



STEVENS POINT WATER DEPARTMENT

300 Bliss Avenue • P.O. Box 243 • Stevens Point, Wisconsin 54481-0243 • Phone: 715-345-5260

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Hours: Monday - Friday: 7:30 AM to 4:00 PM

ANNUAL DRINKING WATER QUALITY REPORT

PWS ID 75001410 •

Consumer Confidence Report Data for 2021

ISSUE 23 • SUMMER 2022

The Staff and Management of the City of Stevens Point Water Department are proud to provide safe, dependable water to you 24 hours a day, seven days a week, 365 days a year. This report describes Stevens Point's drinking water quality, which conforms to federal regulations. We want our valued customers to be informed about their drinking water. The federal government also wants you to be informed about what substances are in your water. They have required all water utilities in the U.S. to provide this information to their customers on an annual basis since October 1999.

CONSERVATION TIPS

DO YOUR PART TO SAVE WATER PLEASE:

- Fix leaky toilets or faucets. A leak as small as a 1/16" diameter stream can waste 296,000 gallons of water per year.
- Wash only full loads of clothes and dishes.
- Take short showers or half-full baths.
- Install low-flow fixtures.
- Turn off the water while brushing your teeth or doing dishes.
- Install water saving plants in your landscape and water your lawn wisely. Early mornings or later evenings are recommended times for watering. Avoid the hottest part of the day as the water evaporates instead of reaching your lawn. Don't over water. Use rain barrels for watering needs, a stormwater credit is available if you do.
- Adjust sprinklers so only your lawn is watered and not the house, sidewalk, or street.
- For cold drinks keep a pitcher of water in the refrigerator instead of running the tap. This way, every drop goes down you and not the drain.
- Use a broom instead of a hose to clean your driveway and sidewalk and save water every time.
- Upgrade older toilets and fixtures with water efficient models.
- Adjust your lawn mower to a higher setting. A taller lawn shades roots and holds soil moisture better than if it is closely clipped.



CITY OF WONDERFUL WATER

WATER DEPARTMENT CURRENT AND FUTURE PROJECTS

This year's major re-construction projects for the Water Department are located on the north side of the City and include portions of Portage St., Washington Ave., Third St., Meadow St. and Smith St. This project is a continuation of a multi-year reconstruction effort to replace ageing facilities in this part of the city in addition to helping resolve some of the flooding issues in this part of the City. Future projects of note include the planning for Business 51 reconstruction in years to come and continual reconstruction of older mains and other infrastructure.

The Water Department also began the multi-year process of replacing water services that contain lead fittings throughout the system. This process should be completed in 2023. All impacted property owners and residents have been contacted about his project. Two public informational meetings were held prior to starting this project and communication is had with all properties prior to the lateral replacement.

We continue our annual leak detection efforts and cross connection control efforts to ensure safe and efficient use of our water resource.

STEVENS POINT BOARD OF WATER & SEWAGE COMMISSIONERS

Paul Adamski - President • Carl Rasmussen - Secretary • Mae Nachman, Ray Schmidt, Anna Haines

For Input: Meetings are held the second Monday of every month at noon - 300 Bliss Avenue Stevens Point

- 2021 Test Results -

Your water was tested for many contaminants last year. We are allowed to monitor for some contaminants less frequently than once a year. The following tables list only those contaminants which were detected in your water. If a contaminant was detected last year, it will appear in the following tables without a sample date. If the contaminant was not monitored last year, but was detected within the last 5 years, it will appear in the tables below along with the sample date.

If you have any questions regarding this report, please contact Director Joel Lemke at 715-345-5260.

Source(s) of Water

Source ID	Source	Depth (in feet)	Status
4	Groundwater	56	Inactive as of 04/26/19
6	Groundwater	90	Active
7	Groundwater	80	Active
8	Groundwater	85	Active
9	Groundwater	80	Active
10	Groundwater	87	Active
11	Groundwater	106	Active

To obtain a summary of the source water assessment please contact Joel Lemke at: 715-345-5260, 300 Bliss Avenue, Stevens Point, WI, 54481.

Detected Contaminants

Your water was tested for many contaminants last year. We are allowed to monitor for some contaminants less frequently than once a year. The following tables list only those contaminants which were detected in your water. If a contaminant was detected last year, it will appear in the following tables without a sample date. If the contaminant was not monitored last year, but was detected within the last 5 years, it will appear in the tables below along with the sample date.

Disinfection Byproducts

Contaminant (units)	Site	MCL	MCLG	Level Found	Range	Sample Date (if prior to 2021)	Violation	Typical Source of Contaminant
HAA5 (ppb)	68	60	60	7	7		No	By-product of drinking water chlorination
TTHM (ppb)	68	80	0	12.8	12.8		No	By-product of drinking water chlorination
HAA5 (ppb)	77	60	60	6	6		No	By-product of drinking water chlorination
TTHM (ppb)	77	80	0	19.2	19.2		No	By-product of drinking water chlorination

Inorganic Contaminants

Contaminant (units)	Site	MCL	MCLG	Level Found	Range	Sample Date (if prior to 2021)	Violation	Typical Source of Contaminant
ARSENIC (ppb)		10	n/a	0	0 - 0	3/2/2020	No	Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronics production wastes
BARIUM (ppm)		2	2	0.021	0.009 - 0.021	3/2/2020	No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
FLUORIDE (ppm)		4	4	0.9	0.2 - 0.9	3/2/2020	No	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories
NICKEL (ppb)		100		21.0000	4.8000 - 21.0000	3/2/2020	No	Nickel occurs naturally in soils, ground water and surface waters and is often used in electroplating, stainless steel and alloy products.
NITRATE (N03-N) (ppm)		10	10	4.78	1.70 - 5.80		No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
NITRITE (N02-N) (ppm)		1	1	0.067	0.000 - 0.067	3/2/2020	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
SODIUM (ppm)		n/a	n/a	8.50	5.90 - 8.50	3/2/2020	No	n/a

Contaminant (units)	Action Level	MCLG	90th Percentile Level Found	# of Results	Sample Date (if prior to 2021)	Violation	Typical Source of Contaminant
COPPER (ppm)	AL=1.3	1.3	0.2800	0 of 30 results were above the action level.	8/5/2020	No	Corrosion of household plumbing systems; Erosion of natural deposits; Leaching from wood preservatives
LEAD (ppb)	AL=15	0	0.97	0 of 30 results were above the action level.	9/15/2020	No	Corrosion of household plumbing systems; Erosion of natural deposits

Radioactive Contaminants

Contaminant (units)	Site	MCL	MCLG	Level Found	Range	Sample Date (if prior to 2021)	Violation	Typical Source of Contaminant
GROSS ALPHA, EXCL. R & U (pCi/l)		15	0	2.3	0.7 - 2.3	3/2/2020	No	Erosion of natural deposits
GROSS ALPHA, INCL. R & U (n/a)		n/a	n/a	4.7	0.0 - 4.7	3/2/2020	No	Erosion of natural deposits
COMBINED URANIUM (ug/l)		30	0	3.5	0.6 - 3.5	3/2/2020	No	Erosion of natural deposits

Unregulated Contaminants

Unregulated contaminants are those for which EPA has not established drinking water standards. The purpose of unregulated contaminant monitoring is to assist EPA in determining the occurrence of unregulated contaminants in drinking water and whether future regulation is warranted. EPA required us to participate in this monitoring.

Additional Unregulated Contaminants Found During UCMR4:

Contaminant name	Units	Ave found	Range found	Sample date
Manganese	ug/L	22.962	0.71 - 88.00	3/12/2019 to 9/24/2019
Bromide	ug/L	23.25	21.00 - 26.00	3/12/2019 to 9/24/2019
Bromochloroacetic acid (BCAA)	ug/L	1.2	1.10 - 1.30	3/19/2019 to 9/24/2019
Bromodichloroacetic acid (BDCAA)	ug/L	0.92	0.65 - 1.30	3/19/2019 to 9/24/2019
Dichloroacetic acid (DCAA)	ug/L	3.025	2.00 - 4.30	3/19/2019 to 9/24/2019
Dibromoacetic acid (DBAA)	ug/L	0.45	0.45	3/19/2019
Trichloroacetic acid (TCAA)	ug/L	2.38	1.30 - 2.90	3/19/2019 to 9/24/2019

Contaminants with a Health Advisory Level or a Secondary Maximum Contaminant Level

The following tables list contaminants which were detected in your water and that have either a Health Advisory Level (HAL) or a Secondary Maximum Contaminant Level (SMCL), or both. There are no violations for detections of contaminants that exceed Health Advisory Levels, Groundwater Standards or Secondary Maximum Contaminant Levels. Secondary Maximum Contaminant Levels are levels that do not present health concerns but may pose aesthetic problems such as objectionable taste, odor, or color. Health Advisory Levels are levels at which concentrations of the contaminant present a health risk.

Contaminant (units)	Site	SMCL (ppm)	HAL (ppm)	Level Found	Range	Sample Date (if prior to 2021)	Typical Source of Contaminant
ALUMINUM (ppm)		0.05	0.2	0.01	0.00 - 0.01	3/14/2017	Runoff/leaching from natural deposits
CHLORIDE (ppm)		250		26.00	16.00 - 26.00	3/7/2017	Runoff/leaching from natural deposits, road salt, water softeners
MANGANESE (ppm)		0.05	0.3	0.36	0.09 - 0.36	11/3/2020	Leaching from natural deposits
SULFATE (ppm)		250		19.00	9.40 - 19.00	3/2/2020	Runoff/leaching from natural deposits, industrial wastes
ZINC (ppm)		5		0.01	0.00 - 0.01	3/14/2017	Runoff/leaching from natural deposits, industrial wastes

Presence of Other Contaminants

PHOS/PFOA

Contaminant name	Units	Site(s)	Recommended HAL (ppt)	Average	Range found	Sample date
Perfluorobutanesulfonic acid (PFBS)	ng/L	Armory, well 11, future well	450,000	0.98	0.79-1.21	4/13/2022 to 5/10/2022
Perfluorooctanesulfonic acid (PFOS)	ng/L	Armory	0.02	0.93	0.93	4/28/2022
Perfluorooctanoic acid (PFOA)	ng/L	Well 11	0.004	0.97	0.97	5/10/2022

Typical source: Drinking water is one way that people can be exposed to PFAS. In Wisconsin, two-thirds of people use groundwater as their drinking water source. PFAS can get in groundwater from places that make or use PFAS and releases from certain types of waste in landfills.

Scientists are still learning about the health effects that various PFAS can have on the body. To date, studies among people have that high levels of certain PFAS can increase cholesterol levels, decrease antibody levels in response to vaccines, and decrease fertility in women. People can reduce their risk of health effects by reducing their exposure to PFAS.

Perfluoroalkyl and polyfluoroalkyl substances (PFAS) are a large group of human-made chemicals that have been used in industry and consumer products worldwide since the 1950. The following table list PFAS contaminants which were detected in your water and that have a recommended Health Advisory Level (HAL). There are no violations for detections of contaminants that exceed recommended Health Advisory Levels. The Recommended Health Advisory Levels are levels at which concentrations of the contaminant present a health risk and are based on guidance provided by the Wisconsin Department of Health Services.

Additional Health Information

Nitrate in drinking water at levels above 10 ppm is a health risk for infants of less than 6 months of age. High nitrate levels in drinking water can cause blue baby syndrome. Nitrate levels may rise quickly for short periods of time because of rainfall or agricultural activity. If you are caring for an infant you should ask advice from your health care provider. Females who are or may become pregnant should not consume water with nitrate concentrations that exceed 10 ppm. There is some evidence of an association between exposure to high nitrate levels in drinking water during the first weeks of pregnancy and certain birth defects. The Wisconsin Department of Health Services recommends people of all ages avoid long-term consumption of water that has nitrate level greater than 10 milligrams per liter (mg/L).

If present, elevated levels of 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. Stevens Point Waterworks is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at www.epa.gov/safewater/lead.

- Definition of Terms -

AL	Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.
HAL	Health Advisory Level: The concentration of a contaminant which, if exceeded, poses a health risk and may require a system to post a public notice.
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 or why total coliform bacteria have been found in our water system, or both, on multiple occasions.
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.
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.
MFL	million fibers per liter
MRDL	Maximum residual disinfectant level: 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.
MRDLG	Maximum residual disinfectant 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 disinfectants to control microbial contaminants.
mrem/year	millirems per year (a measure of radiation absorbed by the body)
NTU	Nephelometric Turbidity Units
pCi/l	picrouries per liter (a measure of radioactivity)
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
SMCL	Secondary drinking water standards or Secondary Maximum Contaminant Levels for contaminants that affect taste, odor, or appearance of the drinking water. The SMCLs do not represent health standards.
TCR	Total Coliform Rule
TT	Treatment Technique: A required process intended to reduce the level of a contaminant in drinking water.

- Important 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 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 (800-426-4791).

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 systems 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 Environmental Protection Agency's safe drinking water hotline (800-426-4791).

- Foreign Language Notice -

Este informe contiene información importante acerca de su agua potable. Haga que alguien lo traduzca para usted, o hable con alguien que lo entienda.

Dlaim ntawv tshaabzu nuav muaj lug tseemceeb heev nyob rua huv kws has txug cov dlej mej haus. Kuas ib tug paab txhais rua koj, los nrug ib tug kws paub lug thaam.

- 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 result from urban stormwater 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 stormwater 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 stormwater 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, 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 shall provide the same protection for public health.