The Water We Drink

TOWN OF PLAUCHEVILLE WATER SYSTM

Public Water Supply ID: LA1009013

We are pleased to present to you the Annual Water Quality Report for the year 2024. This report is designed to inform you about the quality of your water and services we deliver to you every day (Este informe contiene informaci6n muy importante sobre su agua potable. Traduzcalo o hable con alguien que lo entienda bien). 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 source(s) are listed below:

Source Name	Source Water Type
WELL 1	Ground water
WELL 2	Ground water
WELL3	Ground 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 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:

Micrgbial Coptaminapts . such .is viru♦es and bacteria, which may come from sewage treatment plants, septic systems, agriculturnl 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 Herbicide♦• which may1come from a variety of sources such as agriculture, urban stormwater runoff, c!nd residential uses.

Organic Chemical Contaminants - including synthetic and volatile organic chemicals, which are by-products of Industrlaf processes and petroleum production, and can also ccime 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.

A Source Water Assessment Plan (SWAP) is now available from our office. This plan is an assessment of a delineated area around our listed sources through which contaminants, if present, could migrate and reach our source water. It also includes an inventory of potential sources of contamination within the delineated area, and a determination of the water supply's susceptibility to contamination by the identified potential sources. According to the Source Water Assessment Plan, our water system had a susceptibility rating of 'HIGH'. If you would like to review the Source Water Assessment Plan, please feel free to contact our office.

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. Food and Drug Administration regulations establish limits for contaminan:s in bottled water which must provide the

same protection for public health. We want our valued customers to be informed about their water utility. If you have any questions about this report, want to attend any scheduled meetings, or simply want to learn more about your drinking water, please contact TERRELL ST ROMAIN at 318-922-3111.

This year added to the CCR report you can view the Lead Data & Lead Service Line Inventories on our webpage at plaucheville.com. Our letter grade for 2024 is a "C" and can be found on this same webpage.

There is no safe level of lead in drinking water. Exposure to lead in drinking water can cause serious health effects in alil age groups, especially pregnant people, infants (both formula-fed and breastfed), and young children. Some of the health effects to infants and children include decreases in IQ and attention span. Lead exposure can also result in new or worsened learning and behavior problems. The children of persons who are exposed to lead before or during pregnancy may be at increased risk of these harmful health effects. Adults have increased risks of heart disease, high blood pressure, kidney or nervous system problems. Contact your health care provider for more information about your risks.

The Louisiana Department of Health and Hospitals - Office of Public Health routinely monitors for constituents in your drinking water according to Federal and State laws. The tables that follow show the results of our monitoring during the period of January 1st to December 31st, 2024. 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.

In the tables below, 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:

Parts per million {ppm) or Milligrams per liter jmg/l) - one part per million co♦responds to one minute in two years or a single penny in $10,000.

Parts per billion (ppbj or Micrograms per liter {ug/Lj - one part per billion corresponds to one minute in 2,000 years, or a single penny in $10,000,000.

Picocuries per liter (pCi/L) - picocurIEls per liter is a measure of the radioactivity in water.

Treatment Technique (TT) - an enforceable procedure or level of technological performance which public water systems must follow to ensure control of a contaminant.

Action level (AL) -the concentration of a co1taminant that, if exceeded, triggers treatment or other requirements that a water system must follow,

Maximum contaminant level (MCL) - the "Maximum Allowed" MCL is the highest level of a contaminant that is allowed in drinking water. MCL's are set as close to the MCLG's as feasible using the best available treatment technology.

Maximum contaminant level goal {M:CLG)-the "Goal" is the level of a contaminant in drinking water below which there is no known or

expected risk to human health. MCLG's allow for a margin of safety.

Maximum residual disinfectant level (MRDL) - The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a d'1sinfect.int 1s necessal'y for control of microbial contaminants.

Maximum residual disinfectant level go.fil_{MRDLG)-The level of .i drinking w.iter 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 microbla! contaminants.

Level 1 assessment - A study of the water system to identify potential problems and determine {if possible) why total coliform b.icteri.i have been found in our water system.

level 2 Assessment-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.

Our water system tested a minimum of 4 sample(s) per month in accordance with the Total Coliform Rule for microbiological contaminants. With the microbiological samples collected, the water system collects disinfectant residuals to ensure control of microbial growth.

Disinfectant	Date	HighestRAA	Unit	Range	MRDL	MRDLG	Typlcal Source
CHLORINE	2024	1.1	ppm	0.11 • 2.04	4	4	Water additive used to control microbes

In the tables below, we have shown the regulated contaminants that were detected. Chemical Sampling of our drinking water may not be required on an annual basis; therefore, information provided in this table refers back to the latest year of chemical sampling results.

The State of Louisiana reg larly monitors source water per State and Federal Regulations. Treated water samples are monitored to further evaluate compliance.

Source Water Regulated Contaminants	Collection Date	Highest Value	Range	Unit	MCL	MCLG	Typical Source
ARSENIC	2/5/2023	1.2	I O • 1.2	ppb	10	0	Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronics production wastes
FLUORIDE	2/5/2023	0.3	0.2 - 0.3	ppm	4	4	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories

Treated Water Regulated Contaminants	Collection Date	Highest Value	Range	Unit	MCL	MCLG	Typical Source
NITRATE-NITRITE	3/26/2024	1.2	1.1. 1.2	ppm	10	10	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits

Lead an(l Copper	Date	90TH Percentile	Range	Unit	AL	Sites *Over* Al	Typical Source
COPPER, FREE	2019 - 2022	0.7	O- 1.4	ppm	1.3	1	Corrosion of household plumbing systems; Erosion of natural deposits; leaching from wood preservatives
LEAD	2019 - 2022	lo	0 - 3	ppb	15	0	Corrosion of household plumbing systems; Erosion of natural deposits

Disinfection Byproducts	Sample Point	Period	Highest LRAA	Range	Unit	MCL	MCLG	Typical Source
TOTAL HALOACETIC ACIDS (HAAS)	146 GIN ST	2023 - 2024	4	4.2	ppb	60	0	By-product of drinking water disinfection
TOTAL HALOACETIC ACIDS (HAAS)	2595,HWY 1181	2023 - 2024	5	5.3	ppb	60	0	By-product of drinking water disinfection
TTHM	146 GIN ST	2023 - 2024	2	2.2	ppb	80	0	By-product of drinking water chlorination
TTHM	2595.HWY 1181	2023 - 2024	lO	10.1	ppb	80	0	By-product of drinking water chlorination

Source Secondary Contaminants	Collection Date	Highest Value	Range	Unit	SMCL
ALUMINUM	2/5/2023	0.04	0.03 - 0.04	MG/L	0.2
HARDNESS, TOTAL (AS CAC03)	2/5/2023	68.4	59.6 - 68.4	MG/L	0
IRON	2/5/2023	0.69	0.23 - 0.69	MG/L	0.3
MANGANESE	2/5/2023	0.28	0.13 - 0.28	MG/L	0.05
PH	2/5/2023	5.98	5.89 - 5.98	PH	8.5
POTASSIUM	2/5/2023	1.1	1.1	MG/L	0
SODIUM	2/5/2023	10	9,9'-10	MG/L	0
SULFATE	2;s12023	8	7 - 8	MG/L	250

Treated Secondary Contaminants	Collection Date	Highest Value	Range	Unit	SMCL
MANGANESE	3/26/2024	0.09	0.05 -0.09	MG/L	0.05

++++++++++++++Environmental Protection Agency Required Health Effects Language++++++++++++++
Some people may be moreivulnerable 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. TOWN OF PLAUCHEVILLE WATER SYSTM 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 plumbi g and tal<ing 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 Standards Institute accredited certifier to reduce lead in drinking water. If you are concerned about lead in your water and wish to have your water tested, contact TOWN OF PLAUCHEVILLE WATER SYSTM and TERRELL ST ROMAIN BUS Phone: 318-922-3111. 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.

There are no additional required health effects notices.

There are no additional required health effects violation notices.

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Thank you for allowing us to continue providing your family with clean, quality water this year. In order to maintain a safe and dependable water supply we sometimes need to make improvements that will benefit all of our customers.

We at the TOWN OF PLAUCHEVILLE WATER SYSTM work around the clock to provide top quality drinking water to every tap. We ask that all our customers help us protect and conserve our water sources, which are the heart of our community, our way of life, and our children's future. Additional information on the water system can be found at www.ldh.la.gov/watergrade. Please call our office if you have questions.

LOUISIANA DEPARTMENT OF HEALTH
Engineering Services

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Parish: AVOYELLES .PWSID: LA1009013

2024 Water Grade

79 / 100 = 79%

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 Federal Water Quality	Points deducted for federal violations, which include Treatment Technique and Maximum Contaminant Level Violations, may pose a public health risk over an extended period of time. Max of 30 points	-0
 State Water Quality	Points deducted for state violations, which include no water operator, inadequate water disinfection, and boil notices and water outages, may lead to other issues of concern if not resolved. Max of 10 points	-1
 Financial Sustainability	Points deducted for lack of financial sustainability which can affect operation, and maintenance of the water system. An effective water rate can provide for the repair, maintenance, and future replacement of infrastructure, Max of 10 points	-5
 Operations & Maintenance	Points deducted for operation and maintenance deficiencies noted during water system inspections, which may affect the water quality being distributed to consumers. Max of 15 points	-0
 Infrastructure	Points deducted for infrastructure deficiencies noted during water system inspections, which may lead to unsafe drinking water and/or water service disruption. Max of 20 points	-0
 Customer Satisfaction	Points deducted for customer complaints received by the water system and/or the Louisiana Department of Health, which are confirmed to be a water quality or quantity issue in the water system. Max of 10 points	-10
 Secondary Contaminants	Points deducted for levels of iron and/or manganese greater than the secondary maximum contamina levels. These levels do not pose a health risk but may cause undesirable water quality issues. Max 6f s points	-5
	Points granted for having an asset management plan; a storage assessment and maintenance program; well assessment & maintenance program; participation in management training; or participation in a capacity development program. Max of 10 points	+0

www.ldh.la.gov/watergrade

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2024 Water Grade Details
TOWN OF PLAUCHEVILLE WATER SYSTM

Standard	Standard Maximum	Point Deductions	Detailed Assessment of Standards		System Deductions
Federal Water Quality	-30	5 each	Maximum contaminant level violations	0	- 0
		5 each	Treatment technique violations for Lead and Copper Rule	0	
		10	Is the system non-compliant with an administrative order?	No	
State Water Quality	-10	1 each	Chlorine violations	1	- 1
		5	Does the water system have an operator?	Yes	
		5 each	Water outages and/or boil notices	0	
Financial Sustainability	-10	5	Did the system submit an acceptable rate study or implement an adequate rate?	Yes	- 5
		5	Did the water system submit an acceptable audit?	No	
		10	Is the system under a fiscal administrator for poor financial management practices?	No	
		5	Are there other negative circumstances that affect fiscal control of the water system?	No	
Operations & Maintenance	-15	3 each	Unresolved significant deficiencies	0	- 0
Infrastructure	-20	5 each	Unresolved significant deficiencies	0	- 0
Customer Satisfaction	-10	1 each	Valid water complaints reported	0	- 10
		10	Did the system submit a water complaint log?	No	
Secondary Contaminants	-5	5	Manganese and/Or Iron level{s) over the secondary maximum contaminant level(s)	Yes	- 5
Bonus	+10	5 each	[illegible]	0	+ 0
			Total Deductions+ Bonus		-21
			Score		79 / 100 = 79%