Annual Report

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2020 Consumer Confidence Report for Public Water System CITY OF GLEN ROSE

This is your water quality report for January 1 to December 31, 2020

CITY OF GLEN ROSE provides surface water and ground water from **the Wheeler Branch Reservoir,** as well as, groundwater produced by water wells pumping from the Trinity Aquifer located in **Somervell County**.

For more information regarding this report contact:

Name Jim Holder

Phone (254) 897-2272

Este reporte incluye información importante sobre el agua para tomar. Para asistencia en español, favor de llamar al telefono (254) 897-2272.

Community Participation

If you would like the opportunity to participate in decisions that may affect the quality of our water, you may attend a regularly scheduled City Council Meeting at City Hall (201 N.E. Vernon St.) on the second Tuesday of every month at 5:30 pm.

Definitions and Abbreviations

Definitions and Abbreviations	The following tables contain scientific terms and measures, some of which may require explanation.
Action Level:	The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.
Avg:	Regulatory compliance with some MCLs are based on running annual average of monthly samples.
Level 1 Assessment:	A Level 1 assessment is 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 Level 2 assessment is 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.
Maximum Contaminant Level or MCL:	The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.
Maximum Contaminant Level Goal or MCLG:	The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.
Maximum residual disinfectant level or 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 or 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.
MFL	million fibers per liter (a measure of asbestos)
mrem:	millirems per year (a measure of radiation absorbed by the body)
na:	not applicable.
NTU	nephelometric turbidity units (a measure of turbidity)
pCi/L	picocuries per liter (a measure of radioactivity)

Definitions and Abbreviations

ppb:	micrograms per liter or parts per billion
ppm:	milligrams per liter or parts per million
ppq	parts per quadrillion, or picograms per liter (pg/L)
ppt	parts per trillion, or nanograms per liter (ng/L)
Treatment Technique or TT:	A required process intended to reduce the level of a contaminant in drinking water.

Information about your Drinking 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 the 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.

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. More information about contaminants and potential health effects can be obtained by calling the EPAs Safe Drinking Water Hotline at (800) 426-4791.

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.

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. FDA regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

Contaminants may be found in drinking water that may cause taste, color, or odor problems. These types of problems are not necessarily causes for health concerns. For more information on taste, odor, or color of drinking water, please contact the system's business office.

You may be more vulnerable than the general population to certain microbial contaminants, such as Cryptosporidium, in drinking water. Infants, some elderly, or immunocompromised persons such as those undergoing chemotherapy for cancer; persons who have undergone organ transplants; those who are undergoing treatment with steroids; and people with HIV/AIDS or other immune system disorders, can be particularly at risk from infections. You should seek advice about drinking water from your physician or health care providers. Additional guidelines on appropriate means to lessen the risk of infection by Cryptosporidium are available from the Safe Drinking Water Hotline (800-426-4791).

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. We are responsible for providing high quality drinking water, but we 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.

Information about Source Water

CITY OF GLEN ROSE purchases water from SOMERVELL COUNTY WATER DISTRICT - WHEELE. SOMERVELL COUNTY WATER DISTRICT - WHEELE provides purchase surface water from **Wheeler Branch Reservoir located in Somervell County.**

TCEQ completed an assessment of your source water, and results indicate that some of our sources are susceptible to certain contaminants. The sampling requirements for your water system is based on this susceptibility and previous sample data. Any detections of these contaminants will be found in this Consumer Confidence Report. For more information on source water assessments and protection efforts at our system contact Jim Holder (254) 897-2272.

Lead and Copper	Date Sampled	MCLG	Action Level (AL)	90th Percentile	# Sites Over AL	Units	Violation	Likely Source of Contamination
Copper	09/26/2019	1.3	1.3	0.086	0	ppm	N	Erosion of natural deposits; Leaching from wood preservatives; Corrosion of household plumbing systems
Lead	09/26/2019	0	15	1.2	0	ppb	N	Corrosion of household plumbing systems; Erosion of natural deposits.

2020 Water Quality Test Results

Disinfection By-Products	Collection Date	Highest Level Detected	Range of Individual Samples	MCLG	MCL	Units	Violation	Likely Source of Contamination

Haloacetic Acids (HAA5)	2020	19	0 - 20.4	No goal for the total	60	ppb	N	By-product of drinking water disinfection.

*The value in the Highest Level or Average Detected column is the highest average of all HAA5 sample results collected at a location over a year

Total Trihalomethanes (TTHM)	2020	80	0 - 78.9	No goal for the total	80	ppb	N	By-product of drinking water disinfection.

*The value in the Highest Level or Average Detected column is the highest average of all TTHM sample results collected at a location over a year

Inorganic Contaminants	Collection Date	Highest Level Detected	Range of Individual Samples	MCLG	MCL	Units	Violation	Likely Source of Contamination
Barium	05/01/2019	0.05	0.043 - 0.05	2	2	ppm	N	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits.
Fluoride	2020	0.283	0.242 - 0.283	4	4.0	ppm	N	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories.
Nitrate [measured as Nitrogen]	2020	0.0411	0 - 0.0411	10	10	ppm	N	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.

Radioactive Contaminants	Collection Date	Highest Level Detected	Range of Individual Samples	MCLG	MCL	Units	Violation	Likely Source of Contamination
Beta/photon emitters	03/02/2015	6.8	0 - 6.8	0	50	pCi/L*	N	Decay of natural and man-made deposits.

*EPA considers 50 pCi/L to be the level of concern for beta particles.

Combined Radium 226/228	03/02/2015	3.6	1.5 - 3.6	0	5	pCi/L	N	Erosion of natural deposits.
Gross alpha excluding radon and uranium	03/02/2015	3.6	0 - 3.6	0	15	pCi/L	N	Erosion of natural deposits.

Disinfectant Residual

Disinfectant Residual	Year	Average Level	Range of Levels Detected	MRDL	MRDLG	Unit of Measure	Violation (Y/N)	Source in Drinking Water

	2020	1.14	.37-2.1	4	4	ppm	N	Water additive used to control microbes.

The following listed violations are NOT associated with the purchased surface water from the Somervell County Water District. The violations are ONLY associated with the ground water supplied by the City of Glen Rose. The City owns and operates a total of five water wells located within its water system. We failed to monitor and/or report the following constituents at one of the five wells, resulting in the following violations.

Violations

1,1,1-Trichloroethane

Some people who drink water containing 1,1,1-trichloroethane in excess of the MCL over many years could experience problems with their liver, nervous system, or circulatory system.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	10/01/2020	12/31/2020	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

1,1,2-Trichloroethane

Some people who drink water containing 1,1,2-trichloroethane well in excess of the MCL over many years could have problems with their liver, kidneys, or immune systems.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	10/01/2020	12/31/2020	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

1,1-Dichloroethylene

Some people who drink water containing 1,1-dichloroethylene in excess of the MCL over many years could experience problems with their liver.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	10/01/2020	12/31/2020	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Violations

1,2,4-Trichlorobenzene

Some people who drink water containing 1,2,4-trichlorobenzene well in excess of the MCL over many years could experience changes in their adrenal glands.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	10/01/2020	12/31/2020	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

1,2-Dichloroethane

Some people who drink water containing 1,2-dichloroethane in excess of the MCL over many years may have an increased risk of getting cancer.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	10/01/2020	12/31/2020	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

1,2-Dichloropropane

Some people who drink water containing 1,2-dichloropropane in excess of the MCL over many years may have an increased risk of getting cancer.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	10/01/2020	12/31/2020	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

2,4,5-TP (Silvex)

Some people who drink water containing silvex in excess of the MCL over many years could experience liver problems.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	10/01/2020	12/31/2020	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

2,4-D

Some people who drink water containing the weed killer 2,4-D well in excess of the MCL over many years could experience problems with their kidneys, liver, or adrenal glands.

Violation Type	Violation Begin	Violation End	Violation Explanation

Violations

MONITORING, ROUTINE MAJOR	10/01/2020	12/31/2020	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Alachlor

Some people who drink water containing alachlor in excess of the MCL over many years could have problems with their eyes, liver, kidneys, or spleen, or experience anemia, and may have an increased risk of getting cancer.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	10/01/2020	12/31/2020	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Antimony

Some people who drink water containing antimony well in excess of the MCL over many years could experience increases in blood cholesterol and decreases in blood sugar.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2020	12/31/2020	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Arsenic

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.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2020	12/31/2020	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Atrazine

Some people who drink water containing atrazine well in excess of the MCL over many years could experience problems with their cardiovascular system or reproductive difficulties.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	10/01/2020	12/31/2020	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Violations

Barium

Some people who drink water containing barium in excess of the MCL over many years could experience an increase in their blood pressure.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2020	12/31/2020	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Benzene

Some people who drink water containing benzene in excess of the MCL over many years could experience anemia or a decrease in blood platelets, and may have an increased risk of getting cancer.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	10/01/2020	12/31/2020	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Benzo(a)pyrene

Some people who drink water containing benzo(a)pyrene in excess of the MCL over many years may experience reproductive difficulties and may have an increased risk of getting cancer.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	10/01/2020	12/31/2020	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Beryllium

Some people who drink water containing beryllium well in excess of the MCL over many years could develop intestinal lesions.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2020	12/31/2020	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Cadmium

Some people who drink water containing cadmium in excess of the MCL over many years could experience kidney damage.

Violation Type	Violation Begin	Violation End	Violation Explanation

Violations

MONITORING, ROUTINE MAJOR	01/01/2020	12/31/2020	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Carbofuran

Some people who drink water containing carbofuran in excess of the MCL over many years could experience problems with their blood, or nervous or reproductive systems.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	10/01/2020	12/31/2020	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Carbon Tetrachloride

Some people who drink water containing carbon tetrachloride in excess of the MCL over many years could experience problems with their liver and may have an increased risk of getting cancer.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	10/01/2020	12/31/2020	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Chlordane

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

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	10/01/2020	12/31/2020	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Chlorobenzene

Some people who drink water containing chlorobenzene in excess of the MCL over many years could experience problems with their liver or kidneys.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	10/01/2020	12/31/2020	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Violations

Chromium

Some people who use water containing chromium well in excess of the MCL over many years could experience allergic dermatitis.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2020	12/31/2020	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Cyanide

Some people who drink water containing cyanide well in excess of the MCL over many years could experience nerve damage or problems with their thyroid.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2020	12/31/2020	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Dalapon

Some people who drink water containing dalapon well in excess of the MCL over many years could experience minor kidney changes.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	10/01/2020	12/31/2020	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Di (2-ethylhexyl) adipate

Some people who drink water containing di (2-ethylhexyl) adipate well in excess of the MCL over many years could experience general toxic effects or reproductive difficulties.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	10/01/2020	12/31/2020	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Di (2-ethylhexyl) phthalate

Some people who drink water containing di (2-ethylhexyl) phthalate in excess of the MCL over many years may have problems with their liver, or experience reproductive difficulties, and may have an increased risk of getting cancer.

Violation Type	Violation Begin	Violation End	Violation Explanation

Violations

MONITORING, ROUTINE MAJOR	10/01/2020	12/31/2020	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Dibromochloropropane (DBCP)

Some people who drink water containing DBCP in excess of the MCL over many years could experience reproductive difficulties and may have an increased risk of getting cancer.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	10/01/2020	12/31/2020	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Dichloromethane

Some people who drink water containing dichloromethane in excess of the MCL over many years could have liver problems and may have an increased risk of getting cancer.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	10/01/2020	12/31/2020	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Dinoseb

Some people who drink water containing dinoseb well in excess of the MCL over many years could experience reproductive difficulties.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	10/01/2020	12/31/2020	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Endrin

Some people who drink water containing endrin in excess of the MCL over many years could experience liver problems.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	10/01/2020	12/31/2020	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Violations

Ethylbenzene

Some people who drink water containing ethylbenzene well in excess of the MCL over many years could experience problems with their liver or kidneys.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	10/01/2020	12/31/2020	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Ethylene dibromide

Some people who drink water containing ethylene dibromide in excess of the MCL over many years could experience problems with their liver, stomach, reproductive system, or kidneys, and may have an increased risk of getting cancer.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	10/01/2020	12/31/2020	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Fluoride

Some people who drink water containing fluoride in excess of the MCL over many years could get bone disease, including pain and tenderness of the bones. Fluoride in drinking water at half the MCL or more may cause mottling of childrens teeth, usually in children less than nine years old. Mottling, also known as dental fluorosis, may include brown staining and/or pitting of teeth, and occurs only in developing

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2020	12/31/2020	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Heptachlor

Some people who drink water containing heptachlor in excess of the MCL over many years could experience liver damage and may have an increased risk of getting cancer.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	10/01/2020	12/31/2020	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Heptachlor epoxide

Some people who drink water containing heptachlor epoxide in excess of the MCL over many years could experience liver damage, and may have an increased risk of getting cancer.

Violation Type	Violation Begin	Violation End	Violation Explanation

Violations

MONITORING, ROUTINE MAJOR	10/01/2020	12/31/2020	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Hexachlorobenzene

Some people who drink water containing hexachlorobenzene in excess of the MCL over many years could experience problems with their liver or kidneys, or adverse reproductive effects, and may have an increased risk of getting cancer.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	10/01/2020	12/31/2020	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Hexachlorocyclopentadiene

Some people who drink water containing hexachlorocyclopentadiene well in excess of the MCL over many years could experience problems with their kidneys or stomach.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	10/01/2020	12/31/2020	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Lindane

Some people who drink water containing lindane in excess of the MCL over many years could experience problems with their kidneys or liver.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	10/01/2020	12/31/2020	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Mercury

Some people who drink water containing inorganic mercury well in excess of the MCL over many years could experience kidney damage.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2020	12/31/2020	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Violations

Methoxychlor

Some people who drink water containing methoxychlor in excess of the MCL over many years could experience reproductive difficulties.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	10/01/2020	12/31/2020	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Nitrite [measured as Nitrogen]

Infants below the age of six months who drink water containing nitrite in excess of the MCL could become seriously ill and, if untreated, may die. Symptoms include shortness of breath and blue-baby syndrome.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2020	12/31/2020	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Oxamyl [Vydate]

Some people who drink water containing oxamyl in excess of the MCL over many years could experience slight nervous system effects.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	10/01/2020	12/31/2020	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Pentachlorophenol

Some people who drink water containing pentachlorophenol in excess of the MCL over many years could experience problems with their liver or kidneys, and may have an increased risk of getting cancer.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	10/01/2020	12/31/2020	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Picloram

Some people who drink water containing picloram in excess of the MCL over many years could experience problems with their liver.

Violation Type	Violation Begin	Violation End	Violation Explanation

Violations

MONITORING, ROUTINE MAJOR	10/01/2020	12/31/2020	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Selenium

Selenium is an essential nutrient. However, some people who drink water containing selenium in excess of the MCL over many years could experience hair or fingernail losses, numbness in fingers or toes, or problems with their circulation.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2020	12/31/2020	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Simazine

Some people who drink water containing simazine in excess of the MCL over many years could experience problems with their blood.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	10/01/2020	12/31/2020	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Styrene

Some people who drink water containing styrene well in excess of the MCL over many years could have problems with their liver, kidneys, or circulatory system.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	10/01/2020	12/31/2020	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Tetrachloroethylene

Some people who drink water containing tetrachloroethylene in excess of the MCL over many years could have problems with their liver, and may have an increased risk of getting cancer.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	10/01/2020	12/31/2020	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Violations

Thallium

Some people who drink water containing thallium in excess of the MCL over many years could experience hair loss, changes in their blood, or problems with their kidneys, intestines, or liver.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2020	12/31/2020	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Toluene

Some people who drink water containing toluene well in excess of the MCL over many years could have problems with their nervous system, kidneys, or liver.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	10/01/2020	12/31/2020	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Toxaphene

Some people who drink water containing toxaphene in excess of the MCL over many years could have problems with their kidneys, liver, or thyroid, and may have an increased risk of getting cancer.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	10/01/2020	12/31/2020	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Trichloroethylene

Some people who drink water containing trichloroethylene in excess of the MCL over many years could experience problems with their liver and may have an increased risk of getting cancer.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	10/01/2020	12/31/2020	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Vinyl Chloride

Some people who drink water containing vinyl chloride in excess of the MCL over many years may have an increased risk of getting cancer.

Violation Type	Violation Begin	Violation End	Violation Explanation

Violations

MONITORING, ROUTINE MAJOR	10/01/2020	12/31/2020	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Xylenes

Some people who drink water containing xylenes in excess of the MCL over many years could experience damage to their nervous system.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	10/01/2020	12/31/2020	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

cis-1,2-Dichloroethylene

Some people who drink water containing cis-1,2-dichloroethylene in excess of the MCL over many years could experience problems with their liver.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	10/01/2020	12/31/2020	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

o-Dichlorobenzene

Some people who drink water containing o-dichlorobenzene well in excess of the MCL over many years could experience problems with their liver, kidneys, or circulatory systems.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	10/01/2020	12/31/2020	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

p-Dichlorobenzene

Some people who drink water containing p-dichlorobenzene in excess of the MCL over many years could experience anemia, damage to their liver, kidneys, or spleen, or changes in their blood.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	10/01/2020	12/31/2020	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Violations

trans-1,2-Dicholoroethylene			
Some people who drink water containing trans-1,2-dichloroethylene well in excess of the MCL over many years could experience problems with their liver.			
Violation Type	**Violation Begin**	**Violation End**	**Violation Explanation**
MONITORING, ROUTINE MAJOR	10/01/2020	12/31/2020	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Public
Notice

Mandatory Language for Monitoring and Reporting Violation
Chemical Sampling
CHEMICAL MONITORING, ROUTINE MAJOR

The **City of Glen Rose** water system **PWS ID TX2130001** has violated the monitoring and reporting requirements set by Texas Commission on Environmental Quality (TCEQ) in Chapter 30, Section 290, Subchapter F. Public water systems are required to collect and submit chemical samples of water provided to their customers, and report the results of those samples to the TCEQ on a regular basis.

We failed to monitor and/or report the following constituents: list of constituents attached to this notice

This/These violation(s) occurred in the monitoring period(s) **01/01/2020 – 03/31/2021**

Results of regular monitoring are an indicator of whether or not your drinking water is safe from chemical contamination. We did not complete all monitoring and/or reporting for chemical constituents, and therefore TCEQ cannot be sure of the safety of your drinking water during that time.

We are taking the following actions to address this issue:

The City of Glen Rose owns and operates a total of five (5) water wells located within our water system. The monitoring and reporting requirements were completed at four of the five sources during the 2020 reporting period. The water well that was not sampled has been taken off line until the water system is in full compliance with TCEQ regulations. Quarterly water samples were collected on June 1, 2021. We are waiting for lab results for those samples. Once the TCEQ confirms that the City of Glen Rose water system is no longer in violation, a public notice will be issued.

The listed violations in this public notice are NOT associated with the surface water supplied by the Somervell County Water District. The purchased surface water is monitored and reported separately by the Somervell County Water District.

Please share this information with all people who drink this water, especially those who may not have received this notice directly (i.e., 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.

If you have questions regarding this matter, you may contact **Jim Holder** at (254) 897-2272

Posted /Delivered on: _____

Monitoring and Reporting Violation Report:
CITY OF GLEN ROSE PWS ID NO. TX2130001

EP002 — **PS2 - 303 ELM**

EDB/DBCP — First Quarter 01/01/2021 - 03/31/2021

Analyte Code	Violation ID	Analyte	Rule Citation
2931	570	1,2-DIBROMO-3-CHLOROPROPANE	30 TAC §290.107(c)(1), §290.107(e), §290.46(f)(4) - Monitoring and Reporting Violation
2946	571	ETHYLENE DIBROMIDE	30 TAC §290.107(c)(1), §290.107(e), §290.46(f)(4) - Monitoring and Reporting Violation

RADIONUCLIDES — Annual 01/01/2020 - 12/31/2020

Analyte Code	Violation ID	Analyte	Rule Citation
4000	598	GROSS ALPHA, EXCL. RADON & U	30 TAC §290.108(f)(3), §290.108(f)(4) - Monitoring and Reporting Violation
4006	599	COMBINED URANIUM	30 TAC §290.108(f)(3), §290.108(f)(4) - Monitoring and Reporting Violation
4010	600	COMBINED RADIUM (-226 & -228)	30 TAC §290.108(f)(3), §290.108(f)(4) - Monitoring and Reporting Violation

SOC METHOD 515.4 — First Quarter 01/01/2021 - 03/31/2021

Analyte Code	Violation ID	Analyte	Rule Citation
2031	549	DALAPON	30 TAC §290.107(c)(1), §290.107(e), §290.46(f)(4) - Monitoring and Reporting Violation
2040	550	PICLORAM	30 TAC §290.107(c)(1), §290.107(e), §290.46(f)(4) - Monitoring and Reporting Violation
2041	551	DINOSEB	30 TAC §290.107(c)(1), §290.107(e), §290.46(f)(4) - Monitoring and Reporting Violation
2105	552	2,4-D	30 TAC §290.107(c)(1), §290.107(e), §290.46(f)(4) - Monitoring and Reporting Violation
2110	553	2,4,5-TP	30 TAC §290.107(c)(1), §290.107(e), §290.46(f)(4) - Monitoring and Reporting Violation

SOC METHOD 531.1 — First Quarter 01/01/2021 - 03/31/2021

Analyte Code	Violation ID	Analyte	Rule Citation
2036	572	OXAMYL	30 TAC §290.107(c)(1), §290.107(e), §290.46(f)(4) - Monitoring and Reporting Violation
2043	573	ALDICARB SULFOXIDE	30 TAC §290.107(c)(1), §290.107(e), §290.46(f)(4) - Monitoring and Reporting Violation
2044	574	ALDICARB SULFONE	30 TAC §290.107(c)(1), §290.107(e), §290.46(f)(4) - Monitoring and Reporting Violation

EP002	PS2 - 303 ELM	
SOC METHOD 531.1	First Quarter 01/01/2021 - 03/31/2021	

Analyte Code	Violation ID	Analyte	Rule Citation
2046	575	CARBOFURAN	30 TAC §290.107(c)(1), §290.107(e), §290.46(f)(4) - Monitoring and Reporting Violation
2047	576	ALDICARB	30 TAC §290.107(c)(1), §290.107(e), §290.46(f)(4) - Monitoring and Reporting Violation

EP002	PS2 - 303 ELM	
SYNTHETIC ORGANICS		First Quarter 01/01/2021 - 03/31/2021

Analyte Code	Violation ID	Analyte	Rule Citation
2005	554	ENDRIN	30 TAC §290.107(c)(1), §290.107(e), §290.46(f)(4) - Monitoring and Reporting Violation
2010	555	BHC-GAMMA	30 TAC §290.107(c)(1), §290.107(e), §290.46(f)(4) - Monitoring and Reporting Violation
2015	556	METHOXYCHLOR	30 TAC §290.107(c)(1), §290.107(e), §290.46(f)(4) - Monitoring and Reporting Violation
2020	557	TOXAPHENE	30 TAC §290.107(c)(1), §290.107(e), §290.46(f)(4) - Monitoring and Reporting Violation
2035	558	DI(2-ETHYLHEXYL) ADIPATE	30 TAC §290.107(c)(1), §290.107(e), §290.46(f)(4) - Monitoring and Reporting Violation
2037	559	SIMAZINE	30 TAC §290.107(c)(1), §290.107(e), §290.46(f)(4) - Monitoring and Reporting Violation
2039	560	DI(2-ETHYLHEXYL) PHTHALATE	30 TAC §290.107(c)(1), §290.107(e), §290.46(f)(4) - Monitoring and Reporting Violation
2042	561	HEXACHLOROCYCLOPENTADIENE	30 TAC §290.107(c)(1), §290.107(e), §290.46(f)(4) - Monitoring and Reporting Violation
2050	562	ATRAZINE	30 TAC §290.107(c)(1), §290.107(e), §290.46(f)(4) - Monitoring and Reporting Violation
2051	563	ALACHLOR	30 TAC §290.107(c)(1), §290.107(e), §290.46(f)(4) - Monitoring and Reporting Violation
2065	564	HEPTACHLOR	30 TAC §290.107(c)(1), §290.107(e), §290.46(f)(4) - Monitoring and Reporting Violation
2067	565	HEPTACHLOR EPOXIDE	30 TAC §290.107(c)(1), §290.107(e), §290.46(f)(4) - Monitoring and Reporting Violation
2274	566	HEXACHLOROBENZENE	30 TAC §290.107(c)(1), §290.107(e), §290.46(f)(4) - Monitoring and Reporting Violation
2306	567	BENZO(A)PYRENE	30 TAC §290.107(c)(1), §290.107(e), §290.46(f)(4) - Monitoring and Reporting Violation
2326	568	PENTACHLOROPHENOL	30 TAC §290.107(c)(1), §290.107(e), §290.46(f)(4) - Monitoring and Reporting Violation
2959	569	CHLORDANE	30 TAC §290.107(c)(1), §290.107(e), §290.46(f)(4) - Monitoring and Reporting Violation

EP002	PS2 - 303 ELM		
VOLATILE ORGANICS		First Quarter 01/01/2021 - 03/31/2021	
Analyte Code	**Violation ID**	**Analyte**	**Rule Citation**
2378	577	1,2,4-TRICHLOROBENZENE	30 TAC §290.107(c)(2), §290.107(e), §290.46(f)(4) - Monitoring and Reporting Violation
2380	578	CIS-1,2-DICHLOROETHYLENE	30 TAC §290.107(c)(2), §290.107(e), §290.46(f)(4) - Monitoring and Reporting Violation
2955	579	XYLENES, TOTAL	30 TAC §290.107(c)(2), §290.107(e), §290.46(f)(4) - Monitoring and Reporting Violation
2964	580	DICHLOROMETHANE	30 TAC §290.107(c)(2), §290.107(e), §290.46(f)(4) - Monitoring and Reporting Violation
2968	581	O-DICHLOROBENZENE	30 TAC §290.107(c)(2), §290.107(e), §290.46(f)(4) - Monitoring and Reporting Violation
2969	582	P-DICHLOROBENZENE	30 TAC §290.107(c)(2), §290.107(e), §290.46(f)(4) - Monitoring and Reporting Violation
2976	583	VINYL CHLORIDE	30 TAC §290.107(c)(2), §290.107(e), §290.46(f)(4) - Monitoring and Reporting Violation
2977	584	1,1-DICHLOROETHYLENE	30 TAC §290.107(c)(2), §290.107(e), §290.46(f)(4) - Monitoring and Reporting Violation
2979	585	TRANS-1,2-DICHLOROETHYLENE	30 TAC §290.107(c)(2), §290.107(e), §290.46(f)(4) - Monitoring and Reporting Violation
2980	586	1,2-DICHLOROETHANE	30 TAC §290.107(c)(2), §290.107(e), §290.46(f)(4) - Monitoring and Reporting Violation
2981	587	1,1,1-TRICHLOROETHANE	30 TAC §290.107(c)(2), §290.107(e), §290.46(f)(4) - Monitoring and Reporting Violation
2982	588	CARBON TETRACHLORIDE	30 TAC §290.107(c)(2), §290.107(e), §290.46(f)(4) - Monitoring and Reporting Violation
2983	589	1,2-DICHLOROPROPANE	30 TAC §290.107(c)(2), §290.107(e), §290.46(f)(4) - Monitoring and Reporting Violation
2984	590	TRICHLOROETHYLENE	30 TAC §290.107(c)(2), §290.107(e), §290.46(f)(4) - Monitoring and Reporting Violation
2985	591	1,1,2-TRICHLOROETHANE	30 TAC §290.107(c)(2), §290.107(e), §290.46(f)(4) - Monitoring and Reporting Violation
2987	592	TETRACHLOROETHYLENE	30 TAC §290.107(c)(2), §290.107(e), §290.46(f)(4) - Monitoring and Reporting Violation
2989	593	CHLOROBENZENE	30 TAC §290.107(c)(2), §290.107(e), §290.46(f)(4) - Monitoring and Reporting Violation
2990	594	BENZENE	30 TAC §290.107(c)(2), §290.107(e), §290.46(f)(4) - Monitoring and Reporting Violation

EP002	PS2 - 303 ELM		
VOLATILE ORGANICS		First Quarter 01/01/2021 - 03/31/2021	
Analyte Code	**Violation ID**	**Analyte**	**Rule Citation**
2991	595	TOLUENE	30 TAC §290.107(c)(2), §290.107(e), §290.46(f)(4) - Monitoring and Reporting Violation
2992	596	ETHYLBENZENE	30 TAC §290.107(c)(2), §290.107(e), §290.46(f)(4) - Monitoring and Reporting Violation
2996	597	STYRENE	30 TAC §290.107(c)(2), §290.107(e), §290.46(f)(4) - Monitoring and Reporting Violation