

Consumer Confidence Report

Annual Drinking Water Quality Report

PIKE COUNTY PWD 1

IL1495000

Annual Water Quality Report for the period of January 1 to December 31, 2024

This report is intended to provide you with important information about your drinking water and the efforts made by the water system to provide safe drinking water.

The source of drinking water used by
PIKE COUNTY PWD 1 is Ground Water

For more information regarding this report contact:

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Phone 217-430-5411

Este informe contiene información muy importante sobre el agua que usted bebe. Tradúzcalo ó hable con alguien que lo entienda bien.

Source of Drinking Water

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity.

Contaminants that may be present in source water include:

- Microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.
- Inorganic contaminants, such as salts and metals, which can be naturally-occurring or result from urban storm water runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.
- Pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm water runoff, and residential uses.
- Organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban storm water runoff, and septic systems.
- Radioactive contaminants, which can be naturally-occurring or be the result of oil and gas production and mining activities.

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the EPA's Safe Drinking Water Hotline at (800) 426-4791.

In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. FDA regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

Some people may be more vulnerable to contaminants in drinking water than the general population.

Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

Lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. The drinking water supplier is responsible for providing high quality drinking water and removing lead pipes, but cannot control the variety of materials used in plumbing components in your home. You share the responsibility for protecting yourself and your family from the lead in your home plumbing. You can take responsibility by identifying and removing lead materials within your home plumbing and taking steps to reduce your family's risk. Before drinking tap water, flush your pipes for several minutes by running your tap, taking a shower, doing laundry or a load of dishes. You can also use a filter certified by an American National Standard Institute accredited certifier

to reduce lead in drinking water. If you are concerned about lead in your water, you may wish to have your water tested, contact Nathan at 217-430-5411. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available at <http://www.epa.gov/safewater/lead>.

Source Water Information

Source Water Name	Type of Water	Report Status	Location
WELL 3 (01225) 30 FT N OF ROCKPORT WELL	GW	<u>A</u>	<u>Rockport WTP</u>
WELL 4 (01226)	GW	<u>A</u>	<u>New Canton WTP</u>
WELL 5 (01227)	GW	<u>A</u>	<u>New Canton WTP</u>
WELL 6 (01776) PHASE 6 DISTRIBUTION	GW	<u>A</u>	<u>New Canton WTP</u>
WELL 7 (01977)	GW	<u>A</u>	<u>Rockport WTP</u>

Source Water Assessment

We want our valued customers to be informed about their water quality. If you would like to learn more, please feel welcome to attend any of our regularly scheduled meetings. The source water assessment for our supply has been completed by the Illinois EPA. If you would like a copy of this information, please stop by City Hall or call our water operator at 217-430-5411. To view a summary version of the completed Source Water Assessments, including: Importance of Source Water; Susceptibility to Contamination Determination; and documentation/recommendation of Source Water Protection Efforts, you may access the Illinois EPA website at <http://www.epa.state.il.us/cgi-bin/wp/swap-fact-sheets.pl>.

Source of Water: PIKE COUNTY PWD lto determine Pike County PWDl's susceptibility to groundwater contamination, the following document was reviewed: a Well Site Survey, published in 1992 by the Illinois EPA. Based on the information obtained in this document, there are 7 potential sources of groundwater contamination that could pose a hazard to groundwater utilized by Pike County PWDl's community water supply. These include 1 construction and demolition company, 1 warehouse, 1 pasture, 2 hotels, and 2 below ground fuel storage tanks. In addition, information provided by the Leaking Underground Storage Tank and Remedial Project Management Sections of the Illinois EPA indicated sites with on-going remediation that might be of concern. Based upon this information, the Illinois EPA has determined that the Pike County PWDl Community Water Supply's source water is susceptible to contamination. As such, the Illinois EPA has provided 5-year recharge area calculations for the wells. The land use within the recharge areas of the wells was analyzed as part of this susceptibility determination. This land use includes residential, commercial and agricultural properties.

2024 Regulated Contaminants Detected

Lead and Copper

Definitions:

Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Action Level Goal (ALG): The level of a contaminant in drinking water below which there is no known or expected risk to health. ALGs allow for a margin of safety.

Copper Range: .051 ug/L to 1.3 ug/L
Lead Range: 1.0 ug/L to 12 ug/L

To obtain a copy of the system's lead tap sampling data: Call Nathan at 217-430-5411

CIRCLE ONE: Our Community Water Supply has not developed a service line material inventory.

To obtain a copy of the system's service line inventory: Call 217-430-5411

Lead and Copper	Date Sampled	MCLG	Action Level (AL)	90th Percentile	# Sites Over AL	Units	Violation	Likely Source of Contamination
Copper	09/13/2022	1.3	1.3	0.71	0	ppm	N	Corrosion of household plumbing systems; Erosion of natural deposits.
Lead	09/13/2022	0	15	4.4	0	ppb	N	Corrosion of household plumbing systems; Erosion of natural deposits.

Water Quality Test Results

Definitions:

The following tables contain scientific terms and measures, some of which may require explanation.

Avg:

Regulatory compliance with some MCLs are based on running annual average of monthly samples.

Level 1 Assessment:

A Level 1 assessment is a study of the water system to identify potential problems and determine (if possible) why total coliform bacteria have been found in our water system.

Level 2 Assessment:

A Level 2 assessment is a very detailed study of the water system to identify potential problems and determine (if possible) why an E. coli MCL violation has occurred and/or why total coliform bacteria have been found in our water system on multiple occasions.

Maximum Contaminant Level or MCL:

The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal or MCLG:

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.

Maximum residual disinfectant level or MRDL:

The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

Water Quality Test Results

Maximum residual disinfectant level goal or MRDLG:

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 disinfectants to control microbial contaminants.

na:

not applicable.

mrem:

millirems per year (a measure of radiation absorbed by the body)

ppb:

micrograms per liter or parts per billion - or one ounce in 7,350,000 gallons of water.

ppm:

milligrams per liter or parts per million - or one ounce in 7,350 gallons of water.

Treatment Technique or TT:

A required process intended to reduce the level of a contaminant in drinking water.

Special Notice for Availability of Unregulated Contaminant Monitoring Data

IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

Availability of Monitoring Data for Unregulated Contaminants for PIKE COUNTY WATER DISTRICT IL1495000

Our water system has sampled for a series of unregulated contaminants. Unregulated contaminants are those that don't yet have a drinking water standard set by EPA. The purpose of monitoring for these contaminants is to help EPA decide whether the contaminants should have a standard. As our customers, you have a right to know that these data are available. If you are interested in examining the results, please contact Nathan Bainter at 217-430-5411 or written request to Bainter Environmental LLC, P.O. Box 23, Barry, IL 62312.

This notice is being sent to you by PIKE COUNTY WATER DISTRICT. State Water System ID#: IL1495000.

Date distributed: 5/4/25

Compliance Report

Sample Event	SE1	Sample Schedule	May 2024
Facility ID	16974	Name	Rockport WTP
Sample Point ID	TP01	Name	Lab Sink (EP)
Schedule Comments	N/A		

Sample ID	Collection Date	Method	Analyte	Result
116816P	5/7/2024	EPA 200.7	lithium	< MRL
116816P	5/7/2024	EPA 533	11CI-PF3OUdS	< MRL
116816P	5/7/2024	EPA 533	4:2 FTS	< MRL
116816P	5/7/2024	EPA 533	6:2 FTS	< MRL
116816P	5/7/2024	EPA 533	8:2 FTS	< MRL
116816P	5/7/2024	EPA 533	9CI-PF3ONS	< MRL
116816P	5/7/2024	EPA 533	ADONA	< MRL
116816P	5/7/2024	EPA 533	HFPO-DA	< MRL
116816P	5/7/2024	EPA 533	NFDHA	< MRL
116816P	5/7/2024	EPA 533	PFBA	< MRL
116816P	5/7/2024	EPA 533	PFBS	< MRL
116816P	5/7/2024	EPA 533	PFDA	< MRL
116816P	5/7/2024	EPA 533	PFDaA	< MRL
116816P	5/7/2024	EPA 533	PFEESA	< MRL
116816P	5/7/2024	EPA 533	PFHpA	< MRL
116816P	5/7/2024	EPA 533	PFHpS	< MRL
116816P	5/7/2024	EPA 533	PFHxA	< MRL
116816P	5/7/2024	EPA 533	PFHxS	< MRL
116816P	5/7/2024	EPA 533	PFMBA	< MRL
116816P	5/7/2024	EPA 533	PFMPA	< MRL
116816P	5/7/2024	EPA 533	PFNA	< MRL
116816P	5/7/2024	EPA 533	PFOA	< MRL
116816P	5/7/2024	EPA 533	PFOS	< MRL
116816P	5/7/2024	EPA 533	PFPeA	< MRL
116816P	5/7/2024	EPA 533	PFPeS	< MRL
116816P	5/7/2024	EPA 533	PFUnA	< MRL
116816P	5/7/2024	EPA 537.1	NEtFOSAA	< MRL
116816P	5/7/2024	EPA 537.1	NMeFOSAA	< MRL
116816P	5/7/2024	EPA 537.1	PFTA	< MRL
116816P	5/7/2024	EPA 537.1	PFTDA	< MRL

Sample Event	SE2	Sample Schedule	Nov 2024
Facility ID	16974	Name	Rockport WTP
Sample Point ID	TP01	Name	Lab Sink (EP)
Schedule Comments	N/A		

Sample ID	↕ Collection Date	↕ Method	↕ Analyte	↕ Result	↕
122662P	11/5/2024	EPA 200.7	lithium	< MRL	
122662P	11/5/2024	EPA 533	11CI-PF3OUdS	< MRL	

122662P	11/5/2024	EPA 533	4:2 FTS	< MRL	
122662P	11/5/2024	EPA 533	6:2 FTS	< MRL	
122662P	11/5/2024	EPA 533	8:2 FTS	< MRL	
122662P	11/5/2024	EPA 533	9CI-PF3ONS	< MRL	
122662P	11/5/2024	EPA 533	ADONA	< MRL	
122662P	11/5/2024	EPA 533	HFPO-DA	< MRL	
122662P	11/5/2024	EPA 533	NFDHA	< MRL	
122662P	11/5/2024	EPA 533	PFBA	< MRL	
122662P	11/5/2024	EPA 533	PFBS	< MRL	
122662P	11/5/2024	EPA 533	PFDA	< MRL	
122662P	11/5/2024	EPA 533	PFDaA	< MRL	
122662P	11/5/2024	EPA 533	PFEESA	< MRL	
122662P	11/5/2024	EPA 533	PFHpA	< MRL	
122662P	11/5/2024	EPA 533	PFHpS	< MRL	
122662P	11/5/2024	EPA 533	PFHxA	< MRL	
122662P	11/5/2024	EPA 533	PFHxS	< MRL	
122662P	11/5/2024	EPA 533	PFMBA	< MRL	
122662P	11/5/2024	EPA 533	PFMPA	< MRL	
122662P	11/5/2024	EPA 533	PFNA	< MRL	
122662P	11/5/2024	EPA 533	PFOA	< MRL	
122662P	11/5/2024	EPA 533	PFOS	< MRL	
122662P	11/5/2024	EPA 533	PFPeA	< MRL	
122662P	11/5/2024	EPA 533	PFPeS	< MRL	
122662P	11/5/2024	EPA 533	PFUnA	< MRL	
122662P	11/5/2024	EPA 537.1	NEtFOSAA	< MRL	
122662P	11/5/2024	EPA 537.1	NMeFOSAA	< MRL	
122662P	11/5/2024	EPA 537.1	PFTA	< MRL	
122662P	11/5/2024	EPA 537.1	PFTDA	< MRL	

Sample Event	SE1	Sample Schedule	May 2024
Facility ID	16975	Name	Canton WTP
Sample Point ID	TP02	Name	Lab Sink (EP)
Schedule Comments	N/A		

Sample ID	↕ Collection Date	↕ Method	↕ Analyte	↕ Result	↕
116817P	5/7/2024	EPA 200.7	lithium	< MRL	
116817P	5/7/2024	EPA 533	11Cl-PF3OUdS	< MRL	
116817P	5/7/2024	EPA 533	4:2 FTS	< MRL	
116817P	5/7/2024	EPA 533	6:2 FTS	< MRL	
116817P	5/7/2024	EPA 533	8:2 FTS	< MRL	
116817P	5/7/2024	EPA 533	9Cl-PF3ONS	< MRL	
116817P	5/7/2024	EPA 533	ADONA	< MRL	
116817P	5/7/2024	EPA 533	HFPO-DA	< MRL	
116817P	5/7/2024	EPA 533	NFDHA	< MRL	
116817P	5/7/2024	EPA 533	PFBA	< MRL	
116817P	5/7/2024	EPA 533	PFBS	< MRL	
116817P	5/7/2024	EPA 533	PFDA	< MRL	
116817P	5/7/2024	EPA 533	PFDaA	< MRL	
116817P	5/7/2024	EPA 533	PFEESA	< MRL	
116817P	5/7/2024	EPA 533	PFHpA	< MRL	
116817P	5/7/2024	EPA 533	PFHpS	< MRL	
116817P	5/7/2024	EPA 533	PFHxA	< MRL	
116817P	5/7/2024	EPA 533	PFHxS	< MRL	
116817P	5/7/2024	EPA 533	PFMBA	< MRL	
116817P	5/7/2024	EPA 533	PFMPA	< MRL	
116817P	5/7/2024	EPA 533	PFNA	< MRL	
116817P	5/7/2024	EPA 533	PFOA	< MRL	
116817P	5/7/2024	EPA 533	PFOS	< MRL	
116817P	5/7/2024	EPA 533	PFPeA	< MRL	
116817P	5/7/2024	EPA 533	PFPeS	< MRL	
116817P	5/7/2024	EPA 533	PFUnA	< MRL	
116817P	5/7/2024	EPA 537.1	NEtFOSAA	< MRL	
116817P	5/7/2024	EPA 537.1	NMeFOSAA	< MRL	
116817P	5/7/2024	EPA 537.1	PFTA	< MRL	
116817P	5/7/2024	EPA 537.1	PFTrDA	< MRL	

Sample Event	SE2	Sample Schedule	Nov 2024
Facility ID	16975	Name	Canton WTP
Sample Point ID	TP02	Name	Lab Sink (EP)
Schedule Comments	N/A		

Sample ID	Collection Date	Method	Analyte	Result
122663P	11/5/2024	EPA 200.7	lithium	< MRL
122663P	11/5/2024	EPA 533	11CI-PF3OUdS	< MRL
122663P	11/5/2024	EPA 533	4:2 FTS	< MRL
122663P	11/5/2024	EPA 533	6:2 FTS	< MRL
122663P	11/5/2024	EPA 533	8:2 FTS	< MRL
122663P	11/5/2024	EPA 533	9CI-PF3ONS	< MRL
122663P	11/5/2024	EPA 533	ADONA	< MRL
122663P	11/5/2024	EPA 533	HFPO-DA	< MRL
122663P	11/5/2024	EPA 533	NFDHA	< MRL
122663P	11/5/2024	EPA 533	PFBA	< MRL
122663P	11/5/2024	EPA 533	PFBS	< MRL
122663P	11/5/2024	EPA 533	PFDA	< MRL
122663P	11/5/2024	EPA 533	PFDaA	< MRL
122663P	11/5/2024	EPA 533	PFEESA	< MRL
122663P	11/5/2024	EPA 533	PFHpA	< MRL
122663P	11/5/2024	EPA 533	PFHpS	< MRL
122663P	11/5/2024	EPA 533	PFHxA	< MRL
122663P	11/5/2024	EPA 533	PFHxS	< MRL
122663P	11/5/2024	EPA 533	PFMBA	< MRL
122663P	11/5/2024	EPA 533	PFMPA	< MRL
122663P	11/5/2024	EPA 533	PFNA	< MRL
122663P	11/5/2024	EPA 533	PFOA	< MRL
122663P	11/5/2024	EPA 533	PFOS	< MRL
122663P	11/5/2024	EPA 533	PFPeA	< MRL
122663P	11/5/2024	EPA 533	PFPeS	< MRL
122663P	11/5/2024	EPA 533	PFUnA	< MRL

122663P	11/5/2024	EPA 537.1	NEtFOSAA	< MRL
122663P	11/5/2024	EPA 537.1	NMeFOSAA	< MRL
122663P	11/5/2024	EPA 537.1	PFTA	< MRL
122663P	11/5/2024	EPA 537.1	PFTrDA	< MRL