

Annual Drinking Water Quality Report

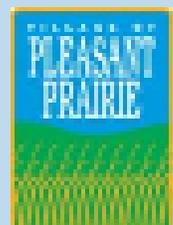
We're pleased to present to you this year's Annual Water Quality Report. This report is designed to inform you about the quality of water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. Our water is surface water that is pumped from Lake Michigan.



We purchase our water from the City of Kenosha and are pleased to report that our water is safe and meets federal and state requirements. If you would like to know more about the information contained in this report, please contact Dan Anderson at 262/694-7089 between the hours of 7:00 am and 3:30 pm, Monday through Friday. We want our valued customers to be informed

about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings. They are held on the first and third Mondays of every month.

*“We are committed
to ensuring the quality
of your water.”*



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HEALTH INFORMATION

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 the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's safe drinking water hotline at 800/426-4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons with

cancer undergoing chemotherapy, or who have undergone organ transplants, or individuals with HIV/AIDS or other immune system disorders, some elderly and infants can be particularly at risk. 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 Environmental Protection Agency's safe drinking water hotline at 800/426-4791.

EDUCATIONAL INFORMATION



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 can 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.

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

SOURCE(S) OF WATER

SOURCE ID	SOURCE	DEPTH (in feet)
81	Purchased Surface Water	

A summary of the source water assessment for PLEASANT PRAIRIE WATER UTILITY is available at:

<http://www.dnr.state.wi.us/org/water/dwg/swap/surface/kenosha.pdf>



DEFINITION OF TERMS

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

TERM	DEFINITION	
AL	Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.	mrem/year millirems per year (a measure of radiation absorbed by the body)
MCL	Maximum Contaminant Level: 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.	NTU Nephelometric Turbidity Units
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.	pCi/l picocuries per liter (a measure of radioactivity)
MFL TERM	Million fibers per liter	ppm parts per million, or milligrams per liter (mg/l)
		ppb parts per billion, or micrograms per liter (ug/l)
		ppt parts per trillion, or nanograms per liter
		ppq parts per quadrillion, or picograms per liter
		TCR Total Coliform Rule
		TT Treatment Technique: A required process intended to reduce the level of a contaminant in drinking water.

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NUMBER OF CONTAMINANTS REQUIRED TO BE TESTED

This table displays the number of contaminants that were required to be tested in the last five years. The CCR may contain up to five years worth of water quality results. If a water system tests annually, or more frequently, the results from the most recent year are shown on the CCR. If testing is done less frequently, the results shown on the CCR are from the past five years.

CONTAMINANT GROUP	NUMBER OF CONTAMINANTS
Inorganic Contaminants	18
Microbiological Contaminants	1
Disinfection Byproducts	1
Radioactive Contaminants	1
Unregulated Contaminants	33
Volatile Organic Contaminants	21
Synthetic Organic Contaminants including Pesticides and Herbicides	28

INORGANIC CONTAMINANTS

CONTAMINANT (units)	MCL	MCLG	LEVEL FOUND	RANGE	SAMPLE DATE (if prior to 2006)	VIOLATION	TYPICAL SOURCE OF CONTAMINANT
ARSENIC (ppb)	10	n/a	1	1	3/29/05	NO	
BARIUM (ppm)	2	2	.020	.020	3/29/05	NO	
CADMIUM (ppb)	5	5	1.1	1.1	3/29/05	NO	
CHROMIUM (ppb)	100	100	1	1	3/29/05	NO	
COPPER (ppm)	AL=1.3	1.3	.4310	.0380 - .5650	8/26/05	NO	
FLUORIDE (ppm)	4	4	1.1 (average)	1.0-1.2		NO	
LEAD (ppb)	AL=15	0	6.00	00-15.00	8/19/05	NO	
NICKEL (ppb)	100		1.3000	1.3000	3/29/05	NO	
NITRATE (NO3-N) (ppm)	10	10	.57	.57		NO	
SODIUM (ppm)	n/a	n/a	9.40	9.40		NO	

MICROBIOLOGICAL CONTAMINANTS

CONTAMINANT (units)	MCL	MCLG	LEVEL FOUND	RANGE	SAMPLE DATE (if prior to 2006)	VIOLATION	TYPICAL SOURCE OF CONTAMINANT
TOTAL COLIFORM BAC- TERIA	Presence of coliform bacteria in 5% of monthly samples	0				NO	Naturally present in the environ- ment
FECAL COLIFORM AND E. COLI	A routine sample and repeat sample are total coliform positive, and one is also fecal or E. coli positive	0				NO	Human and animal fecal waste
TURBIDITY	Less than .30		.035	.015-.035		NO	Soil runoff

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DISINFECTION BYPRODUCTS

CONTAMINANT (units)	MCL	MCLG	LEVEL FOUND	RANGE	SAMPLE DATE (if prior to 2006)	VIOLATION	TYPICAL SOURCE OF CONTAMINANT
HAA5 (ppb)	60		15.5	7.5-15.5		NO	By-product of disinfection process

RADIOACTIVE CONTAMINANTS

CONTAMINANT (units)	MCL	MCLG	LEVEL FOUND	RANGE	SAMPLE DATE (if prior to 2006)	VIOLATION	TYPICAL SOURCE OF CONTAMINANT
Gross Alpha, Excluding R & U (pCi/l)	15	0	.2	.2	4/18/02	NO	Erosion of natural deposits

UNREGULATED CONTAMINANTS

CONTAMINANT (units)	MCL	MCLG	LEVEL FOUND	RANGE	SAMPLE DATE (if prior to 2006)	VIOLATION	TYPICAL SOURCE OF CONTAMINANT
Bromodichloro- methane (ppb)	n/a	n/a	9.85 (average)	8.10-13.00		NO	n/a
Bromoform (ppb)	n/a	n/a	.15 (average)	nd-.60		NO	n/a
Chloroform (ppb)	n/a	n/a	16.00 (average)	11.00-23.00		NO	n/a
Dibromo- chloromethane	n/a	n/a	4.85 (average)	4.00-6.40		NO	n/a
Sulfate (ppm)	n/a	n/a	27.00	27.00	3/29/05	NO	n/a

VOLATILE ORGANIC CONTAMINANTS

CONTAMINANT (units)	MCL	MCLG	LEVEL FOUND	RANGE	SAMPLE DATE (if prior to 2006)	VIOLATION	TYPICAL SOURCE OF CONTAMINANT
TTHM (ppb)	80	0	31.0 (average)	23.1-43.0		NO	By-product of drinking water chlorination

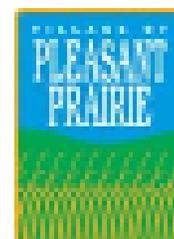
CONCLUSION

In our continuing efforts to maintain a safe and dependable water supply, it may be necessary to make improvements in your water system. The costs of these improvements may be reflected in the rate structure. Rate adjustments may be necessary in order to address these improvements.

Thank you for allowing us to continue providing your family with clean, quality water this year. "We, at Pleasant Prairie Water Utility, work around the clock to provide top quality water to every tap" said Mike Pollocoff. "We ask that all of our customers help us to protect our

water sources, which are the heart of our community, our way of life and our children's future."

Please call our office at 262/694-1403 if you have any questions.



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