

The Water We Drink

SLIGO WATER SYSTEM INCORPORATED

Public Water Supply ID: LA1015044

We are pleased to present to you the Annual Water Quality Report for the year 2021. 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
WELL #2	Ground Water
WELL #3	Ground Water
WELL #1	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:

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 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 CHERYL MCINTYRE at 318-464-7995.

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. SLIGO WATER SYSTEM INCORPORATED 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 <http://www.epa.gov/safewater/lead>.

The Louisiana Department of 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, 2021. 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 (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.

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 contaminant 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 (MCLG) – 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 disinfectant is necessary for control of microbial contaminants.

Maximum residual disinfectant level goal (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.

Level 1 assessment – 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 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.

During the period covered by this report we had the below noted violations.

Compliance Period	Analyte	Type
6/2/2021	GROUNDWATER RULE	FAILURE ADDRESS DEFICIENCY (GWR)
6/2/2021 - 8/16/2021	GROUNDWATER RULE	FAILURE ADDRESS DEFICIENCY (GWR)
6/2/2021	PUBLIC NOTICE	PUBLIC NOTICE RULE LINKED TO VIOLATION

Our water system tested a minimum of 3 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	HighestRAA	Unit	Range	MRDL	MRDLG	Typical Source
--------------	------	------------	------	-------	------	-------	----------------

CHLORINE	2021	1.3	ppm	0.5 - 3.6	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. To determine compliance with the primary drinking water standards, the treated water is monitored when a contaminant is elevated in the source water.

Source Water Regulated Contaminants	Collection Date	Highest Value	Range	Unit	MCL	MCLG	Typical Source
FLUORIDE	10/20/2020	0.1	0 - 0.1	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
ARSENIC	4/1/2021	5	2.9 - 5	ppb	10	0	Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronics production wastes
BARIUM	10/7/2021	0.24	0 - 0.24	ppm	2	2	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
NITRATE-NITRITE	4/1/2021	0.9	0.9	ppm	10	10	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
SELENIUM	4/1/2021	15	5.3 - 15	ppb	50	50	Discharge from petroleum and metal refineries; Erosion of natural deposits; Discharge from mines

Source Water Radiological Contaminants	Collection Date	Highest Value	Range	Unit	MCL	MCLG	Typical Source
GROSS ALPHA PARTICLE ACTIVITY	10/20/2020	4.3	0 - 4.3	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)	4/6/2021	0.812	0 - 0.812	pCi/l	5	0	Erosion of natural deposits

Lead and Copper	Date	90 TH Percentile	Range	Unit	AL	Sites Over AL	Typical Source
COPPER, FREE	2021	0.4	0 - 1.7	ppm	1.3	1	Corrosion of household plumbing systems; Erosion of natural deposits; Leaching from wood preservatives
LEAD	2021	3	0 - 17	ppb	15	1	Corrosion of household plumbing systems; Erosion of natural deposits

Disinfection Byproducts	Sample Point	Period	Highest LRAA	Range	Unit	MCL	MCLG	Typical Source
No Detected Results were Found in the Calendar Year of 2021								

Source Secondary Contaminants	Collection Date	Highest Value	Range	Unit	SMCL
CHLORIDE	10/20/2020	163	97 - 163	MG/L	250
PH	10/20/2020	6.41	6 - 6.41	PH	8.5
SULFATE	10/20/2020	11	5 - 11	MG/L	250

Treated Secondary Contaminants	Collection Date	Highest Value	Range	Unit	SMCL
ALUMINUM	1/15/2021	0.1	0 - 0.1	MG/L	0.2
IRON	4/1/2021	0.19	0.09 - 0.19	MG/L	0.3
MANGANESE	9/7/2021	0.17	0.14 - 0.17	MG/L	0.05
ZINC	10/7/2021	1.2	1 - 1.2	MG/L	5

Unresolved significant deficiencies that were identified during a survey done on the water system are shown below.					
Date Identified	Facility	Code	Activity	Due Date	Description
02/10/2021	WATER SYSTEM	20CC1 7B	GWR ADDRESS TT45 DEFICIENCIES	6/1/2021	LAC 51:XII.344.B - In order to protect its water supply from potential contamination, each water supplier shall develop and implement a written backflow prevention plan outlining the policies and procedures it will use to verify that its customers comply with mandatory containment practices.

+++++Environmental Protection Agency Required Health Effects Language+++++

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).

Additional Required Health Effects Language:

Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially-harmful, bacteria may be present. Coliforms were found in more samples than allowed and this was a warning of potential problems.

Infants and children are typically more vulnerable to lead in drinking water than the general population. It is possible that lead levels at your home may be higher than at other homes in the community as a result of materials used in your home's plumbing. If you are concerned about elevated lead levels in your home's water, you may wish to have your water tested and flush your tap for 30 seconds to 2 minutes before using tap water. Additional information is available from the Safe Drinking Water Hotline (800-426-4761).

There are no additional required health effects violation notices.

+++++

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 SLIGO WATER SYSTEM INCORPORATED 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.



State of Louisiana
Louisiana Department of Health

April 18, 2022

Dear water system administrator,

In an effort to address public notification requirements, the water system can elect to place the following information into their annual CCR to receive credit for compliance with the public notification requirements. article. If you send your CCR report to your consumer in one form, please note, the water system is still required to submit two forms of notification 1.) Hand delivery/Mail and 2.) Newspaper. The public notification information is provided below the line.

LA1015044 SLIGO WATER SYSTEM INCORPORATED

The above named water system was in violation of the requirements indicated below during the provided timeframes. The violations require notification to the public.

Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.

FAILURE ADDRESS DEFICIENCY (GWR)

The following violation(s) occurred because the water system failed to correct all significant deficiencies by the required due date.

This is not an emergency. If it had been an emergency, you would have been notified within 24 hours. This significant deficiency has the potential to result in lack of proper treatment and oversight of the water system. Inadequately treated or inadequately protected water may contain disease-causing organisms. These organisms can cause symptoms such as diarrhea, nausea, cramps, and associated headaches. While we have not detected any evidence of contamination or other health threats related to our source water, we are still committed to correcting the deficiency to eliminate the threat of contamination.

8/2/2015

6/2/2021

FOLLOW-UP OR ROUTINE TAP M/R (LCR)

The following violation(s) occurred because the water system failed to monitor for the specified analytes during the provided timeframes, and therefore we cannot be sure of the quality of your drinking water during that time.

1/1/2018

6/30/2018

7/1/2018

12/31/2018

1/1/2019

6/30/2019

Note: If you have completed these public notices previously, the information may not have been received by LDH. Please send copies to the address indicated in the footer below, and we will get these addressed. you can also submit electronically to Spencer.Hillyard@la.gov and Sean.Nolan@la.gov

6/30/2020

12/31/2020

MCL, AVERAGE

Public notice is required for exceeding the maximum contaminant level for arsenic in tests performed on water from the supply. This is not an emergency. You do not need to boil your water or take other corrective actions

Some people who drink water containing arsenic in excess of the MCL over many years could experience skin damage or problems with their circulatory system, and may have an increased risk of getting cancer.

3/31/2018

9/30/2018

12/31/2018

WATER QUALITY PARAMETER M/R (LCR)

The following violation(s) occurred because the water system failed to monitor for the specified analytes during the provided timeframes, and therefore we cannot be sure of the quality of your drinking water during that time.

12/31/2017

6/30/2019

Note: If you have completed these public notices previously, the information may not have been recieved by LDH. Please send copies to the address indicated in the footer below, and we will get these addressed. you can also submit electronically to Spencer.Hillyard@la.gov and Sean.Nolan@la.gov

LDH – OPH • ENGINEERING SERVICES
P.O. BOX 4489 • BATON ROUGE, LOUISIANA 70821-4489
PHONE: 225-342-7499 • FAX: 225-342-7303 • ldh.la.gov
"AN EQUAL OPPORTUNITY EMPLOYER"