

You may obtain a printed copy of the report in person at Pineville City Hall located at 910 Main Street, Pineville, Louisiana. If you have questions regarding the report contact Utility Director, Troy Burns at 318-449-5660.

# Water Quality Report 2024

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 the services we deliver to you every day. (Este informe contiene información muy importante sobre su agua potable. Tradúzcalo 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.

## Substances That Could be in 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 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.

## Source Water Assessment (SWAP)

A Source Water Assessment Plan (SWAP) is available in 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 'MEDIUM'. If you would like to review our Source Water Assessment Plan, please feel free to contact our office.

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 contaminants 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 Joe Bishop at 318-449-5650.

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. THE CITY OF PINEVILLE WATER SYSTEM is responsible for providing high quality drinking water but cannot control the variety of material 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: <http://www.epa.gov/safewater/lead>.

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 to understand these terms, we've provided the following definitions:

**Parts per million (ppm) or Milligrams per liter (mg/L)-**

One part per million corresponds to one minute in two years or a single penny in \$10,000.

**Parts per billion (ppb) or Micrograms per liter (ug/L)-**

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)-**

Picocuries per liter is a measure of the radioactivity in water.

**Maximum Residual disinfectant level (MRDL) -**

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

**Maximum Residual Disinfectant level goal (MRDLG) -**

Is 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.

**Action Level (AL)-**

This is the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

**Nephelometric Turbidity Unit (NTU) -**

Is a measure of the clarity or turbidity of water. Turbidity in excess of 5 NTU is just noticeable to the average person.

**Treatment Technique (TT)-**

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

**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 (MCLG)-**

The "Goal" is the level of a contaminant in drinking water below which there is no known or expected risk to human health. MCLGs allow for a margin of safety.

Our water system tested a minimum on 20 samples 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. The table below shows the results collected:

Disinfectant	Date	Highest RAA	Unit	Range	MRDL	MRDLG	Typical Source
Chlorine	2024	1.5	ppm	0.08-5.1	4	4	Water additive used to control microbes

**Where does my water come from?** City of Pineville water Department customers are fortunate because they enjoy and abundant water supply from one source: the Carnahan Aquifer. The City has 9 wells that pull from this aquifer. As a final step, our water is chlorinated for disinfection purposes prior to sending it into the distribution system and into your home or business.

*The following are our wells sites:*

Well	Well Source	Well	Well Source
WELL AT LIBUSE	GROUND WATER	HWY 3128 WELL, EAST	GROUND WATER
WELL AT ONEAL	GROUND WATER	WELL AT RUBY STREET	GROUND WATER
WELL AT LAKEVIEW	GROUND WATER	WELL AT HWY 107	GROUND WATER
WELL AT JEFFERSON HWY	GROUND WATER	WELL AT JANET DRIVE	GROUND WATER
HWY 3128 WELL, WEST	GROUND WATER		

## Water Testing & Monitoring

Our water is monitored for many kinds of contaminants on a very strict sampling schedule. 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 regularly monitors source water per State and Federal Regulations. Treated water samples are monitored to further evaluate compliance.

<u>Source Water Regulated Contaminants</u>	<u>Collection Date</u>	<u>Highest Value</u>	<u>Range</u>	<u>Unit</u>	<u>MCL</u>	<u>MCLG</u>	<u>Typical Source</u>
FLUORIDE	5/22/22	1.7	0.2-1.7	ppm	4	4	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories.
ARSENIC	5/22/22	2.2	0-2.2	ppb	10	0	Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronics production wastes
DI(2-ETHYLHEXYL) PHTHALATE	5/22/22	0.63	0-0.63	ppb	6	0	Runoff from herbicide use
<u>Treated Water Regulated Contaminants</u>	<u>Collection Date</u>	<u>Highest Value</u>	<u>Range</u>	<u>Unit</u>	<u>MCL</u>	<u>MCLG</u>	<u>Typical Source</u>
NITRATE-NITRITE	9/30/24	0.1	0- 0.1	ppm	10	10	Runoff from fertilizer use: Leaching from septic tanks, sewerage: Erosion of natural deposits.

Source Water Radiological Contaminants	Collection Date	Highest Value	Range	Unit	MCL	MCLG	Typical Source
GROSS BETA PARTICLE ACTIVITY	5/22/22	5.82	0 - 5.82	pCi/l	50	0	Decay of natural and man-made deposits.
Gross Alpha Particle Activity	5/22/22	3.7	0-3.7	pCi/l	15	0	Erosion of Natural deposits.
Treated Water Radiological Contaminants	Collection Date	Highest Value	Range	Unit	MCL	MCLG	Typical Source
COMBINED RADIUM (-226 & -228)	2/14/2019	1.556	1.556	pCi/l	5	0	Erosion of natural deposits
RADIUM -226	2/14/2019	0.819	0.819	pCi/L	5	0	Erosion of natural deposits
RADIUM -228	2/14/2019	0.737	0.737	PIC/L	5		Erosion of natural deposits

Disinfection Byproducts	Sample Point	Period	Result (Highest LRAA)	Range	Unit	MCL	MCLG	Typical Source
TOTAL HALOACETIC ACIDS (HAA5)	BAYOU MARIE RD	2023-2024	14	3.8-16.4	ppb	60	0	By-product of drinking water disinfection
TTHM	BAYOU MARIE	2023-2024	34	11.9-34.9-	ppb	80	0	By-product of drinking water chlorination

**Water Tap samples collected for Lead and Copper Analyses  
from 30 Sites throughout the Community:**

Lead and Copper	Date	90 <sup>TH</sup> Per-centile	Range	Unit	AL	Sites Over AL	Typical Source
COPPER, FREE	2020-2023	0.4	0 - 0.5	ppm	1.3	0	Corrosion of household plumbing systems; Erosion of natural deposits; Leaching from wood preservatives
LEAD	2020-2023	2	0 - 9	ppb	15	0	Corrosion of household plumbing systems; Erosion of natural deposits

Source Secondary Contaminants	Collection Date	Highest Value	Range	Unit	SMCL
CHLORIDE	5/22/2022	565	0-565	MG/L	250
PH	5/22/2022	8.17	6.2-8.17	PH	8.5
HARDNESS, TOTAL	5/22/2022	29.8	0 – 29.8	MG/L	0
POTASSIUM	5/22/2022	5.4	0.8-5.4	MG/L	0
SODIUM	5/22/2022	458.2	48.1-458.2	MG/L	0
SULFATE	5/22/2022	15	0-15	MG/L	250
MANGANESE	5/22/2022	0.04	0-0.04	MG/L	0.05
IRON	6/12/2022	0.14	0-0.14	MG/L	0.3
Treated Secondary Contaminants	Collection Date	Highest Value	Range	Unit	SMCL
IRON	9/30/2024	.12	0-0.12	MG/L	0.3
MAGANESE	9/30/2024	.01	0-0.01	MG/L	0.05

Unregulated contaminants are those that do not yet have a drinking water standard set by USEPA. The purpose of monitoring for these contaminants is to help USEPA decide whether the contaminants should have a standard. The below detected results were collected by the State to evaluate water systems for unregulated contaminants.

Unregulated Contaminant	Collection Date	Average Concentration	Range	Unit
PERFLUOROOCTANE SULFONIC ACID 6:2 FTS	2024	6	6-6	ppt

During 2024 we had the following violations because they were not resolved by the due date:

ANALYTE	COMPLIANCE PERIOD	TYPE
GROUNDWATER RULE	12/31/24	FAILURE ADDRESS DEFICIENCY (GWR)

Our water system grade for 2024 is 73/100. Our water system report card can be found at:

[https://www.ldh.la.gov/assets/oph/Center-EH/drinkingwater/Watergrade/WaterGrade-2024/Rapides/LA1079016\\_WaterGrade\\_2024.pdf](https://www.ldh.la.gov/assets/oph/Center-EH/drinkingwater/Watergrade/WaterGrade-2024/Rapides/LA1079016_WaterGrade_2024.pdf)

OR

Go to: [www.ldh.la.gov/watergrade](http://www.ldh.la.gov/watergrade)

### **Important 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 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) or at: <http://water.epa.gov/drink/hotline>.

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. CITY OF PINEVILLE WATER SYSTEM 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 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 CITY OF PINEVILLE WATER SYSTEM and JOE BISHOP BUS Phone: 318-449-5650. 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>.

We recently completed our Lead Service Line Inventory and are pleased to let you know we found no lead lines in our system. For additional information please call 318-445-5688.

### **Information on the Internet**

The U.S. EPA Office of Water ([www.epa.gov](http://www.epa.gov)) and the Centers for Disease Control and Prevention ([www.cdc.gov](http://www.cdc.gov)) Web sites provide a substantial amount of information on many issues relating to water resources, water conservation, and public health.

### **Community Participation**

You are invited to participate in our public forum and voice your concerns about your drinking water. We meet the second Tuesday of each month, beginning at 6 p.m. at City Hall, 910 Main Street, Pineville, LA.

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 City of PINEVILLE WATER SYSTEM 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. Please call our office if you have any questions. (318-449-5688)**