Redland Water Supply Corporation

2021 Annual Drinking Water Quality Report

(Consumer Confidence Report for the Period of January 1 to December 31, 2021)

PWS# TX0030028 2687 FM 2021 •Lufkin, TX 75901 Phone No. (936) 634-5070 Web Address: redlandwsc.myruralwater.com

We are once again proud to present our annual water quality report covering all testing performed between January 1, 2021 to December 31, 2021. This report is intended to provide you with information about your drinking water and the efforts made by the water system to provide safe drinking water. Over the years we have dedicated ourselves to producing drinking water that meets all state and federal standards. We continually strive to adopt new methods for delivering the best quality drinking water to you. As new challenges to drinking water safety emerge, we remain vigilant in meeting the goals of source water protection, water conservation, and community education while continuing to serve the needs of all our water users. Please share with us your thoughts or concerns about the information in this report. After all, well-informed customers are the best allies. For more information about this report, or for any questions relating to your drinking water, please call Guy Ham, Manager, at (936) 634-5070. Este reporte incluye informacion importante sobre el agua para tomar. Para asistencia en espanol, favor de llamar al telefono (936) 634-5070.

COMMUNITY PARTICIPATION	SOURCE WATER ASSESSMENT
You are invited to participate in our public forum and voice	The Texas Commission on Environmental Quality (TCEQ)
your concerns about your drinking water. Meetings are held	completed an assessment of our source water and results
the 3 rd Tuesday of each month beginning at 4:00 p.m. at the	indicate that some of our sources are susceptible to certain
Redland Water Supply office located at 2687 FM 2021.	contaminants. The sampling requirements for the water system
	are based on this susceptibility and previous sample data.
IMPORTANT HEALTH INFORMATION	
You may be more vulnerable than the general population to	Contaminants that may be present in source water
certain microbial contaminants such as Cryptosporidium, in	include:
drinking water. Infants, some elderly, or immuno-compromised	
persons such as those undergoing chemotherapy for cancer;	• Microbial contaminants, such as viruses and bacteria, which
those who have undergone organ transplants; those who are	may come from sewage treat plants, septic systems,
undergoing treatment with steroids; and people with HIV/AIDS	agricultural livestock operations and wild life.
or other immune system disorders can be particularly at risk	
from infections. You should seek advice about drinking water	• Inorganic contaminants, such as salts and metals, which can
from your physician or health care provider. Additional	be naturally-occurring or results from urban storm water
guidelines on appropriate means to lessen the risk of infection	runoff, industrial or domestic wastewater discharges, oil and
by Cryptosporidium are available from the Safe Drinking Water	gas production, mining, or farming.
Hotline (800-426-4791).	
	 Pesticides and herbicides, which may come from a variety of
REDLAND WSC WATER SOURCES	sources such as agriculture, urban storm water runoff, and
Customers of Redland Water Supply Corporation receive their	residential uses.
drinking water from two wells and purchased water from the	
City of Lufkin. Both wells and purchased water are pumped	Organic chemical contaminants, including synthetic and
groundwater from the Carrizo Sand aquifer.	volatile organic chemicals, which are by-products of industrial
	processes and petroleum production, and can also come from
EPA prescribes regulations which limit the amount of certain	gas stations, urban storm water runoff, and septic systems.
contaminants in water provided by public water systems to	
ensure that tap water is safe to drink.	 Radioactive contaminants, which can be naturally-occurring
The Food and Drug Administration regulations establish limits	or be the result of oil and gas production and mining activities.
for contaminants in bottled water, which must provide the	
same protection for public health.	Any detection of these contaminants will be found in this
	Consumer Confidence Report. For more information on source
Contaminants may be found in drinking water that may cause	water assessments and protection efforts at our system
taste, color, or odor problems. These types of problems are not	contact the Redland Water Supply Corporation Manager at
necessarily causes for health concerns.	936-634-5070.
For more concerns with taste, odor, or color of drinking water,	
Safe Drinking Water Hotline (800-426-4791).	

Definitions:

ppm – milligrams per liter or parts per million

- **ppb** micrograms per liter or parts per billion**ppt** nanograms per liter or parts per trillion
- **ppq** pictograms per liter or parts per quadrillion

PCi/L – picocuries per liter (a measure of radioactivity)

MFL – million fibers per liter (a measure of asbestos)

Mren/year – millirems per year (a measure of radiation absorbed by the body)

NTU - nephelometric turbidity units (a measure of turbidity)

MCLG – (Maximum Contaminant Level Goal) – The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLG's allow or a margin of safety.

N/A – non applicable

MCL – (Maximum Contamination Level) – The highest level of a contaminant that is allowed in drinking water. MCL's are as close to the MCLC as feasible using the best available treatment technology.

MRDL (Maximum residual Disinfectant Level) – 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.

(HAA5) Image: Constraint of the total Image: Constraint of total Image: Constraint of total	MCL	Tota	al Colifo	rm MCL	-				l Coliform		Total No. of				/iolatio	DN Likely source of Contaminat	
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Disinfectant residual-2021: Average level-3.195 Range of levels detected- 0.20-6.10

Trihalomethanes (TTHM's) Violations for the year of 2021

7/15/2021 – DBP2-01, 691 Duncan Slough-(80.2)

10/06/2021- DBP-01- Duncan Slough- 93.4- (93.4)

10/06/2021-DBP-02- 7723 US HWY 59 North-(85.1)

3452 FM 2021 Sample Number NOHO45402-Routine Sample TX00962- Positive for Coliform (TCR) 3100 on 8/1/2020

Resample on 8/1/2020 Absent for E-COLI and all others.