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**TOWN OF SANTA CLAUS  
P.O. BOX 92  
SANTA CLAUS, IN 47579**



**2025  
Santa Claus Utilities  
Water Quality  
Report**



**Mission Statement  
“Citizen Service”**

**To provide quality service on a consistent basis  
with economy and efficiency in mind.**

## TOWN OF SANTA CLAUS WATER QUALITY REPORT

### REPORT OVERVIEW

This report intends to give water users essential facts about daily water usage. To ensure the safety of our water, a partial listing of the town's testing requirements are as follows: total chlorine, total coliform bacteria, lead, copper, and asbestos fibers. Chlorine residual tests are run seven days per week. Total coliform tests are run four times per month to ensure that the disinfection (chlorinating) process is working. Lead and copper tests are run every three years to see if these elements appear in our water. Another required test is asbestos fibers. The town utilizes asbestos cement pipe in a portion of the system, so we monitor the corrosiveness of the water to ensure the fibers stay in place. Do not be alarmed when you hear that there is an asbestos concrete pipe in the water system; it is considered safe and is used worldwide. Now that the town produces water, there are and will be new testing requirements. Results of current testing are included in this report. Future testing requirements and results will also be included in this report. During the last testing year, the town had no violations. Other constituents of our water are tested daily at our water treatment plant, as well as at the Patoka Lake Treatment Plant. Those results are also included in this report.

### VIOLATION

Inadequate Consumer Confidence Report (CCR) or failure to deliver a CCR Certification form to the state on time

### HEALTH INFORMATION

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 healthcare providers. Environmental Protection Agency (EPA) and Center for Disease Control (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 at 800-426-4791.

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 land's surface or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material. It can pick up substances resulting from the presence of animals or human activity. Contaminants that may be present in source water include:

### Consumer Confidence Report

available on-line

After July 1, 2025, please see our website: [www.townofsantaclaus.com](http://www.townofsantaclaus.com) for all of the same information provided in recent reports.

⇒ **Remember, for boil advisories, water outages, etc., notifications, subscribe to CodeRed by following the Spencer County website link.**

**Call the Superintendent's office, Russ Luthy, at 812.544.3329 for questions or concerns.**

### Statement Addressing Lead in Drinking Water:

"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. Santa Claus Utilities 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, you may wish to have your water tested.

Information on lead in drinking water, testing methods, and steps to minimize exposure is available from the Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>."

Lead and copper testing is done every three years in accordance with required regulations.

For more information on the identification of your water service line material please follow the link below:

<https://pws-ptd.120wateraudit.com/santaclausin>

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

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 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.

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.

Avg: Average - Regulatory compliance with some MCLs are based on running annual average of monthly samples.

LRAA: Locational Running Annual Average

ppb: micrograms per liter (ug/L) or parts per billion - or one ounce in 7,350,000 gallons of water.

ppm: milligrams per liter (mg/L) or parts per million - or one ounce in 7,350 gallons of water

picocuries per liter (pCi/L): picocuries per liter is a measure of the radioactivity in water.

If you have any questions about the quality of your water, please attend our Waterworks board meetings. The meetings are held the first Tuesday of every month, beginning at 6:00 CST at the Town Hall.

Our Public Water System Identification number is IN5274010.

Listed are some significant contact numbers to call if you should have questions concerning water quality:

- |                               |              |
|-------------------------------|--------------|
| • Santa Claus Town Hall       | 812-937-2551 |
| • Utility Superintendent      | 812-544-3329 |
| • Water Department            | 812-544-2354 |
| • Patoka Lake Regional Office | 800-313-5589 |

**For emergencies during weekends, holidays, and after hours, call 812-686-2234.**

\*Please use it only in emergencies.



#### **Friendly Reminder:**

For billing questions,  
call the Town Hall at 812-937-2551 ext. #2

**If your water is shut off for any reason, there will be a \$50.00 reconnect fee.**

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#### **Fees:**

Water Connection \$750.00

Out of Town Limits applications (water only) \$ 125.00

Water Deposit \$200.00 Inspection- Residential . \$ 35.00

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#### **Fire Hydrant accessibility-**

In 2020, the fire department had problems accessing and operating the nearest fire hydrant while responding to a fire in CLV. The problem was due to landscaping and plantings that were blocking clear access to the hydrant. With the safety of all residents in mind, please keep an approximate ten-foot diameter clear area around hydrants in your yard.

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

Radioactive contaminants can naturally occur or result from oil and gas production and mining activities. To ensure that tap water is safe to drink, the EPA prescribes regulations that limit the amount of specific contaminants in water provided by public water systems.

- Food and Drug Administration (FDA) regulations establish limits for contaminants in bottled water, which must provide the same protection for public health.

Drinking water, including bottled water, may 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 at 800-426-4791.**

Our water comes from three wells located on River Rd near Grandview. We have a Wellhead Protection Plan on file with IDEM. Please let us know if you would like to be involved with our protection efforts! We also purchase water from Patoka Lake Regional Water. They treat surface water out of Patoka Reservoir.

#### **CHLORAMINE/FLUORIDE ADDITION**

Patoka Lake Regional Water District and the town utilize chloramines to disinfect your drinking water. For all regular users, chlorinated water is the same as water disinfected with chlorine. However, kidney dialysis patients should consult their doctor, and fish owners should call your pet store for more information. As recommended by ADA and AWWA, Patoka Lake District participates in the State Dental Fluoridation program and adds fluoride to the treated water.

As an end consumer of water, you can help protect drinking water sources by increasing and promoting efforts to recycle materials and properly dispose of chemicals, used oils and petroleum products, batteries, and other household refuse.

SANTA CLAUS WATER UTILITY WATER QUALITY DATA FOR 2024

THERE WERE NO POSITIVE BACTERIOLOGICAL SAMPLE RESULTS IN 2024, AND NO DISINFECTANT RESIDUAL VIOLATIONS.

**DEFINITIONS**  
"MCL" MEANS MAXIMUM CONTAMINANT LEVEL  
"BDL" MEANS BELOW DETECTABLE LIMIT  
"pCi/L" MEANS PICOCURIES PER LITER  
"D.L." MEANS DETECTABLE LIMIT  
"mg/L" MEANS MILLIGRAMS PER LITER OR PARTS PER MILLION  
"ug/L" MEANS MICROGRAMS PER LITER OR PARTS PER BILLION  
"ppb" MEANS MICROGRAMS PER LITER  
"ppm" MEANS MILLIGRAMS PER LITER  
"LRAA" MEANS LOCATIONAL RUNNING ANNUAL AVERAGE  
"Avg" MEANS AVERAGE  
"MCLG" MEANS MAXIMUM CONTAMINANT LEVEL GOAL  
"MRDL" MEANS MAXIMUM RESIDUAL DISINFECTANT LEVEL  
"MRDLG" MEANS MAXIMUM RESIDUAL DISINFECTANT LEVEL GOAL  
"AL" MEANS ACTION LEVEL  
"ND" MEANS NOT DETECTED  
"MFL" MEANS MILLION FIBERS PER LITER  
"MRL" MEANS MAXIMUM REPORTING LEVEL

INORGANIC CONTAMINANTS (5/22/2022)				
	MCL	MCLG	RESULT	
BARIUM	2	2	0.058	ppm
CADMIUM	5	5	0.1	ppb
CYANIDE	200	200	30	ppb

RADIOACTIVE CONTAMINANTS (2015)				
	MCL	RESULT		
GROSS BETA	50	5.7	pCi/L	
GROSS ALPHA	15	BDL	pCi/L	
URANIUM	0	0.0006	mg/L	

SYNTHETIC ORGANIC CONTAMINANTS (2024)				
	MCL	D.L.	RESULT	MCLG
	ug/L	ug/L	ug/L	
ALACHLOR (LASSO)	2	0.2	BDL	
ATRAZINE	3	0.1	BDL	
BENZO(A)PYRENE	0.2	0.02	BDL	
CARBOFURAN	40	0.9	BDL	
CHLORDANE (ALPHA & GAMMA)	2	0.05	BDL	
2,4 - D	70	0.15	BDL	
DALAPON	200	1	BDL	
DBCP	0.2	0.01	BDL	
DINOSEB	7	0.3	BDL	
2,3,7,8 - TCDD (DIOXIN)	30	5.0	BDL	
DIQUAT	20	0.66	BDL	
DI(2-ETHYLHEXYL) ADIPATE	400	0.5	BDL	
DI(2-ETHYLHEXYL)PHTHALATE	6	1	BDL	

ENDOTHALL	100	0.5	BDL
ENDRIN	2	0.01	BDL
ETHYLENE DIBROMIDE(EDB)	50	10	BDL
GLYPHOSATE(ROUND UP)	700	5	BDL

HEPTACHLOR	0.4	0.02	BDL
HEPTACHLOR EPOXIDE	0.2	0.02	BDL
HEXACHLOROBENZENE	1	0.1	BDL
HEXACHLOROCYCLOPENTADIENE	50	0.1	BDL
LINDANE	0.2	0.02	BDL
METHOXYCHLOR	40	0.1	BDL
OXAMY(VYDATE)	200	0.5	BDL
PENTACHLORPHENOL	1	0.04	BDL
PICLORAM ( TORDON)	500	0.15	BDL
PCBS	0.5	0	BDL
SIMAZINE	4	0.15	BDL
2,4,5 - TP(SILVEX)	50	0.08	BDL
TOXAPHENE	3	0.08	BDL
NITRATES(2/11/2024)	10	0.2	0.383

LIKELY SOURCES OF CONTAMINATION

LEAD: CORROSION OF HOUSEHOLD PLUMBING SYSTEMS, AND EROSION OF NATURAL DEPOSITS.  
COPPER: CORROSION OF HOUSEHOLD PLUMBING SYSTEMS.

VOLATILE ORGANIC CONTAMINANTS (2024)

	MCL	MRL	RESULT
	ug/L	ug/L	
BENZENE	5	0.5	ND
CARBON TETRACHLORIDE	5	0.5	ND
CHLOROBENZENE	100	0.5	ND
1,1,1,2 - TETRACHLOROETHANE	0	0.5	ND
1,2-DIBROMOETHANE	0	0.5	ND
1,2 - DICHLOROETHANE	5	0.5	ND
1,1 - DICHLOROETHYLENE	7	0.5	ND
1,2 - DICHLOROETHYLENE, CIS	70	0.5	ND
1,2 - DICHLOROETHYLENE, TRANS	100	0.5	ND
1,3-BUTADIENE	0	0.5	ND
1,1 - DICHLOROPROPENE	5	0.5	ND
ETHYLBENZENE	700	0.5	ND
STYRENE	100	0.5	ND
TETRACHLOROETHYLENE	5	0.5	ND
TOLUENE	1000	0.5	ND
1,2,4 - TRICHLOROBENZENE	70	0.5	ND
1,1,1 - TRICHLOROETHANE	200	0.5	ND
1,1,2 - TRICHLOROETHANE	5	0.5	ND
TRICHLOROETHYLENE	5	0.5	ND
VINYL CHLORIDE	2	0.2	ND
TOTAL XYLENES	10000	0.5	ND

UNREGULATED VIOLATILE ORGANIC CONTAMINANTS (2022)

	MCL	MRL	RESULT
	ug/L	ug/L	
BROMOBENZENE	0	0.5	ND
BROMOMETHANE	0	0.5	ND
CHLOROETHANE	0	0.5	ND
2,2 - DICHLOROPROPANE	0	0.5	1.4
1,3 - DICHLOROPROPANE	0	0.5	ND
1,1,1,2 - TETRACHLOROETHANE	0	0.5	ND
1,2,3 - TRICHLOROPROPANE	0	0.5	ND
DIBROMOCHLOROMETHANE	0	0.5	0.8
BROMODICHLOROMETHANE	0	0.5	ND
BROMOFORM	0	0.5	3.2
CHLOROFORM	0	0.5	ND
METHYL TERT-BUTYL ETHER	5000		ND

LEAD 90TH PERCENTILE (2023)	AL		15	5	ppb	Sites Over AL
COPPER 90TH PERCENTILE (2023)			1.3	0.4	ppm	1

	MCL	G	RESUL
	ug/L	ug/L	T ug/L
Patoka HALOACTIC ACIDS 5	60	0	32.8
Pit 2023-2024 LRAA RANGE 25 - 39			
HALOACTIC ACIDS 5	60	0	10.8
S. Claus 2023-2024 LRAA RANGE 1 - 28			
WWTP TOTAL TRIHALOMETHANES	80	0	44.3
Patoka 2023-2024 LRAA RANGE 23 - 65			
Pit TOTAL TRIHALOMETHANES	80	0	13.8
S. Claus 2023-2024 LRAA RANGE 3 - 21			
WWTP			
ASBESTOS(2020)	MFL	D.L.	RESULT
	7	0.16	BDL

	HighestRAA	Range	MRDL	MRDLG
2023 Chlorine (ppm)	1	0.2 - 8	4	4

Patoka Lake Regional Water District  
WATER QUALITY DATA 2024

Inorganic Contaminants(2024)

	MCL	D.L.	RESULT
	mg/L	mg/L	mg/L
Antimony	0.006	0.001	BDL
Arsenic	0.01	0.001	BDL
Barium	2	0.002	0.024
Beryllium	0.004	0.0003	BDL
Cadmium	0.005	0.0005	BDL
Chromium	1	0.0009	BDL
Fluoride	4	0.05	0.6
Mercury	0.002	0.0001	BDL
Nickel	0.1	0.001	BDL
Nitrite as N	1	0.01	BDL
Nitrate Nitrite as N	10	0.1	BDL
Nitrate as N	10	0.1	BDL
Selenium	0.05	0.002	BDL
Sodium	No MCL	0.1	2.8
Thallium	0.002	0.0003	BDL

Radioactive Contaminants(2023)

	MDC	RESULT	
		BDL	pCi/L
Radium 226-228	2023	0.77	BDL
Gross Alpha	2023	1.64	BDL

Synthetic Organic Contaminants(2024)

	MCL	D.L.	RESULT
	ug/L	ug/L	ug/L
Alachlor(Lasso)	2024	2	0.098
Atrazine	2024	3	0.098
Benzo(a)pyrene	2024	0.2	0.02
Carbofuran	2024	40	0.9
Chlordane(technical)	2024	2	0.1
2,4-D	2024	70	0.1
Dalapon	2024	200	1
DBCP	2024	0.2	0.01
Dinoseb	2024	7	0.1
2,3,7,8-TCDD(Dioxin)	2024	30 pg/L	5.0 pg/L
Diquat	2024	20	0.4
Di(2-ethylhexyl)adipate	2024	400	0.6
Di(2-ethylhexyl)phthalate	2024	6	0.6
Endothall	2024	100	9
Endrin	2024	2	0.01
Ethylene Dibromide(EDB)	2024	50 ng/L	10 ng/L
Glyphosate (Round-Up)	2024	700	6
Heptachlor	2024	0.4	0.04
Heptachlor Epoxide	2024	0.2	0.02
Hexachlorobenzene	2024	1	0.1
Hexachlorocyclopentadiene	2024	50	0.1
gamma-BHC Lindane	2024	0.2	0.02
Methoxychlor	2024	40	0.1
Oxamyl(Vydate)	2024	200	1
Pentachlorophenol	2024	1	0.04
Picloram(Tordon)	2024	500	0.1
Simazine	2024	4	0.07
2,4,5-TP(Silvex)	2024	50	0.1
Toxaphene	2024	3	1
1,2-Dibromoethane	2024	0.05	0.011
1,2-Dibromo-3-Chloropropan	2024	0.2	0.011

Definitions

"MCL"	means maximum contaminant level
"BDL"	means below detectable limit
"pCi/L"	means picocuries per liter
"D.L."	means detectable limit
"mg/L"	means part per million or milligrams per liter
"ug/L"	means part per billion or micrograms per liter
"ng/L"	means part per trillion or nanograms per liter
"pg/L"	means part per quadrillion or picograms per liter
"NTU"	Means nephelometric turbidity unit
"ug/L"	means part per billion or micrograms per liter

"U.C." means unregulated contaminates

"AL" Means Action Level

"MDC" means Minimum Detection Concentration (radioactivity)  
Volatile Organic Contaminants(2024)

	MCL	D.L.	RESULT
	ug/L	ug/L	ug/L
Benzene	5	0.5	BDL
Carbon Tetrachloride	5	0.5	BDL
Chlorobenzene	100	0.5	BDL
1,2-Dichlorobenzene	600	0.5	BDL
1,4-Dichlorobenzene	75	0.5	BDL
1,2-Dichloroethane	5	0.5	BDL
1,1-Dichloroethene	7	0.5	BDL
cis-1,2 Dichloroethylene	70	0.5	BDL
trans-1,2-Dichloroethylene	100	0.5	BDL
Dichloromethane	5	0.5	BDL
1,2-Dichloropropane	5	0.5	BDL
Ethylbenzene	700	0.5	BDL
Styrene	100	0.5	BDL
Tetrachloroethene	5	0.5	BDL
Toluene	1000	0.5	BDL
1,2,4-Trichlorobenzene	70	0.5	BDL
1,1,1-Trichloroethane	200	0.5	BDL
1,1,2-Trichloroethane	5	0.5	BDL
Trichloroethylene	5	0.5	BDL
Vinyl Chloride	2	0.2	BDL
Total Xylenes	10000	0.5	BDL

Lead and Copper				
	AL			RESULT
Lead 90th percentil	2023	15 g/L		6.7
Copper 90th persen	2023	1.3 mg/L		.423 mg/L

Highest Turbidity Measurement 2024

% In compliance	Highest measurement	month of occurrence
Treatment Plant 1	100	0.21 November
Treatment Plant 2	100	0.24 July

TOC	Collection Date	Highest Value	2024 Range	Unit
	8/11/2024	4.49	2.04-4.49	mg/L