

# Laboratory Analysis Report

Total Number of Pages: 7

Job ID : 21072075



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**Client Project Name :**  
**29205 / Glifford Meadows / City of Angleton**

<b>Report To :</b>	Client Name:	Clearwater Utilities Inc.	P.O.#.: 29205
	Attn:	Shannan Stephens	Sample Collected By: Joe Cerda
	Client Address:	22803 Schiel Rd.	Date Collected: 07/26/21
	City, State, Zip:	Cypress, Texas, 77433	

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**A&B Labs has analyzed the following samples...**

Client Sample ID	Matrix	A&B Sample ID
1A Laura Leigh FV Sta 2+55	Drinking Water	21072075.01
2A Laura Leigh FV Sta 10+85	Drinking Water	21072075.02
3A Lisa Marie FV Sta 7+45	Drinking Water	21072075.03

A handwritten signature in black ink, appearing to read 'S. C. LK'.

Released By: Senthilkumar Sevukan  
Title: Vice President Operations  
Date: 7/27/2021

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This Laboratory is NELAP ( T104704213) accredited. Effective: 04/01/2021; Expires: 3/31/2022  
Scope: Non-Potable Water, Drinking Water, Air, Solid, Biological Tissue, Hazardous Waste

I am the laboratory manager, or his/her designee, and I am responsible for the release of this data package. This laboratory data package has been reviewed and is complete and technically compliant with the requirements of the methods used, except where noted in the attached exception reports. I affirm, to the best of my knowledge that all problems/anomalies observed by this laboratory (and if applicable, any and all laboratories subcontracted through this laboratory) that might affect the quality of the data, have been identified in the Laboratory Review Checklist, and that no information or data have been knowingly withheld that would affect the quality of the data.

This report cannot be reproduced, except in full, without prior written permission of A&B Labs. Results shown relate only to the items tested. Results apply to the sample as received. Samples are assumed to be in acceptable condition unless otherwise noted. Blank correction is not made unless otherwise noted. Air concentrations reported are based on field sampling information provided by client. Soil samples are reported on a wet weight basis unless otherwise noted. Uncertainty estimates are available on request.

ab-q210-0321

Date Received : 07/26/2021 13:06

# LABORATORY TERM AND QUALIFIER DEFINITION REPORT



Job ID : 21072075

Date: 7/27/2021

## General Term Definition

Back-Wt	Back Weight	Post-Wt	Post Weight
BRL	Below Reporting Limit	ppm	parts per million
cfu	colony-forming units	Pre-Wt	Previous Weight
Conc.	Concentration	Q	Qualifier
D.F.	Dilution Factor	RegLimit	Regulatory Limit
Front-Wt	Front Weight	RPD	Relative Percent Difference
LCS	Laboratory Check Standard	RptLimit	Reporting Limit
LCSD	Laboratory Check Standard Duplicate	SDL	Sample Detection Limit
MS	Matrix Spike	surr	Surrogate
MSD	Matrix Spike Duplicate	T	Time
MW	Molecular Weight	TNTC	Too numerous to count
J	Estimation. Below calibration range but above MDL		

## Qualifier Definition

**LABORATORY TEST RESULTS**

Job ID : 21072075

Date 7/27/2021

Client Name: Clearwater Utilities Inc.

Attn: Shannan Stephens

Project Name: 29205 / Glifford Meadows / City of Angleton

Client Sample ID: 1A Laura Leigh FV Sta 2+55

Job Sample ID: 21072075.01

Date Collected: 07/26/21

Sample Matrix Drinking Water

Time Collected: 07:20

Other Information:

Test Method	Parameter/Test Description	Result	Units	DF	Rpt Limit	Reg Limit	Q	Date Time	Analyst
SM 9223B	Coliform, Drinking Water								
	Coliform, Total	Absent	/100mL					07/26/21 17:30	SB
	E. coli	Absent	/100mL					07/26/21 17:30	SB

**LABORATORY TEST RESULTS**

Job ID : 21072075

Date 7/27/2021

Client Name: Clearwater Utilities Inc.

Attn: Shannan Stephens

Project Name: 29205 / Glifford Meadows / City of Angleton

Client Sample ID: 2A Laura Leigh FV Sta 10+85

Job Sample ID: 21072075.02

Date Collected: 07/26/21

Sample Matrix Drinking Water

Time Collected: 07:25

Other Information:

Test Method	Parameter/Test Description	Result	Units	DF	Rpt Limit	Reg Limit	Q	Date Time	Analyst
SM 9223B	Coliform, Drinking Water								
	Coliform, Total	Absent	/100mL					07/26/21 17:30	SB
	E. coli	Absent	/100mL					07/26/21 17:30	SB

**LABORATORY TEST RESULTS**

Job ID : 21072075

Date 7/27/2021

Client Name: Clearwater Utilities Inc.

Attn: Shannan Stephens

Project Name: 29205 / Glifford Meadows / City of Angleton

Client Sample ID: 3A Lisa Marie FV Sta 7+45

Job Sample ID: 21072075.03

Date Collected: 07/26/21

Sample Matrix Drinking Water

Time Collected: 07:30

Other Information:

Test Method	Parameter/Test Description	Result	Units	DF	Rpt Limit	Reg Limit	Q	Date Time	Analyst
SM 9223B	Coliform, Drinking Water								
	Coliform, Total	Absent	/100mL					07/26/21 17:30	SB
	E. coli	Absent	/100mL					07/26/21 17:30	SB



## Sample Condition Checklist

A&B JobID : <b>21072075</b>		Date Received : <b>07/26/2021</b>		Time Received : <b>1:06PM</b>								
Client Name : <b>Clearwater Utilities Inc.</b>												
Temperature : <b>22.5-0.1cf=22.4°C</b>		Sample pH : <b>n/a</b>										
Thermometer ID : <b>1709629</b>		pH Paper ID : <b>n/a</b>										
Perservative :												
	<b>Check Points</b>				<b>Yes</b>	<b>No</b>	<b>N/A</b>					
<b>1.</b>	<b>Cooler seal present and signed.</b>					X						
<b>2.</b>	<b>Sample(s) in a cooler.</b>				X							
<b>3.</b>	<b>If yes, ice in cooler.</b>				X							
<b>4.</b>	<b>Sample(s) received with chain-of-custody.</b>				X							
<b>5.</b>	<b>C-O-C signed and dated.</b>				X							
<b>6.</b>	<b>Sample(s) received with signed sample custody seal.</b>					X						
<b>7.</b>	<b>Sample containers arrived intact. (If no comment).</b>				X							
<b>8.</b>	<b>Matrix</b>	<b>Water</b>	<b>Soil</b>	<b>Liquid</b>	<b>Sludge</b>	<b>Solid</b>	<b>Cassette</b>	<b>Tube</b>	<b>Bulk</b>	<b>Badge</b>	<b>Food</b>	<b>Other</b>
	:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>9.</b>	<b>Sample(s) were received in appropriate container(s).</b>				X							
<b>10.</b>	<b>Sample(s) were received with proper preservative</b>				X							
<b>11.</b>	<b>All samples were logged or labeled.</b>				X							
<b>12.</b>	<b>Sample ID labels match C-O-C ID's</b>				X							
<b>13.</b>	<b>Bottle count on C-O-C matches bottles found.</b>				X							
<b>14.</b>	<b>Sample volume is sufficient for analyses requested.</b>				X							
<b>15.</b>	<b>Samples were received within the hold time.</b>				X							
<b>16.</b>	<b>VOA vials completely filled.</b>											X
<b>17.</b>	<b>Sample accepted.</b>				X							
<b>18.</b>	<b>Has client been contacted about sub-out</b>											X
<b>Comments : Include actions taken to resolve discrepancies/problem:</b>												

Received by : TGillespie

Check in by/date : TGillespie / 07/26/2021

ab-s005-0321

Phone : 713-453-6060

www.ablabs.com

\* Job ID:21072075



07/26/2021 Clearwater Utilities Inc. AMS

A&amp;B JOB ID #

5. Project # 29205

6. Project Name/Location

Bifford Meadows / City of Angleton

7. Reporting Requirement:

☐ TRRP Limits only
 ☐ TRRP Rpt. Package
 ☐ See Attached
 ☐ Standard Level II
 ☐ PST
 ☐ MDL
 ☐ EDD

8. Sampler's Name &amp; Company (PLEASE PRINT)

Sampler's Signature &amp; Date

Joe Cerda - Clearwater Utilities

LAB USE ONLY

9. Sample ID and Description

10. Sampling

11.

12.

Matrix

Date

Time 24hr

Comp.

Grab

Water

Soil

Sludge

Oil

Drinking Water

Air

Other

01A 1A Laura Leigh FV Sta. 2+55

7-26-21 0720

02A 2A Laura Leigh FV Sta. 10+85

7-26-21 0725

03A 3A Lisa Marie FV Sta. 7+45

7-26-21 0730

19. RELINQUISHED BY

DATE

TIME

20. RECEIVED BY

DATE

TIME

21. KNOWN HAZARDS/COMMENTS

1 O'Donnell

7/26/21

1:00 pm

Tina

7-26-21

1300

NO COOLER

2

3

\*Containers: VOA - 40 ml vial  
4 oz/8 oz - glass wide mouthA/G - Amber/Glass 1 Liter  
P/O - Plastic/other\*\*Preservatives: C - Cool  
OH - NaOHH - HCl  
T - Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>N - HNO<sub>3</sub>  
X - OtherS - H<sub>2</sub>SO<sub>4</sub>

Temperature: 22.5 - 0.1 = 22.4

Thermometer ID 1709629

Intact: 0 or N

Initials

TCS

METHOD OF SHIPMENT

BILL OF LADING/TRACKING #

LAB USE ONLY

SAMPLING

RENTAL

P/U

Supplies

Field Work

A&B cannot accept verbal changes  
Please FAX written changes to 713-453-6091  
Samples will be disposed of after 30 days  
A&B reserves the right to return samples