant Level Goal	Total Coliform Maximum Contaminant Level	Highest No. of Positive	Fecal Coliform or E. Coli Maximum Contaminant Level	Total No. of Positive E. Coli or Fecal Coliform Samples	Violation	Typical Source
Contaminants	MCLG or MRDLG	MCL, TT or MRDL	Your Water	Violation		0	1 positive monthly sample	0		0	No	Naturally present in the environment
The following contaminants were monitored for, but not detected, in your water.												
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA) (ng/L)	NA		ND	No								
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA) (ng/L)	NA		ND	No								
hexafluoropropylene oxide dimer acid (HFPO DA) (ng/L)	NA		ND	No								
perfluorodecanoic acid (PFDA) (ng/L)	NA		ND	No								
perfluorododecanoic acid (PFDoA) (ng/L)	NA		ND	No								
perfluorohexanesulfonic acid (PFHxS) (ng/L)	NA		ND	No								
perfluorononanoic acid (PFNA) (ng/L)	NA		ND	No								
perfluorotetradecanoic acid (PFTA) (ng/L)	NA		ND	No								
perfluorotridecanoic acid (PFTrDA) (ng/L)	NA		ND	No								
perfluoroundecanoic acid (PFUnA) (ng/L)	NA		ND	No								

Violations and Exceedances			
Consumer Confidence Rule			
The Consumer Confidence Rule requires community water systems to prepare and provide to their customers annual consumer confidence reports on the quality of the water delivered by the systems			
Violation Type	Violation Begin	Violation End	Violation Explanation
CCR ADEQUACY/ AVAILABILITY/ CONTENT	07/01/2025	11/18/2025	We failed to provide to you, our drinking water customers, an annual report that adequately informed you about the quality of our drinking water and the risks from exposure to contaminants detected in our drinking water

Contact Name: Ryan Zwijack
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200 E. Park St.
Edwardsville, IL 62025
618-692-7535

Additional Monitoring		
In 2021, our PWS was sampled as part of the State of Illinois PFAS Statewide Investigation. Results from this sampling indicated PFAS were detected in our drinking water below the health advisory level established by Illinois EPA. Follow-up monitoring is being conducted. For more information about PFAS health advisories, please visit the following link: https://epa.illinois.gov/topics/water-quality/pfas-healthadvisory.html .		
NAME	Reported Level	Health-Based Guidance Level
perfluorobutanesulfonic acid (PFBS) (ng/L)	3.6	2000
perfluoroheptanoic acid (PFHpA) (ng/L)	0.6	NA
perfluorohexanesulfonic acid (PFHxS) (ng/L)	1.1	10
perfluorooctanoic acid (PFOA) (ng/L)	0.8	4
perfluorooctanesulfonic acid (PFOS) (ng/L)	0.5	4
perfluorohexanoic acid (PFHxA) (ng/L)	2.3	1900

2025 Southern Illinois University Edwardsville Water Quality Data

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				Low	High			
Disinfectants & Disinfection By-Products & Contaminants								
(There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.)								
Chlorine (as Cl2) (ppm)	4	4	1.4	.6	1.4	2025	No	Water additive used to control microbes
Haloacetic Acids (HAA5) (ppb)	NA	60	10.3	9.1	10.3	2025	No	By-product of drinking water chlorination
TTHMs [Total Trihalomethanes] (ppb)	NA	80	30	29.3	30	2025	No	By-product of drinking water disinfection
Inorganic Contaminants								
Copper - source water (ppm)	NA	1.3	.749	.0467	.749	2023	No	Corrosion of household plumbing systems; Erosion of natural deposits
Lead - source water (ppm)	NA	.015	.0029	.001	.0029	2023	No	Corrosion of household plumbing systems; Erosion of natural deposits

Additional Monitoring					
Name	Reported Level	Range		Reported Level	Range
		Low	High		
Perfluorobutanesulfonic acid (PFBS) (ppb)	0.0036	0.0035	0.0037	0.0000315	0.000003 0.0000033
Perfluoropentanoic acid (PFPeA) (mg/L)					

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