

# Disinfectant Level Quarterly Operating Report (DLQOR)

For All Groundwater or Purchased-Water Public Water Systems

Select Quarter:	Quarter 2 (April, May, June) <input type="checkbox"/>	Year:	2021
PWS Name:	CITY OF OAK RIDGE NORTH	PWS ID:	1700025
Type of Disinfectant Used in Distribution System:	Chlorine (Free) <input type="checkbox"/>		

## First Month of Quarter: Monthly Summary

Month: April ☐Was the PWS active this month? ☒ Yes ☐ No

Average of all disinfectant residuals:	Number of residuals collected:	Number of residuals below minimum:	Number of NO residuals:
1.63 mg/L	31 Count	Readings 0.0 %	Readings 0.0 %

## Second Month of Quarter: Monthly Summary

Month: May ☐Was the PWS active this month? ☒ Yes ☐ No

Average of all disinfectant residuals:	Number of residuals collected:	Number of residuals below minimum:	Number of NO residuals:
0.84 mg/L	31 Count	Readings 0.0 %	Readings 0.0 %

## Third Month of Quarter: Monthly Summary

Month: June ☐Was the PWS active this month? ☒ Yes ☐ No

Average of all disinfectant residuals:	Number of residuals collected:	Number of residuals below minimum:	Number of NO residuals:
1.08 mg/L	31 Count	Readings 0.0 %	Readings 0.0 %

## Quarterly Summary and Certification

Average of all disinfectant residuals for this quarter	LOWEST disinfectant residual for this quarter	HIGHEST disinfectant residual for this quarter
1.18 mg/L	0.38 mg/L	1.97 mg/L

☒ I certify that I am familiar with the information contained in this report and that, to the best of my knowledge, the information is true, complete, and accurate.

Name: MARK DUTTON

Date: 2021 06 01

Signature: 

Title and Phone Number: ASST. DIR. PUBLICWORKS (281) 292-4648

Water Operator License Number: GW0002939

Email: MDUTTON@OAKRIDGENORTH.COM

Complete this form for the previous quarter at the beginning of April, July, October, and January; and submit in time for it to be received by the TCEQ by the 10th of the month. Always print and sign form and keep a copy with your records for TCEQ review during onsite investigations.

**Sign the DLQOR and mail to:**

Certified Mail: TCEQ/DWSS MC-155, Attn: DLQOR, 12100 Park 35 Circle, Bldg F, Austin, TX 78753-1808  
Regular Mail: TCEQ/DWSS MC-155, Attn: DLQOR, P.O. Box 13087, Austin, TX 78711-3087

# Disinfectant Level Quarterly Operating Report (DLQOR)

For All Groundwater or Purchased-Water Public Water Systems

Select Quarter:	Quarter 4 (October, November, De	Year:	2021
PWS Name:	CITY OF OAK RIDGE NORTH	PWS ID:	1700025
Type of Disinfectant Used in Distribution System:	Chlorine (Free)		

## First Month of Quarter: Monthly Summary

Month: **October** Was the PWS active this month? ☒ Yes ☐ No

Average of all disinfectant residuals:	Number of residuals collected:	Number of residuals below minimum:	Number of NO residuals:
1.39 mg/L	31 Count	Readings 0.0 %	Readings 0.0 %

## Second Month of Quarter: Monthly Summary

Month: **November** Was the PWS active this month? ☒ Yes ☐ No

Average of all disinfectant residuals:	Number of residuals collected:	Number of residuals below minimum:	Number of NO residuals:
1.28 mg/L	31 Count	Readings 0.0 %	Readings 0.0 %

## Third Month of Quarter: Monthly Summary

Month: **December** Was the PWS active this month? ☒ Yes ☐ No

Average of all disinfectant residuals:	Number of residuals collected:	Number of residuals below minimum:	Number of NO residuals:
1.28 mg/L	31 Count	Readings 0.0 %	Readings 0.0 %


## Quarterly Summary and Certification

Average of all disinfectant residuals for this quarter	LOWEST disinfectant residual for this quarter	HIGHEST disinfectant residual for this quarter
1.32 mg/L	0.80 mg/L	1.91 mg/L

☒ I certify that I am familiar with the information contained in this report and that, to the best of my knowledge, the information is true, complete, and accurate.

Name: **MARK DUTTON**

Date: **2021 01 04**

Signature: 

Title and Phone Number: **asst dir public works (281) 292-4648**

Water Operator License Number: **GW0002939**

Email: **MDUTTON@OAKRIDGENORTH.COM**

Complete this form for the previous quarter at the beginning of April, July, October, and January; and submit in time for it to be received by the TCEQ by the 10th of the month. Always print and sign form and keep a copy with your records for TCEQ review during onsite investigations.

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# Disinfectant Level Quarterly Operating Report (DLQOR)

For All Groundwater or Purchased-Water Public Water Systems

Select Quarter:	Quarter 3 (July, August, September) <input type="button" value="v"/>	Year:	2021
PWS Name:	CITY OF OAKRIDGE NORTH	PWS ID:	1700025
Type of Disinfectant Used in Distribution System:	Chlorine (Free) <input type="button" value="v"/>		

## First Month of Quarter: Monthly Summary

Month:  JulyWas the PWS active this month? ☒ Yes ☐ No

Average of all disinfectant residuals:	Number of residuals collected:	Number of residuals below minimum:	Number of NO residuals:
0.92 mg/L	31 Count	Readings 0.0 %	Readings 0.0 %

## Second Month of Quarter: Monthly Summary

Month:  AugustWas the PWS active this month? ☒ Yes ☐ No

Average of all disinfectant residuals:	Number of residuals collected:	Number of residuals below minimum:	Number of NO residuals:
1.04 mg/L	31 Count	Readings 0.0 %	Readings 0.0 %

## Third Month of Quarter: Monthly Summary

Month:  SeptemberWas the PWS active this month? ☒ Yes ☐ No

Average of all disinfectant residuals:	Number of residuals collected:	Number of residuals below minimum:	Number of NO residuals:
1.08 mg/L	30 Count	Readings 0.0 %	Readings 0.0 %

## Quarterly Summary and Certification

Average of all disinfectant residuals for this quarter	LOWEST disinfectant residual for this quarter	HIGHEST disinfectant residual for this quarter
1.01 mg/L	0.50 mg/L	2.20 mg/L



I certify that I am familiar with the information contained in this report and that, to the best of my knowledge, the information is true, complete, and accurate.

Name: Date: Signature: Title and Phone Number: Water Operator License Number: Email: 

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Regular Mail: TCEQ/DWSS MC-155, Attn: DLQOR, P.O. Box 13087, Austin, TX 78711-3087

requires an additional fee. If you are a public water system, you must mark on the Certificate of Disinfection that you have followed the requirements of this rule.

PWS \_ MR \_ DLQOF

# DISINFECTANT LEVEL QUARTERLY OPERATING REPORT (DLQOR)

FOR GROUNDWATER OR PURCHASED-WATER PUBLIC WATER SYSTEMS-ANY SIZE

Select Quarter: **1st - Jan/Feb/Mar**

Select Year: **2021**

PWS Name: **CITY OF OAK RIDGE NORTH**

PWS ID: **1700025**

Type of Disinfectant Used in Distribution System\*: **Chlorine (Free)**

\* If you used chloramines and free chlorine at any time during this quarter, select both.

## First Month of Quarter: Monthly Summary

Month: **Jan**

Was the PWS active this month? ☒ YES ☐ NO

Average of all disinfectant residuals for this month	Number of residuals collected this month	Number below MIN for this month	Number with NO residual for this month
<b>1.69</b> mg/L	<b>31</b> readings	readings %	readings %

## Second Month of Quarter: Monthly Summary

Month: **Feb**

Was the PWS active this month? ☒ YES ☐ NO

Average of all disinfectant residuals for this month	Number of residuals collected this month	Number below MIN for this month	Number with NO residual for this month
<b>1.41</b> mg/L	<b>28</b> readings	readings %	readings %

## Third Month of Quarter: Monthly Summary

Month: **March**

Was the PWS active this month? ☒ YES ☐ NO

Average of all disinfectant residuals for this month	Number of residuals collected this month	Number below MIN for this month	Number with NO residual for this month
<b>1.44</b> mg/L	<b>31</b> readings	readings %	readings %

## Quarterly Summary and Certification

Average of all disinfectant residuals for this quarter	Lowest residual for this quarter	Highest residual for this quarter
<b>1.51</b> mg/L	<b>1.25</b> mg/L	<b>2.19</b> mg/L

☒ I certify that I am familiar with the information contained in this report and that, to the best of my knowledge, the information is true, complete, and accurate.

Name: **MARK DUTTON**

Enter Name

Signature

Today's Date:

**4/1/21**

Title: **ASST DIR PUBLIC WORKS**

Phone Number: **2812924648**

License #: **GW0002939**

Complete this form for the previous quarter at the beginning of April, July, October, and January; and submit in time for it to be received by the TCEQ by the 10th of the month. Always print and sign form, and keep a copy with your records for TCEQ review.

### Step 1:

**Print Copy**

(For your own records)

### Step 2:

**Print to Mail**

### Sign and Mail to:

**TCEQ / PDW MC-155  
Attn: DLQOR  
PO Box 13087  
Austin, TX 78711-3087**

Click the button below to start over or to reset to enter data for a different system.

**Clear Form**

Haloacetic Acids (HAAs)	2021	12	10.8 - 12.1	No goal for the total	60	ppb	N	By-product of drinking water disinfection.
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\*The value in the Highest Level or Average Detected column is the highest average of all HAAs sample results collected at a location over a year

Total Trihalomethanes (TTHM)	2021	44	38.8 - 43.5	No goal for the total	80	ppb	N	By-product of drinking water disinfection.
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\*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	06/20/2019	0.215	0.215 - 0.215	2	2	ppm	N	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits.
Fluoride	08/10/2020	0.42	0.42 - 0.42	4	4.0	ppm	N	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories

### 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).

Disinfectant Residual	Year	Average Level	Range of Levels Detected	MRDL	MRDLG	Unit of Measure	Violation (Y/N)	Source in Drinking Water
chlorine (free)	2021	1.25	HIGHEST 2.06 LOWEST .73	4	4	PPM	ppm N	Water additive used to control microbes.

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 OAK RIDGE NORTH purchases water from SJRA GRP SW TREATMENT PLANT. SJRA GRP SW TREATMENT PLANT provides purchase surface water from [insert source name of aquifer, reservoir, and/or river] located in [insert name of County or City].

[insert a table containing any contaminant that was detected in the provider's water for this calendar year, unless that contaminant has been separately monitored in your water system (i.e. TTHM, HAA5, Lead and Copper, Coliforms)].

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 [insert water system contact][insert phone number]

Lead and Copper	Date Sampled	MCLG	Action Level (AL)	90th Percentile	# Sites Over AL	Units	Violation	Likely Source of Contamination
Copper	09/17/2020	1.3	1.3	0.0792	0	ppm	N	Erosion of natural deposits; Leaching from wood preservatives; Corrosion of household plumbing systems
Lead	09/17/2020	0	15	1.68	1	ppb	N	Corrosion of household plumbing systems; Erosion of natural deposits.

## 2021 Water Quality Test Results

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

## 2021 Consumer Confidence Report for Public Water System CITY OF OAK RIDGE NORTH

This is your water quality report for January 1 to December 31, 2021

CITY OF OAK RIDGE NORTH provides Purchased Surface Water from [insert source name of aquifer, reservoir, and/or river] located in [insert name of County or City].  
EVANGELINE AQUIFER LOCATED IN OAK RIDGE NORTH TEXAS

For more information regarding this report contact:

Name CITY OF OAK RIDGE NORTH  
Phone 281-292-4648

Este reporte incluye información importante sobre el agua para tomar. Para asistencia en español, favor de llamar al telefono ( 2812924648 ).

### 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)