# City of Glen Rose - Public Water System I.D. No. 2130001

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Este repote incluye informacion importante sobre el agua para tomar. Para asistencia en espanol, favor de llamar 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.

# 2021 Consumer Confidence Report for Public Water System CITY OF GLEN ROSE

CITY C Branc the Tr This is your water quality report for January 1 to December 31, 2021 For more information regarding this report contact:

|  | 0  |
|--|--|
| TY OF GLEN ROSE provides surface water and ground water from the Wheeler   | er from the Wheeler Name Jim Holder  |
| anch Reservoir, as well as, groundwater produced by water wells pumping from e Trinity Aquifer located in Somervell County | ater wells pumping from Phone (254) 897-2272   |
|  | Este reporte incluye información importante sobre el agua para tomar. Para asistencia en español, favor de<br>llamar al telefono (254) 897-2272.   |
|  |  |
| 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: MFL   | 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.  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)

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

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. 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

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 Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not

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
- and gas production, mining, or farming. 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
- Pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm water runoff, and residential uses
- from gas stations, urban storm water runoff, and septic systems Organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come
- Radioactive contaminants, which can be naturally-occurring or be the result of oil and gas production and mining activities

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

information on taste, odor, or color of drinking water, please contact the system's business office. 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

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 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 immunocompromised persons such as those undergoing chemotherapy for cancer; persons who have undergone organ transplants; those who are undergoing treatment with Hotline (800-426-4791) You may be more vulnerable than the general population to certain microbial contaminants, such as Cryptosporidium, in drinking water. Infants, some elderly, or

# Information about Source Water

CITY OF GLEN ROSE purchases water from SOMERVELL COUNTY WATER DISTRICT – WHEELER BRANCH RESERVOIR. SOMERVELL COUNTY WATER DISTRICT provides purchase surface water from Wheeler Branch Reservoir located in Somervell County.

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 at (254) 897-2272 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

| Copper 2021 1.3 1.3 0.0955 0 ppm N Erosion of natural deposion of preservatives: Corrosion | Lead and Copper | Date Sampled | MCLG | Action Level (AL) | 90th Percentile | # Sites Over AL | Units | Violation | Likely Source of Contamination   |
|--|-----------------|--------------|------|-------------------|-----------------|-----------------|-------|-----------|--|
| curtom   | Copper          | 2021         | 1.3  | 1.3               | 0.0955          | 0               | ppm   | Z         | Erosion of natural deposits; Leaching from wood preservatives; Corrosion of household plumbing |

# **2021 Water Quality Test Results**

|        | Disinfection By-Products Colle |  |
|--------|--------------------------------|--|
| 100000 | Collection Date                |  |
|        | Highest Level<br>Detected      |  |
|        | Range of Individual<br>Samples |  |
|        | MCLG                           |  |
|        | MCL                            |  |
|        | Units                          |  |
|        | Violation                      |  |
|        | Likely Source of Contamination |  |

| *The                          |  |
|-------------------------------|--|
| value in the Highest Level or |  |
| Average Detected c            |  |
| olumn is the highest a        |  |
| verage of all HAA5 sar        |  |
| mple results collected        | total  |
| at a location over            |  |
| a year                        |  |
|                               |  |
|                               |  |
|                               | *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 |

\*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 Hig | Highest Level Detected | Range of Individual<br>Samples | MCLG | MCL | Units | Violation | Likely Source of Contamination   |
|--|------------------------|--------------------------------|------|-----|-------|-----------|--|
| Barium 05/01/2019                          | 0.05                   | 0.043 - 0.05                   | 2    | 2   | ppm   | Z         | Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits.                                |
| Fluoride 11/24/2020                        | 0.283                  | 0.242 - 0.283                  | 4    | 4.0 | ppm   | z         | Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories. |
| Nitrate [measured as Nitrogen] 2021        | 0.0534                 | 0 - 0.0534                     | 10   | 10  | ppm   | Z         | Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.                               |

| Radioactive Contaminants               | Collection Date | Highest Level<br>Detected | Range of Individual<br>Samples | MCLG | MCL | Units  | Violation | Likely Source of Contamination          |
|--|-----------------|---------------------------|--------------------------------|------|-----|--------|-----------|---|
| Beta/photon emitters                   | 2021            | 4.8                       | 0 - 4.8                        | 0    | 50  | pCi/L* | Z         | Decay of natural and man-made deposits. |
| ************************************** |                 |                           |                                |      |     |        |           |   |

|  | Synthetic organic contaminants Collection Date Highest Level Range of Individual MCLG including pesticides and Detected Samples |
|--|---|
| Di (2-ethylhexyl) phthalate 2021 3 0-7 0 6 ppb N Discharge from rubber and chemical factories. | 2021 3 0-7  |

# **Disinfectant Residual**

A blank disinfectant residual table has been added to the CCR template, you will need to add data to the fields. Your data can be taken off the Disinfectant Level Quarterly Operating Reports (DLQOR).

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

| 2021                                     |
|--|
| 1.12                                     |
| .22-2.90                                 |
| 4  |
| 4  |
| ppm                                      |
| ppm                                      |
| Water additive used to control microbes. |

groundwater 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. 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

#### **Violations**

| 1,1,1-Trichloroethane                             |                           |                      |   |
|---|---------------------------|----------------------|---|
| Some people who drink water containing 1,1,1-tric | chloroethane in excess of | the MCL over many ye | 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                         | 01/01/2021                | 03/31/2021           | 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-tricl  | hloroethane well in exce | ss of the MCL over ma | 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   | 01/01/2021               | 03/31/2021            | 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 | proethylene in excess of | the MCL over many ye  | ars could experience problems with their liver.   |
| Violation Type  | Violation Begin          | Violation End         | Violation Explanation   |
| MONITORING, ROUTINE MAJOR   | 01/01/2021               | 03/31/2021            | 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. |

| 1,2,4-Trichlorobenzene                       |                              |                        |   |
|--|------------------------------|------------------------|---|
| Some people who drink water containing 1,2,4 | -trichlorobenzene well in ex | cess of the MCL over n | 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              |                        |   |
| MONITORING BOLITING MALOR                    |                              | Violation End          | Violation Explanation   |

| Some people who drink water containing 1,2,4-tr  | ichlorobenzene well in ex   | cess of the MCL over m | 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  | 01/01/2021                  | 03/31/2021             | 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. | nloroethane in excess of th | ne MCL over many year  | s may have an increased risk of getting cancer.   |
| Violation Type   | Violation Begin             | Violation End          | Violation Explanation   |
| MONITORING, ROUTINE MAJOR  | 01/01/2021                  | 03/31/2021             | 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. | hloropropane in excess of | the MCL over many yea | rs may have an increased risk of getting cancer.  |
| Violation Type  | Violation Begin           | Violation End         | Violation Explanation   |
| MONITORING, ROUTINE MAJOR   | 01/01/2021                | 03/31/2021            | 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. |
|   |                           |                       |   |

| Some people who drink water containing silvex in excess of the MCL over many years could experience liver problems. | silvex in excess of the MCL over n | many years could expe | ience liver problems.  |
|---|------------------------------------|-----------------------|--|
| Violation Type  | Violation Begin                    | Violation End         | Violation Explanation  |
| MONITORING BOLITING MAJOR   | 01/01/2021                         | 03/31/2021            | We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of |

| 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 | ed killer 2,4-D well in exce | ss of the MCL over ma | vith their l          | kidneys, liver, or adrenal gland | nds. |  |
| Violation Type   | Violation Begin              | Violation End         | Violation Explanation |                                  |      |  |
|  |                              |                       |                       |                                  |      |  |

### VIOIATIONS

| MONITORING, ROUTINE MAJOR | 01/01/2021 | 03/31/2021 | 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.

#### Atrazine

MONITORING, ROUTINE MAJOR

**Violation Type** 

Violation Begin

**Violation End** 

Violation Explanation

01/01/2021

03/31/2021

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.

2.50 5 رد <del>د</del> کرد 5 with their cardiovascular system or reproductive difficulties.

| some people wno drink water containing atrazine well in excess of the MCL over many years could experience problems with their car | e well in excess of the MCL | over many years coul | d experience problems with their cardiovascular system or reproductive difficulties.   |
|--|-----------------------------|----------------------|--|
| Violation Type   | Violation Begin             | Violation End        | Violation Explanation  |
| MONITORING, ROUTINE MAJOR  | 01/01/2021                  | 03/31/2021           | 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

2.5 in blood platelets

| some people who drink water containing ben | zene in excess of the MCL ove | r many years could ex | some people wno 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                  | 01/01/2021                    | 03/31/2021            | 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 | 01/01/2021      | 03/31/2021    | 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. |

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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 | 01/01/2021      | 03/31/2021    | 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 | 01/01/2021      | 03/31/2021    | 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 | 01/01/2021      | 03/31/2021    | 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 | 01/01/2021      | 03/31/2021    | 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 Begin Violation End Violation Explanation |
|---|
|   |

#### AIMINION

|  | MONITORING, ROUTINE MAJOR  |
|--|--|
|  | 01/01/2021   |
|  | 03/31/2021   |
| the quality of our drinking water during the period indicated. | We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of |

# 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 | 01/01/2021      | 03/31/2021    | 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

| Violation Type            | Violation Begin | Violation End | Violation Explanation   |
|---------------------------|-----------------|---------------|---|
| MONITORING, ROUTINE MAJOR | 01/01/2021      | 03/31/2021    | 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 | 01/01/2021      | 03/31/2021    | 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 | 01/01/2021      | 03/31/2021    | 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. |
|                           |                 |               | 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 | 01/01/2021      | 03/31/2021    | 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 | 01/01/2021      | 03/31/2021    | 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. |
|                           |                 |               |   |

## 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 | 01/01/2021      | 03/31/2021    | 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

getting cancer. 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

| Violation Type Violation Begin Violation End Violation Explanation   | planation |
|--|-----------|
| MONITORING, ROUTINE MAJOR 01/01/2021 03/31/2021 We failed to test our drinking water for the contaminant and period indicated. | urir fo   |

## 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 |
|----------------|
|                |

#### SUOISTIONS

|  | MONITORING, ROUTINE MAJOR  |
|--|--|
|  | 01/01/2021   |
|  | 03/31/2021   |
| the quality of our drinking water during the period indicated. | We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of |

# 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   |
|---------------------------|-----------------|---------------|---|
| MONITORING, ROUTINE MAJOR | 01/01/2021      | 03/31/2021    | 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

getting cancer. 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

| Violation Type            | Violation Begin | Violation End | Violation Explanation   |
|---------------------------|-----------------|---------------|---|
| MONITORING, ROUTINE MAJOR | 01/01/2021      | 03/31/2021    | 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 End Violation Explanation  |
|---------------------------|-----------------|---------------|--|
| MONITORING, ROUTINE MAJOR | 01/01/2021      | 03/31/2021    | We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of |

#### 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 | 01/01/2021      | 03/31/2021    | 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. |
|                           |                 |               |   |

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of

| Methoxychlor   |                                |                       |  |
|--|--------------------------------|-----------------------|--|
| Some people who drink water containing methoxychlor in excess of the MCL over many years could experience reproductive difficulties. | thoxychlor in excess of the MC | CL over many years co | ld experience reproductive difficulties.   |
| Violation Type   | Violation Begin                | Violation End         | Violation Explanation  |
| MONITORING, ROUTINE MAJOR  | 01/01/2021                     | 03/31/2021            | We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of |

| Violation Type   | Violation Begin           | <b>Violation End</b>  | Violation Explanation   |
|--|---------------------------|-----------------------|---|
| MONITORING, ROUTINE MAJOR  | 01/01/2021                | 03/31/2021            | 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 effect | in excess of the MCL over | many years could expe | erience slight nervous system effects.  |
| Violation Type   | Violation Begin           | Violation End         | Violation Explanation   |
| MONITORING, ROUTINE MAJOR  | 01/01/2021                | 03/31/2021            | 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 pentac | chlorophenol in excess of th | ne MCL over many year | 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                     | 01/01/2021                   | 03/31/2021            | 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. | m in excess of the MCL ove | er many years could ex | perience problems with their liver.   |
| Violation Type   | Violation Begin            | Violation End          | Violation Explanation   |
| MONITORING, ROUTINE MAJOR  | 01/01/2021                 | 03/31/2021             | 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   |                                  |                        |                                     |  | 1 |
|--|----------------------------------|------------------------|-------------------------------------|--|---|
| Some people who drink water containing simazine in excess of the MCL over many years could experience problems with their blood. | mazine in excess of the MCL over | er many years could ex | perience problems with their blood. |  |   |
| Violation Type   | Violation Begin                  | Violation End          | Violation Explanation               |  |   |
|  |                                  |                        |                                     |  |   |

### VIOIBUIONS

| MONITORING, ROUTINE MAJOR | 01/01/2021 | 03/31/2021 | We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of |
|---------------------------|------------|------------|--|
| 3                         |            |            | the quality of our drinking water during the period indicated.   |
|                           | ı          |            |  |

#### 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 | 01/01/2021      | 03/31/2021    | 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 | 01/01/2021      | 03/31/2021    | 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 neonle who drink water and initiation uld have problems with their pervous system, kidneys, or liver

| some people wno drink water containing toluene well in excess of the NicL over many years could have problems with their nervous s | well in excess of the MCL | over many years could | nave problems with their nervous system, kidneys, or liver.   |
|--|---------------------------|-----------------------|---|
| Violation Type   | Violation Begin           | Violation End         | Violation Explanation   |
| MONITORING, ROUTINE MAJOR  | 01/01/2021                | 03/31/2021            | 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 | 01/01/2021      | 03/31/2021    | 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                               |                            | <i>1</i> 22         |  |
|---|----------------------------|---------------------|--|
| Some people who drink water containing trichlor | oethylene in excess of the | MCL over many years | 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                       | 01/01/2021                 | 03/31/2021          | We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure  |

| MONITORING, ROUTINE MAJOR   | 01/01/2021                  | 03/31/2021           | 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 | hloride in excess of the MC | L over many years ma | have an increased risk of getting cancer.   |
| Violation Type  | Violation Begin             | Violation End        | Violation Explanation   |
| MONITORING, ROUTINE MAJOR   | 01/01/2021                  | 03/31/2021           | We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of  |

| Xylenes  |                         |                       |   |
|--|-------------------------|-----------------------|---|
| Some people who drink water containing xylenes in excess of the MCL over many years could experience damage to their nervous system. | xcess of the MCL over n | nany years could expe | ience damage to their nervous system.   |
| Violation Type   | Violation Begin         | Violation End         | Violation Explanation   |
| MONITORING, ROUTINE MAJOR  | 01/01/2021              | 03/31/2021            | 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. |

| cîs-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 01/01/2021 03/31/2021 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 wi | ichlorobenzene 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 End Violation Explanation  |  |
|   |                               |                      |  |  |

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|--|--|
|  | RING, ROUTINE MAJOR  |
|  | 01/01/2021   |
|  | 03/31/2021   |
| the quality of our drinking water during the period indicated. | We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of |

# 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 | 01/01/2021      | 03/31/2021    | 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. |

# trans-1,2-Dicholoroethylene

| Violation Type            | Violation Begin | Violation End | Violation Explanation  |
|---------------------------|-----------------|---------------|--|
| MONITORING, ROUTINE MAJOR | 01/01/2021      | 03/31/2021    | We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of |

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

The **City of Glen Rose** water system **PWS ID 2130001** 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

<u>list of constituents attached to this list of constituents attached to this of constituents attached to this of constituents attached to this list of constituents attached to this of constituents atta</u>

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 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. All required samples have been collected from the well since the violations occurred. Once the system is no longer in violation, a public notice will be issued.

The violations in this Public Notice are **NOT** associated with the surface water purchased from 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 <u>Jim Holder</u> at (254) 897-2272.