

The Water We Drink

OIL CITY WATER WORKS Public Water Supply ID: LA1017026

We are pleased to present to you the Annual Water Quality Report for the year 2020. This report is designed to inform you about the quality of your water and 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.

Our water source(s) are listed below:

Source Name	Source Water Type	Source Water Body Name
CADDO LAKE INTAKE	Surface Water	CADDO LAKE

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:

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.

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 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 JAMES SIMS at 318-995-6681.

1/1/2020 - 3/31/2020	TOTAL HALOACETIC ACIDS (HAA5)	MCL, LRAA
1/1/2020 - 3/31/2020	TOTAL HALOACETIC ACIDS (HAA5)	MCL, LRAA
1/1/2020 - 3/31/2020	TTHM	MCL, LRAA
1/1/2020 - 3/31/2020	TTHM	MCL, LRAA
1/1/2020 - 3/31/2020	PUBLIC NOTICE	PUBLIC NOTICE RULE LINKED TO VIOLATION
4/1/2020 - 6/30/2020	TOTAL HALOACETIC ACIDS (HAA5)	MCL, LRAA
4/1/2020 - 6/30/2020	TTHM	MCL, LRAA
4/1/2020 - 6/30/2020	TTHM	MCL, LRAA
4/1/2020 - 6/30/2020	PUBLIC NOTICE	PUBLIC NOTICE RULE LINKED TO VIOLATION
7/1/2020 - 9/30/2020	TTHM	MCL, LRAA
7/1/2020 - 9/30/2020	TTHM	MCL, LRAA
7/1/2020 - 9/30/2020	TOTAL HALOACETIC ACIDS (HAA5)	MCL, LRAA
7/1/2020 - 9/30/2020	PUBLIC NOTICE	PUBLIC NOTICE RULE LINKED TO VIOLATION
10/1/2020 - 12/31/2020	TOTAL HALOACETIC ACIDS (HAA5)	MCL, LRAA
10/1/2020 - 12/31/2020	TTHM	MCL, LRAA
10/1/2020 - 12/31/2020	TTHM	MCL, LRAA
10/1/2020 - 12/31/2020	TTHM	MCL, LRAA

Our water system tested a minimum of 2 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.

Disinfectant	Date	Highest RAA	Unit	Range	MRDL	MRDLG	Typical Source
CHLORAMINE	2020	1.9	ppm	0.03 - 3.48	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.

Regulated Contaminants	Collection Date	Highest Value	Range	Unit	MCL	MCLG	Typical Source
DALAPON	8/10/2020	2.5	0 - 2.5	ppb	200	200	Runoff from herbicide used on rights of way

Radionuclides	Collection Date	Highest Value	Range	Unit	MCL	MCLG	Typical Source
GROSS BETA PARTICLE ACTIVITY	2/11/2020	3.26	3.26	pCi/l	50	0	Decay of natural and man-made deposits. Note: The gross beta particle activity MCL is 4 millirems/year annual dose equivalent to the total body or any internal organ. 50 pCi/L is used as a screening level.

Lead and Copper	Date	90 TH Percentile	Range	Unit	AL	Sites Over AL	Typical Source
No Detected Results were Found in the Calendar Year of 2020							

Disinfection Byproducts	Sample Point	Period	Highest LRAA	Range	Unit	MCL	MCLG	Typical Source
TOTAL HALOACETIC ACIDS (HAA5)	10011 HIGHWAY 1 NORTH	2020	70	28 - 134.4	ppb	60	0	By-product of drinking water disinfection
TOTAL HALOACETIC ACIDS (HAA5)	11845 GAMM ROAD	2020	20	14 - 20.8	ppb	60	0	By-product of drinking water disinfection

Regulated Contaminants	Collection Date	Highest Value	Range	Unit	MCL	MCLG	Typical Source
Turbidity	1-1-2020 – 12-31-2020	0.63	.022-0.63	NTU	0.3		Soil Runoff

Highest combined turbidity for each month of 2020

January – 0.22 NTU
 February – 0.18 NTU
 March – 0.14 NTU
 April – 0.18 NTU
 May – 0.11 NTU
 June – 0.63 NTU
 July – 0.12 NTU
 August – 0.10 NTU
 September- 0.09 NTU
 October - 0.24 NTU
 November – 0.27 NTU
 December - 0.17 NTU

Monthly Percentage of Samples Met 99% Turbidity Limits.

Turbidity level of representative samples of a systems filtered water must be less than or equal 0.3 NTU in at least 95% of the measurements taken each month.

“Turbidity is a Measure of the cloudiness of the water. We monitor it because it is a good indicator of the effectiveness of our filtration system. The major sources of turbidity include soil runoff.”

“Turbidity has no health effects. However, turbidity can interfere with disinfection and provide a medium for microbial growth. Turbidity may indicate the presence of disease-causing organisms. These organisms include bacteria, viruses, and parasites that can cause symptoms such as nausea, cramps, diarrhea, and associated headaches.”

Unresolved Significant Deficiencies -- No Auxiliary backwash pump

THHM & HAAS Compliance

We at the OIL CITY WATER WORKS 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 questions.

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