

## ANALYTICAL REPORT

Eurofins Pensacola  
3355 McLemore Drive  
Pensacola, FL 32514  
Tel: (850)474-1001

Laboratory Job ID: 400-219835-1

Client Project/Site: Hogtown Bayou Run  
Revision: 1

**For:**

DEP - Bureau of Labs Biology Section  
Twin Towers Lab Complex A Rm 216 6515  
2600 Blairstone Rd MS  
Tallahassee, Florida 32399

Attn: Reporting Group



Authorized for release by:

5/26/2022 10:01:58 AM

Noel Savoie, Project Manager I  
(850)254-0107

[Noel.Savoie@et.eurofinsus.com](mailto:Noel.Savoie@et.eurofinsus.com)

### LINKS

Review your project  
results through



Have a Question?



Visit us at:

[www.eurofinsus.com/Env](http://www.eurofinsus.com/Env)

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

# Table of Contents

|                                  |    |
|----------------------------------|----|
| Cover Page . . . . .             | 1  |
| Table of Contents . . . . .      | 2  |
| Definitions/Glossary . . . . .   | 3  |
| Case Narrative . . . . .         | 4  |
| Client Sample Results . . . . .  | 5  |
| QC Sample Results . . . . .      | 6  |
| QC Association Summary . . . . . | 7  |
| Lab Chronicle . . . . .          | 8  |
| Certification Summary . . . . .  | 12 |
| Method Summary . . . . .         | 13 |
| Sample Summary . . . . .         | 14 |
| Chain of Custody . . . . .       | 15 |
| Receipt Checklists . . . . .     | 16 |



## Definitions/Glossary

Client: DEP - Bureau of Labs Biology Section  
Project/Site: Hogtown Bayou Run

Job ID: 400-219835-1

### Qualifiers

#### Biology

| Qualifier | Qualifier Description                                                                                                                                        |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| B         | Results based upon colony counts outside the acceptable range. This code applies to microbiological tests and specifically to membrane filter colony counts. |
| U         | Indicates that the compound was analyzed for but not detected.                                                                                               |

### Glossary

| Abbreviation   | These commonly used abbreviations may or may not be present in this report.                                 |
|----------------|-------------------------------------------------------------------------------------------------------------|
| □              | Listed under the "D" column to designate that the result is reported on a dry weight basis                  |
| %R             | Percent Recovery                                                                                            |
| CFL            | Contains Free Liquid                                                                                        |
| CFU            | Colony Forming Unit                                                                                         |
| CNF            | Contains No Free Liquid                                                                                     |
| DER            | Duplicate Error Ratio (normalized absolute difference)                                                      |
| Dil Fac        | Dilution Factor                                                                                             |
| DL             | Detection Limit (DoD/DOE)                                                                                   |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC            | Decision Level Concentration (Radiochemistry)                                                               |
| EDL            | Estimated Detection Limit (Dioxin)                                                                          |
| LOD            | Limit of Detection (DoD/DOE)                                                                                |
| LOQ            | Limit of Quantitation (DoD/DOE)                                                                             |
| MCL            | EPA recommended "Maximum Contaminant Level"                                                                 |
| MDA            | Minimum Detectable Activity (Radiochemistry)                                                                |
| MDC            | Minimum Detectable Concentration (Radiochemistry)                                                           |
| MDL            | Method Detection Limit                                                                                      |
| ML             | Minimum Level (Dioxin)                                                                                      |
| MPN            | Most Probable Number                                                                                        |
| MQL            | Method Quantitation Limit                                                                                   |
| NC             | Not Calculated                                                                                              |
| ND             | Not Detected at the reporting limit (or MDL or EDL if shown)                                                |
| NEG            | Negative / Absent                                                                                           |
| POS            | Positive / Present                                                                                          |
| PQL            | Practical Quantitation Limit                                                                                |
| PRES           | Presumptive                                                                                                 |
| QC             | Quality Control                                                                                             |
| RER            | Relative Error Ratio (Radiochemistry)                                                                       |
| RL             | Reporting Limit or Requested Limit (Radiochemistry)                                                         |
| RPD            | Relative Percent Difference, a measure of the relative difference between two points                        |
| TEF            | Toxicity Equivalent Factor (Dioxin)                                                                         |
| TEQ            | Toxicity Equivalent Quotient (Dioxin)                                                                       |
| TNTC           | Too Numerous To Count                                                                                       |

## Case Narrative

Client: DEP - Bureau of Labs Biology Section  
Project/Site: Hogtown Bayou Run

Job ID: 400-219835-1

**Job ID: 400-219835-1**

**Laboratory: Eurofins Pensacola**

### Narrative

**Job Narrative**  
**400-219835-1**

### Comments

No additional comments.

### Revision

The report being provided is a revision of the original report sent on 5/26/2022. The report (revision 1) is being revised due to correct the time zone, which means all samples were analyzed in hold.

### Receipt

The samples were received on 5/12/2022 2:15 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 0.0° C.

### General Chemistry

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

# Client Sample Results

Client: DEP - Bureau of Labs Biology Section  
Project/Site: Hogtown Bayou Run

Job ID: 400-219835-1

**Client Sample ID: G3NW0152 HOGTOWN BAYOU**

**Lab Sample ID: 400-219835-1**

Date Collected: 05/12/22 11:30

Matrix: Water

Date Received: 05/12/22 14:15

**Method: SM 9222D - Coliforms, Fecal (Membrane Filter)**

| Analyte         | Result | Qualifier | PQL  | MDL  | Unit      | D | Prepared | Analyzed       | Dil Fac |
|-----------------|--------|-----------|------|------|-----------|---|----------|----------------|---------|
| Coliform, Fecal | 14.0   | B         | 2.00 | 2.00 | CFU/100mL |   |          | 05/12/22 17:22 | 2       |

**Client Sample ID: G3NW0185 MACK BAYOU**

**Lab Sample ID: 400-219835-2**

Date Collected: 05/12/22 10:15

Matrix: Water

Date Received: 05/12/22 14:15

**Method: SM 9222D - Coliforms, Fecal (Membrane Filter)**

| Analyte         | Result | Qualifier | PQL  | MDL  | Unit      | D | Prepared | Analyzed       | Dil Fac |
|-----------------|--------|-----------|------|------|-----------|---|----------|----------------|---------|
| Coliform, Fecal | 4.00   | B         | 2.00 | 2.00 | CFU/100mL |   |          | 05/12/22 17:22 | 2       |

**Client Sample ID: G3NW0233 BUCK BAYOU**

**Lab Sample ID: 400-219835-3**

Date Collected: 05/12/22 09:45

Matrix: Water

Date Received: 05/12/22 14:15

**Method: SM 9222D - Coliforms, Fecal (Membrane Filter)**

| Analyte         | Result | Qualifier | PQL  | MDL  | Unit      | D | Prepared | Analyzed       | Dil Fac |
|-----------------|--------|-----------|------|------|-----------|---|----------|----------------|---------|
| Coliform, Fecal | 8.00   | B         | 4.00 | 4.00 | CFU/100mL |   |          | 05/12/22 17:22 | 4       |

**Client Sample ID: G3NW0218 HEWETT BAYOU**

**Lab Sample ID: 400-219835-4**

Date Collected: 05/12/22 10:35

Matrix: Water

Date Received: 05/12/22 14:15

**Method: SM 9222D - Coliforms, Fecal (Membrane Filter)**

| Analyte         | Result | Qualifier | PQL  | MDL  | Unit      | D | Prepared | Analyzed       | Dil Fac |
|-----------------|--------|-----------|------|------|-----------|---|----------|----------------|---------|
| Coliform, Fecal | 4.00   | B         | 4.00 | 4.00 | CFU/100mL |   |          | 05/12/22 17:22 | 4       |

**Client Sample ID: G3NW0234 MUSSETT BAYOU**

**Lab Sample ID: 400-219835-5**

Date Collected: 05/12/22 11:00

Matrix: Water

Date Received: 05/12/22 14:15

**Method: SM 9222D - Coliforms, Fecal (Membrane Filter)**

| Analyte         | Result | Qualifier | PQL  | MDL  | Unit      | D | Prepared | Analyzed       | Dil Fac |
|-----------------|--------|-----------|------|------|-----------|---|----------|----------------|---------|
| Coliform, Fecal | 6.00   | B         | 2.00 | 2.00 | CFU/100mL |   |          | 05/12/22 17:22 | 2       |

**Client Sample ID: G3NW0235 CHURCHILL BAYOU**

**Lab Sample ID: 400-219835-6**

Date Collected: 05/12/22 11:15

Matrix: Water

Date Received: 05/12/22 14:15

**Method: SM 9222D - Coliforms, Fecal (Membrane Filter)**

| Analyte         | Result | Qualifier | PQL  | MDL  | Unit      | D | Prepared | Analyzed       | Dil Fac |
|-----------------|--------|-----------|------|------|-----------|---|----------|----------------|---------|
| Coliform, Fecal | 18.0   | B         | 2.00 | 2.00 | CFU/100mL |   |          | 05/12/22 17:22 | 2       |

# QC Sample Results

Client: DEP - Bureau of Labs Biology Section  
Project/Site: Hogtown Bayou Run

Job ID: 400-219835-1

## Method: SM 9222D - Coliforms, Fecal (Membrane Filter)

Lab Sample ID: MB 400-578006/1

Matrix: Water

Analysis Batch: 578006

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte         | MB<br>Result | MB<br>Qualifier | PQL  | MDL  | Unit      | D | Prepared | Analyzed       | Dil Fac |
|-----------------|--------------|-----------------|------|------|-----------|---|----------|----------------|---------|
| Coliform, Fecal | 1.00         | U               | 1.00 | 1.00 | CFU/100mL |   |          | 05/12/22 17:22 | 1       |

Lab Sample ID: LCS 400-578006/2

Matrix: Water

Analysis Batch: 578006

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte         | Spike<br>Added | LCS<br>Result | LCS<br>Qualifier | Unit      | D | %Rec | %Rec<br>Limits |
|-----------------|----------------|---------------|------------------|-----------|---|------|----------------|
| Coliform, Fecal | 6000           | 6000          |                  | CFU/100mL |   | 100  | 0 - 100        |

Lab Sample ID: 400-219835-1 DU

Matrix: Water

Analysis Batch: 578006

Client Sample ID: G3NW0152 HOGTOWN BAYOU

Prep Type: Total/NA

| Analyte         | Sample<br>Result | Sample<br>Qualifier | DU<br>Result | DU<br>Qualifier | Unit      | D | RPD | RPD<br>Limit |
|-----------------|------------------|---------------------|--------------|-----------------|-----------|---|-----|--------------|
| Coliform, Fecal | 14.0             | B                   | 10.0         | U               | CFU/100mL |   | NC  | 50           |

## QC Association Summary

Client: DEP - Bureau of Labs Biology Section  
Project/Site: Hogtown Bayou Run

Job ID: 400-219835-1

### Biology

#### Analysis Batch: 578006

| Lab Sample ID    | Client Sample ID         | Prep Type | Matrix | Method   | Prep Batch |
|------------------|--------------------------|-----------|--------|----------|------------|
| 400-219835-1     | G3NW0152 HOGTOWN BAYOU   | Total/NA  | Water  | SM 9222D |            |
| 400-219835-2     | G3NW0185 MACK BAYOU      | Total/NA  | Water  | SM 9222D |            |
| 400-219835-3     | G3NW0233 BUCK BAYOU      | Total/NA  | Water  | SM 9222D |            |
| 400-219835-4     | G3NW0218 HEWETT BAYOU    | Total/NA  | Water  | SM 9222D |            |
| 400-219835-5     | G3NW0234 MUSSETT BAYOU   | Total/NA  | Water  | SM 9222D |            |
| 400-219835-6     | G3NW0235 CHURCHILL BAYOU | Total/NA  | Water  | SM 9222D |            |
| MB 400-578006/1  | Method Blank             | Total/NA  | Water  | SM 9222D |            |
| LCS 400-578006/2 | Lab Control Sample       | Total/NA  | Water  | SM 9222D |            |
| 400-219835-1 DU  | G3NW0152 HOGTOWN BAYOU   | Total/NA  | Water  | SM 9222D |            |

# Lab Chronicle

Client: DEP - Bureau of Labs Biology Section  
Project/Site: Hogtown Bayou Run

Job ID: 400-219835-1

**Client Sample ID: G3NW0152 HOGTOWN BAYOU**

**Lab Sample ID: 400-219835-1**

**Date Collected: 05/12/22 11:30**

**Matrix: Water**

**Date Received: 05/12/22 14:15**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed                           | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|------------------------------------------------|---------|---------|
| Total/NA  | Analysis   | SM 9222D     |     | 2          |                |              | 578006       | (Start) 05/12/22 17:22<br>(End) 05/13/22 17:00 | DEK     | TAL PEN |

**Client Sample ID: G3NW0185 MACK BAYOU**

**Lab Sample ID: 400-219835-2**

**Date Collected: 05/12/22 10:15**

**Matrix: Water**

**Date Received: 05/12/22 14:15**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed                           | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|------------------------------------------------|---------|---------|
| Total/NA  | Analysis   | SM 9222D     |     | 2          |                |              | 578006       | (Start) 05/12/22 17:22<br>(End) 05/13/22 17:00 | DEK     | TAL PEN |

**Client Sample ID: G3NW0233 BUCK BAYOU**

**Lab Sample ID: 400-219835-3**

**Date Collected: 05/12/22 09:45**

**Matrix: Water**

**Date Received: 05/12/22 14:15**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed                           | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|------------------------------------------------|---------|---------|
| Total/NA  | Analysis   | SM 9222D     |     | 4          |                |              | 578006       | (Start) 05/12/22 17:22<br>(End) 05/13/22 17:00 | DEK     | TAL PEN |

**Client Sample ID: G3NW0218 HEWETT BAYOU**

**Lab Sample ID: 400-219835-4**

**Date Collected: 05/12/22 10:35**

**Matrix: Water**

**Date Received: 05/12/22 14:15**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed                           | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|------------------------------------------------|---------|---------|
| Total/NA  | Analysis   | SM 9222D     |     | 4          |                |              | 578006       | (Start) 05/12/22 17:22<br>(End) 05/13/22 17:00 | DEK     | TAL PEN |

**Client Sample ID: G3NW0234 MUSSETT BAYOU**

**Lab Sample ID: 400-219835-5**

**Date Collected: 05/12/22 11:00**

**Matrix: Water**

**Date Received: 05/12/22 14:15**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed                           | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|------------------------------------------------|---------|---------|
| Total/NA  | Analysis   | SM 9222D     |     | 2          |                |              | 578006       | (Start) 05/12/22 17:22<br>(End) 05/13/22 17:00 | DEK     | TAL PEN |

# Lab Chronicle

Client: DEP - Bureau of Labs Biology Section  
Project/Site: Hogtown Bayou Run

Job ID: 400-219835-1

**Client Sample ID: G3NW0235 CHURCHILL BAYOU**

**Lab Sample ID: 400-219835-6**

**Date Collected: 05/12/22 11:15**

**Matrix: Water**

**Date Received: 05/12/22 14:15**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | SM 9222D     |     | 2          |                |              | 578006       |                      | DEK     | TAL PEN |
|           |            |              |     |            |                |              | (Start)      | 05/12/22 17:22       |         |         |
|           |            |              |     |            |                |              | (End)        | 05/13/22 17:00       |         |         |

**Client Sample ID: Method Blank**

**Lab Sample ID: MB 400-578006/1**

**Date Collected: N/A**

**Matrix: Water**

**Date Received: N/A**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | SM 9222D     |     | 1          |                |              | 578006       |                      | DEK     | TAL PEN |
|           |            |              |     |            |                |              | (Start)      | 05/12/22 17:22       |         |         |
|           |            |              |     |            |                |              | (End)        | 05/13/22 17:00       |         |         |

**Client Sample ID: Lab Control Sample**

**Lab Sample ID: LCS 400-578006/2**

**Date Collected: N/A**

**Matrix: Water**

**Date Received: N/A**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | SM 9222D     |     | 1          |                |              | 578006       |                      | DEK     | TAL PEN |
|           |            |              |     |            |                |              | (Start)      | 05/12/22 17:22       |         |         |
|           |            |              |     |            |                |              | (End)        | 05/13/22 17:00       |         |         |

**Client Sample ID: G3NW0152 HOGTOWN BAYOU**

**Lab Sample ID: 400-219835-1 DU**

**Date Collected: 05/12/22 11:30**

**Matrix: Water**

**Date Received: 05/12/22 14:15**

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | SM 9222D     |     | 10         |                |              | 578006       |                      | DEK     | TAL PEN |
|           |            |              |     |            |                |              | (Start)      | 05/12/22 17:22       |         |         |
|           |            |              |     |            |                |              | (End)        | 05/13/22 17:00       |         |         |

## Laboratory References:

TAL PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

## Coliform Calculations

| Sample # | Colonies # | Sample Size (mL) | CFU/100 mL |
|----------|------------|------------------|------------|
| 1-DU     | 0          | 10               | 0          |
|          |            |                  |            |
|          |            |                  |            |
| Total    | 0          | 10               | 0          |

219835-1

|       |   |    |    |
|-------|---|----|----|
| 1     | 7 | 50 | B  |
| 1     |   |    |    |
| 1     |   |    |    |
| 1     |   |    |    |
| Total | 7 | 50 | 14 |

219835-2

|       |   |    |   |
|-------|---|----|---|
| 2     | 2 | 50 | B |
| 2     |   |    |   |
| 2     |   |    |   |
| 2     |   |    |   |
| Total | 2 | 50 | 4 |

219835-3

|       |   |    |   |
|-------|---|----|---|
| 3     | 2 | 25 | B |
| 3     |   |    |   |
| 3     |   |    |   |
| 3     |   |    |   |
| Total | 2 | 25 | 8 |

219835-4

|       |   |    |   |
|-------|---|----|---|
| 4     | 1 | 25 | B |
| 4     |   |    |   |
| 4     |   |    |   |
| 4     |   |    |   |
| Total | 1 | 25 | 4 |

219835-5

|       |   |    |   |
|-------|---|----|---|
| 5     | 3 | 50 | B |
| 5     |   |    |   |
| 5     |   |    |   |
| 5     |   |    |   |
| Total | 3 | 50 | 6 |

219835-6

|       |   |    |    |
|-------|---|----|----|
| 6     | 9 | 50 | B  |
| 6     |   |    |    |
| 6     |   |    |    |
| 6     |   |    |    |
| Total | 9 | 50 | 18 |

| Sample # | Colonies # | Sample Size (mL) | CFU/100 mL |
|----------|------------|------------------|------------|
| 8        |            |                  |            |
| 8        |            |                  |            |
| 8        |            |                  |            |
| 8        |            |                  |            |
| Total    | 0          | 0                | #DIV/0!    |

|       |   |   |         |
|-------|---|---|---------|
| 9     |   |   |         |
| 9     |   |   |         |
| 9     |   |   |         |
| 9     |   |   |         |
| Total | 0 | 0 | #DIV/0! |

|       |   |   |         |
|-------|---|---|---------|
| 10    |   |   |         |
| 10    |   |   |         |
| 10    |   |   |         |
| 10    |   |   |         |
| Total | 0 | 0 | #DIV/0! |

|       |   |   |         |
|-------|---|---|---------|
| 11    |   |   |         |
| 11    |   |   |         |
| 11    |   |   |         |
| 11    |   |   |         |
| Total | 0 | 0 | #DIV/0! |

|       |   |   |         |
|-------|---|---|---------|
| 12    |   |   |         |
| 12    |   |   |         |
| 12    |   |   |         |
| 12    |   |   |         |
| Total | 0 | 0 | #DIV/0! |

|       |   |   |         |
|-------|---|---|---------|
| 13    |   |   |         |
| 13    |   |   |         |
| 13    |   |   |         |
| 13    |   |   |         |
| Total | 0 | 0 | #DIV/0! |

|       |   |   |         |
|-------|---|---|---------|
| 14    |   |   |         |
| 14    |   |   |         |
| 14    |   |   |         |
| 14    |   |   |         |
| Total | 0 | 0 | #DIV/0! |

Fecal Coliform Analysis – Method SM 9222D, 20<sup>th</sup>/SM 9222D-97TALS Batch: 570006mFC ID: 5840065E. coli ID:                     Analyst Setting:                     Date: 5/12/22Analyst Reading:                     Date: 5/13/22Dilution Water ID:                     

Membrane

Filter ID: 3888846Petri Dish ID: 5888846Pipette ID: 5818191Loop ID: 5690138

**Petri dishes must be incubated for 24 ± 2 hours @ 44.5 ± 0.2°C (Instrument ID: Incubator IN004).**

The analyst maintained custody of the samples during analysis and relinquished samples to the storage refrigerator.

| Sample ID            | Type of Sample       | Funnel # | Res Cl (Y/N) | Sample Size (ml) | Set                   | Read                  | # colonies | Colonies/100ml | Confirmed ("X") |
|----------------------|----------------------|----------|--------------|------------------|-----------------------|-----------------------|------------|----------------|-----------------|
|                      |                      |          |              |                  | Time/Temp (hr:min/°C) | Time/Temp (hr:min/°C) |            |                |                 |
| Blank                | Dil H <sub>2</sub> O |          | N            | 100              | 1722 / 44.5           | 1700 / 44.5           | 0          | 0              |                 |
| LCS: E. Coli (+ & +) | QC                   |          |              | 1/100            | /                     | /                     | 2600       | 6000           |                 |
| 219835 A1            | DU                   |          |              | 10               | /                     | /                     | 0          | 11.57          |                 |
|                      |                      |          |              | 10               | /                     | /                     | 0          | 11.42          |                 |
|                      |                      |          |              | 25               | /                     | /                     | 4          | 11.67          |                 |
|                      |                      |          |              | 50               | /                     | /                     | 7          | 25/15/22       |                 |
| 219835 A2            |                      |          |              | 10               | /                     | /                     | 1          | 4.71           |                 |
|                      |                      |          |              | 25               | /                     | /                     | 1          |                |                 |
|                      |                      |          |              | 50               | /                     | /                     | 2          |                |                 |
| 219835 A3            |                      |          |              | 10               | /                     | /                     | 0          | 25/15/22       |                 |
|                      |                      |          |              | 25               | /                     | /                     | 2          | 3.53           |                 |
|                      |                      |          |              | 50               | /                     | /                     | 1          |                |                 |
| 219835 A4            |                      |          |              | 10               | /                     | /                     | 0          | 25/15/22       |                 |
|                      |                      |          |              | 25               | /                     | /                     | 1          | 1.18           |                 |
|                      |                      |          |              | 50               | /                     | /                     | 0          |                |                 |
| 219835 A5            |                      |          |              | 10               | /                     | /                     | 1          | 25/15/22       |                 |
|                      |                      |          |              | 25               | /                     | /                     | 2          | 2.06           |                 |
|                      |                      |          |              | 50               | /                     | /                     | 3          |                |                 |
| 219835 A6            |                      |          |              | 10               | /                     | /                     | 1          | 25/15/22       |                 |
|                      |                      |          |              | 25               | /                     | /                     | 2          | 14.12          |                 |
|                      |                      |          |              | 50               | /                     | /                     | 9          |                |                 |

- E. coli (LGS) must be analyzed every 10 samples.
- Dilution water blanks must be analyzed at the beginning and end of every run (i.e. when a new funnel is used).
- A new funnel must be used every 30 minutes during analysis.
- DU must be analyzed at the same sample volume as the original sample every 10 samples.

Reviewer:                     Date: 5/18/22

## Accreditation/Certification Summary

Client: DEP - Bureau of Labs Biology Section  
Project/Site: Hogtown Bayou Run

Job ID: 400-219835-1

### Laboratory: Eurofins Pensacola

The accreditations/certifications listed below are applicable to this report.

| Authority | Program | Identification Number | Expiration Date |
|-----------|---------|-----------------------|-----------------|
| Florida   | NELAP   | E81010                | 06-30-22        |

1

2

3

4

5

6

7

8

9

10

11

12

13

## Method Summary

Client: DEP - Bureau of Labs Biology Section  
Project/Site: Hogtown Bayou Run

Job ID: 400-219835-1

| Method   | Method Description                 | Protocol | Laboratory |
|----------|------------------------------------|----------|------------|
| SM 9222D | Coliforms, Fecal (Membrane Filter) | SM       | TAL PEN    |

### Protocol References:

SM = "Standard Methods For The Examination Of Water And Wastewater"

### Laboratory References:

TAL PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

## Sample Summary

Client: DEP - Bureau of Labs Biology Section  
Project/Site: Hogtown Bayou Run

Job ID: 400-219835-1

| Lab Sample ID | Client Sample ID         | Matrix | Collected      | Received       |
|---------------|--------------------------|--------|----------------|----------------|
| 400-219835-1  | G3NW0152 HOGTOWN BAYOU   | Water  | 05/12/22 11:30 | 05/12/22 14:15 |
| 400-219835-2  | G3NW0185 MACK BAYOU      | Water  | 05/12/22 10:15 | 05/12/22 14:15 |
| 400-219835-3  | G3NW0233 BUCK BAYOU      | Water  | 05/12/22 09:45 | 05/12/22 14:15 |
| 400-219835-4  | G3NW0218 HEWETT BAYOU    | Water  | 05/12/22 10:35 | 05/12/22 14:15 |
| 400-219835-5  | G3NW0234 MUSSETT BAYOU   | Water  | 05/12/22 11:00 | 05/12/22 14:15 |
| 400-219835-6  | G3NW0235 CHURCHILL BAYOU | Water  | 05/12/22 11:15 | 05/12/22 14:15 |

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other: TMDL

TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmerica

**Project Manager:** Kara Sprague  
Email: dep-overflowmicro@dep.state.fl.us  
Tel/Fax: 850-245-8826

**Analysis Turnaround Time**  
☒ CALENDAR DAYS ☐ WORKING DAYS  
TAT if different from Below  
☒ 2 weeks  
☐ 1 week  
☐ 2 days  
☐ 1 day

**Phone**  
FAX

Project Name: NWROC SMP RQ-2022-05-09-28  
Site: Hogtown Bayou Run  
P O # P02329165

**Identification**

|                          |         |      |   |   |   |   |
|--------------------------|---------|------|---|---|---|---|
| G3NW0152 Hogtown Bayou   | 5/12/22 | 1130 | G | W | 1 | N |
| G3NW0185 Mack Bayou      | 1015    | G    | W | 1 | N |   |
| G3NW0233 Buck Bayou      | 0745    | G    | W | 1 | N |   |
| G3NW0218 Hewett Bayou    | 1035    | G    | W | 1 | N |   |
| G3NW0234 Mussett Bayou   | 1100    | G    | W | 1 | N |   |
| G3NW0235 Churchill Bayou | 5/12/22 | 1115 | G | W | 1 | N |

**Preservation Used:** 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other  
**Possible Hazard Identification:** NONE

Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

**Special Instructions/QC Requirements & Comments:**

**Project Manager:** Kara Sprague  
Email: dep-overflowmicro@dep.state.fl.us  
Tel/Fax: 850-245-8826

**Analysis Turnaround Time**  
☒ CALENDAR DAYS ☐ WORKING DAYS  
TAT if different from Below  
☒ 2 weeks  
☐ 1 week  
☐ 2 days  
☐ 1 day

**Identification**

|                          |         |      |   |   |   |   |
|--------------------------|---------|------|---|---|---|---|
| G3NW0152 Hogtown Bayou   | 5/12/22 | 1130 | G | W | 1 | N |
| G3NW0185 Mack Bayou      | 1015    | G    | W | 1 | N |   |
| G3NW0233 Buck Bayou      | 0745    | G    | W | 1 | N |   |
| G3NW0218 Hewett Bayou    | 1035    | G    | W | 1 | N |   |
| G3NW0234 Mussett Bayou   | 1100    | G    | W | 1 | N |   |
| G3NW0235 Churchill Bayou | 5/12/22 | 1115 | G | W | 1 | N |

**Preservation Used:** 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other  
**Possible Hazard Identification:** NONE

Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

**Special Instructions/QC Requirements & Comments:**

**Project Manager:** Kara Sprague  
Email: dep-overflowmicro@dep.state.fl.us  
Tel/Fax: 850-245-8826

**Analysis Turnaround Time**  
☒ CALENDAR DAYS ☐ WORKING DAYS  
TAT if different from Below  
☒ 2 weeks  
☐ 1 week  
☐ 2 days  
☐ 1 day

**Identification**

|                          |         |      |   |   |   |   |
|--------------------------|---------|------|---|---|---|---|
| G3NW0152 Hogtown Bayou   | 5/12/22 | 1130 | G | W | 1 | N |
| G3NW0185 Mack Bayou      | 1015    | G    | W | 1 | N |   |
| G3NW0233 Buck Bayou      | 0745    | G    | W | 1 | N |   |
| G3NW0218 Hewett Bayou    | 1035    | G    | W | 1 | N |   |
| G3NW0234 Mussett Bayou   | 1100    | G    | W | 1 | N |   |
| G3NW0235 Churchill Bayou | 5/12/22 | 1115 | G | W | 1 | N |

**Preservation Used:** 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other  
**Possible Hazard Identification:** NONE

Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

**Special Instructions/QC Requirements & Comments:**

**Project Manager:** Kara Sprague  
Email: dep-overflowmicro@dep.state.fl.us  
Tel/Fax: 850-245-8826

**Analysis Turnaround Time**  
☒ CALENDAR DAYS ☐ WORKING DAYS  
TAT if different from Below  
☒ 2 weeks  
☐ 1 week  
☐ 2 days  
☐ 1 day

**Identification**

|                          |         |      |   |   |   |   |
|--------------------------|---------|------|---|---|---|---|
| G3NW0152 Hogtown Bayou   | 5/12/22 | 1130 | G | W | 1 | N |
| G3NW0185 Mack Bayou      | 1015    | G    | W | 1 | N |   |
| G3NW0233 Buck Bayou      | 0745    | G    | W | 1 | N |   |
| G3NW0218 Hewett Bayou    | 1035    | G    | W | 1 | N |   |
| G3NW0234 Mussett Bayou   | 1100    | G    | W | 1 | N |   |
| G3NW0235 Churchill Bayou | 5/12/22 | 1115 | G | W | 1 | N |

**Preservation Used:** 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other  
**Possible Hazard Identification:** NONE

Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

**Special Instructions/QC Requirements & Comments:**

**Project Manager:** Kara Sprague  
Email: dep-overflowmicro@dep.state.fl.us  
Tel/Fax: 850-245-8826

**Analysis Turnaround Time**  
☒ CALENDAR DAYS ☐ WORKING DAYS  
TAT if different from Below  
☒ 2 weeks  
☐ 1 week  
☐ 2 days  
☐ 1 day

**Identification**

|                          |         |      |   |   |   |   |
|--------------------------|---------|------|---|---|---|---|
| G3NW0152 Hogtown Bayou   | 5/12/22 | 1130 | G | W | 1 | N |
| G3NW0185 Mack Bayou      | 1015    | G    | W | 1 | N |   |
| G3NW0233 Buck Bayou      | 0745    | G    | W | 1 | N |   |
| G3NW0218 Hewett Bayou    | 1035    | G    | W | 1 | N |   |
| G3NW0234 Mussett Bayou   | 1100    | G    | W | 1 | N |   |
| G3NW0235 Churchill Bayou | 5/12/22 | 1115 | G | W | 1 | N |

**Preservation Used:** 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other  
**Possible Hazard Identification:** NONE

Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

**Special Instructions/QC Requirements & Comments:**

**Project Manager:** Kara Sprague  
Email: dep-overflowmicro@dep.state.fl.us  
Tel/Fax: 850-245-8826

**Analysis Turnaround Time**  
☒ CALENDAR DAYS ☐ WORKING DAYS  
TAT if different from Below  
☒ 2 weeks  
☐ 1 week  
☐ 2 days  
☐ 1 day

**Identification**

|                          |         |      |   |   |   |   |
|--------------------------|---------|------|---|---|---|---|
| G3NW0152 Hogtown Bayou   | 5/12/22 | 1130 | G | W | 1 | N |
| G3NW0185 Mack Bayou      | 1015    | G    | W | 1 | N |   |
| G3NW0233 Buck Bayou      | 0745    | G    | W | 1 | N |   |
| G3NW0218 Hewett Bayou    | 1035    | G    | W | 1 | N |   |
| G3NW0234 Mussett Bayou   | 1100    | G    | W | 1 | N |   |
| G3NW0235 Churchill Bayou | 5/12/22 | 1115 | G | W | 1 | N |

**Preservation Used:** 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other  
**Possible Hazard Identification:** NONE

Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

**Special Instructions/QC Requirements & Comments:**

**Project Manager:** Kara Sprague  
Email: dep-overflowmicro@dep.state.fl.us  
Tel/Fax: 850-245-8826

**Analysis Turnaround Time**  
☒ CALE

## Login Sample Receipt Checklist

Client: DEP - Bureau of Labs Biology Section

Job Number: 400-219835-1

**Login Number: 219835**

**List Source: Eurofins Pensacola**

**List Number: 1**

**Creator: Whitley, Adrian**

| Question                                                                                 | Answer | Comment   |
|------------------------------------------------------------------------------------------|--------|-----------|
| Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.      | N/A    |           |
| The cooler's custody seal, if present, is intact.                                        | N/A    |           |
| Sample custody seals, if present, are intact.                                            | N/A    |           |
| The cooler or samples do not appear to have been compromised or tampered with.           | True   |           |
| Samples were received on ice.                                                            | True   |           |
| Cooler Temperature is acceptable.                                                        | True   |           |
| Cooler Temperature is recorded.                                                          | True   | 0.0°C IR9 |
| COC is present.                                                                          | True   |           |
| COC is filled out in ink and legible.                                                    | True   |           |
| COC is filled out with all pertinent information.                                        | True   |           |
| Is the Field Sampler's name present on COC?                                              | True   |           |
| There are no discrepancies between the containers received and the COC.                  | True   |           |
| Samples are received within Holding Time (excluding tests with immediate HTs)            | True   |           |
| Sample containers have legible labels.                                                   | True   |           |
| Containers are not broken or leaking.                                                    | True   |           |
| Sample collection date/times are provided.                                               | True   |           |
| Appropriate sample containers are used.                                                  | True   |           |
| Sample bottles are completely filled.                                                    | True   |           |
| Sample Preservation Verified.                                                            | N/A    |           |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs         | True   |           |
| Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4"). | N/A    |           |
| Multiphasic samples are not present.                                                     | True   |           |
| Samples do not require splitting or compositing.                                         | True   |           |
| Residual Chlorine Checked.                                                               | N/A    |           |