



The Sabine River Authority
An Agency of the State of Texas
www.sratx.org

Environmental Services Division
Water Quality Laboratory
1895 I-P Way
Orange, TX 77632
(409) 746-3284 Fax: (409) 746-2249

ANALYTICAL REPORT

Attn: Texas Country Inspe

Order ID: 202203437
Project ID: TexasCountryInspe
Received Date: 3/25/2022 9:28:00 AM
Customer PO:

The test results in this report meet all NELAP requirements related to SRA's NELAP accredited parameters unless noted otherwise. As of April 22, 2008, all reports and associated data will be retained by SRA for a minimum of five (5) years, unless prior written agreement is made with the client.

Due to the uncertainty of analytical measurements, the use of the measured values in this report for regulatory compliance must be evaluated by the client.

Results are related to the samples received. This report shall not be reproduced except in full without written approval of the SRA laboratory.

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NELAP Accredited #T104704266-21-18

Polle Holtham

Reviewed and Released
Polle Holtham, Technical Director
pholtham@srax.org

Order ID
202203437

Prepared For:
Project Name: TexasCountryInspection

Receive Date: 3/25/2022 9:28:00 AM
Collector: RP

Sample #: 202203437-001	Collected: 3/25/2022	8:45	Site: 8580 Thomas Dr Orange TX Water W
Customer: Texas Country Inspection	Matrix: Drinking Water		

Test	Method	Result	Units	RDL	Qualifier	Analysis Information
E. Coli	Colisure	Absent			lhenry	3/25/2022 11:45:00 AM
Coliform, Total	Colisure	Absent	col/100 mls		lhenry	3/25/2022 11:45:00 AM

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DATA QUALIFIERS

REPORT COMMENTS

1) All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

2) Reporting limits are adjusted for sample size and dilutions.

3) According to 40 CFR Parts 136.3, pH, Chlorine Residual and Dissolved Oxygen analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field, (e.g. pH Field) they were not analyzed immediately, but as soon as possible when received by the laboratory.

A	Possible matrix interference present in sample.
A1	Spike recovery outside of established control limits, indicating a possible matrix interference. Method performance is demonstrated by acceptable LCS recoveries.
B	Sample value reported below RDL for spike (LFM) calculation.
B1	Target analyte was found in the method blank.
C	Poor RPD values observed due to the non-homogenous nature of the sample.
D	Sample reported from a dilution.
D1	Spike diluted.
D2	Due to the nature of matrix interferences, sample was diluted prior to analysis.
D3	50mL dilution was performed on sample prior to analysis.
E	The reported concentration exceeds the instrument calibration.

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- F Out of control QA/QC not associated with this sample.
- F1 Continuing Calibration verification (CCV) standard is not associated with the samples reported.
- G Marginal outlier within 1% of acceptance criteria.
- H Analysis was performed in duplicate to validate result.
- I Sample was filtered prior to analysis.
- J No volume filtered yielded an ideal plate count of 20-60 fecal coliform colonies per membrane.
- K Out of control QC does not affect the quality of reported results.
- L BOD/CBOD LCS value is not within method acceptance criteria. Due to the nature of the test method, sample cannot be reanalyzed.
- L1 BOD result calculated as > due to final DO readings for all dilutions used being <1.0 mg/L.
- L2 BOD result calculated as < due to none of the dilutions used meeting the required depletion of 2.0 mg/L.
- L3 BOD/CBOD dilution water blanks had a depletion > 0.2 mg/L.
- L4 BOD/CBOD seed correction is not within method acceptance criteria. Due to the nature of the test method, the sample cannot be reanalyzed.
- L5 BOD method blank was greater than 2, sample results may be biased slightly high.
- L6 % deviation between Winkler titration DO values and meter values was >1.25%. Due to the nature of the test method, the sample cannot be reanalyzed.
- L7 Sample result may be affected by potential toxicity. BOD results increased as sample dilutions increased and the results from the highest and lowest dilution differed by more than 30%.
- M LCS analysis yielded high recoveries, indicating a potential high bias.
- M1 RDL check standard had a high recovery. Result may be biased high.
- N Laboratory not NELAC accredited for analyte.
- N1 No NELAC Accreditation currently available for this analyte.
- N2 Analyte approved under the TCEQ Drinking Water Laboratory program.
- O Sample required dilution due to matrix interference.
- P Insufficient sample volume to perform chlorine check prior to analysis.
- Q Equipment temperature fell outside of the required temperature range at some point during incubation/storage of this sample. It is not known if this deviation affected sample results.
- Q1 An equipment temperature reading was not documented at some point during the incubation/storage of this sample. Temperature readings before and after were within range.
- R RPD value is outside method acceptance criteria.
- S Sample received in an unverified/inappropriate container not supplied by the laboratory and may not meet data quality standards.
- S1 Sample received in container inappropriate for analysis.

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S2 Sample received without preservation and was preserved at the lab upon receipt.

T Analysis conducted outside of the required holding time based on client request.

T1 Analysis was conducted outside of the required 15 minute holding time.

U Sample was filtered upon receipt at lab, more than 15 minutes after collections.

V Analyte was detected in both the sample and the associated method blank

W The LFM/LFMD recoveries are outside QC acceptance criteria because the spike amount is much less than the amount found in the sample.

X QCS/LCS failed to meet provider's acceptance criteria. Data accepted based on other QC.

Y QC failed due to analyst technical error.

Z See case narrative.

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SAMPLE CONDITION RECORD

Is there sufficient air space in bottle for bacteriological analysis?	Yes
Is the volume of sample submitted sufficient for the requested test(s)?	Yes
Were all samples within the holding time for the requested test(s)?	Yes
Were samples received cold?	No
Were samples received on ice?	No
Were samples received with applicable perservative?	Yes
Are bottle caps tight and securely in place?	Yes
Are the number of samples the same as stated on the chain of custody?	Yes
Are samples submitted with a correct and complete chain of custody?	Yes

SABINE RIVER AUTHORITY ENVIRONMENTAL SERVICES DIVISION

CUSTOMER REQUEST FORM FOR TOTAL COLIFORM/ANALYSIS

(One Form Per Sample)

202203437

General Information

Please fill out the "Report to", "Water Supply", and "Sample Collection" information below. Payment is required upon submission of sample. Fill out the form neatly and completely in ink, this will be your laboratory report. Read instructions on reverse side before collecting sample. If there are any questions, please ask lab personnel for assistance. The laboratory reserves the right to reject any sample if the requirements listed on the reverse side of this form are not met.

Send Report to: Choose one: Email Fax Mail info@texascountryinspection.com

Name: <u>Texas Country Inspection</u>			
Street: <u>PO Box 23224</u>			
City: <u>Beaumont</u>	State: <u>TX</u>	Zip: <u>77720</u>	
Phone: <u>409-651-6539</u>	Email: <u>info@texascountryinspection.com</u>		

Water Supply Information

Address of property: (If different than above)	<u>8580 Thomts Dr, Orange, TX 77630</u>
Owner of water supply:	
Sample location: (Ex: Kitchen Sink)	<u>Water well</u>
Real estate agency's address and fax number (if analysis is being conducted for real estate purposes)	<u>N/A</u>

Sample Collection Information

Read instructions on reverse side before collecting sample.

<u>Name of person collecting sample</u>	<u>Date Collected</u>	<u>Time Sample Collected</u>
<u>R. Placette</u>	<u>3/25/22</u>	<u>8:45am</u>

Laboratory Sample Information

<u>Received By:</u>	<u>Date</u>	<u>Time</u>
<u>[Signature]</u>	<u>3/25/22</u>	<u>09:28</u>
<u>Condition of Sample:</u>	<u>Temp/Correction:</u>	<u>Cooler Temp:</u>
<u>22-8 / 22-9 C</u>	<u>No Ice</u>	<u>10</u>
	<u>Gun #:</u>	<u>Chlorine Check:</u>
		<u>ch / vnegpc</u>

Analytical Test Result

<u>Result</u>	<u>Date</u>	<u>Time</u>	<u>Analyst</u>
Present <input type="checkbox"/> Absent <input checked="" type="checkbox"/>	<u>3/25/22</u>	<u>1145</u>	<u>LH</u>

As per the Texas Commission on Environmental Quality Water Utilities Division, water of satisfactory bacteriological quality should be free from coliform organisms.

Passed
 Failed

Approved by: [Signature]

Date Approved: 3/28/22

Total Coliform in Drinking Water:
IDEXX Colisure™ Method

Colisure™ media is added to 100mL of sample. The sample is incubated @ 35°C (±0.5°C) for 24 hours.