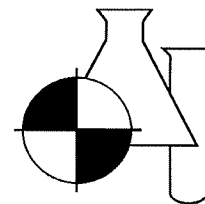


# BENCHMARK

*EnviroAnalytical Inc.*



NELAC Certification #E84167

## ANALYTICAL TEST REPORT

THESE RESULTS MEET NELAC STANDARDS

Submission Number : 20070735

F D E P/S W D  
13051 N Telecom Pkwy.  
Tampa, FL 33637

Project Name : RQ-2020-07-13-05

Date Received : 07/14/2020

Time Received : 1344

Erica Peck

Submission Number: 20070735 Sample Date: 07/14/2020  
Sample Number: 001 Sample Time: 1030  
Sample Description: G1SW0099 Sample Method: Grab

| Parameter      | Result | Units    | MDL | PQL | Procedure  | Preparation Date/Time | Analysis Date/Time | Analyst |
|----------------|--------|----------|-----|-----|------------|-----------------------|--------------------|---------|
| ENTEROCOCCI    | 496    | #/100 ML | 10  | 10  | ENTEROLERT | 07/14/2020 14:45      | 07/15/2020 17:00   | LG      |
| FECAL COLIFORM | 10 U   | #/100 ML | 10  | 10  | SM9222D    | 07/14/2020 15:35      | 07/15/2020 14:08   | LG      |

Submission Number: 20070735 Sample Date: 07/14/2020  
Sample Number: 002 Sample Time: 1045  
Sample Description: G1SW0109 Sample Method: Grab

| Parameter      | Result | Units    | MDL | PQL | Procedure  | Preparation Date/Time | Analysis Date/Time | Analyst |
|----------------|--------|----------|-----|-----|------------|-----------------------|--------------------|---------|
| ENTEROCOCCI    | 134    | #/100 ML | 10  | 10  | ENTEROLERT | 07/14/2020 14:45      | 07/15/2020 17:00   | LG      |
| FECAL COLIFORM | 10 B   | #/100 ML | 10  | 10  | SM9222D    | 07/14/2020 15:35      | 07/15/2020 14:08   | LG      |

Submission Number: 20070735 Sample Date: 07/14/2020  
Sample Number: 003 Sample Time: 1230  
Sample Description: G5SW0169 Sample Method: Grab

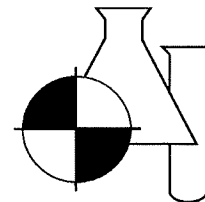
| Parameter   | Result | Units    | MDL | PQL | Procedure  | Preparation Date/Time | Analysis Date/Time | Analyst |
|-------------|--------|----------|-----|-----|------------|-----------------------|--------------------|---------|
| ENTEROCOCCI | 650    | #/100 ML | 10  | 10  | ENTEROLERT | 07/14/2020 14:45      | 07/15/2020 17:00   | LG      |

Submission Number: 20070735 Sample Date: 07/14/2020  
Sample Number: 004 Sample Time: 1220  
Sample Description: G5SW0170 Sample Method: Grab

| Parameter   | Result | Units    | MDL | PQL | Procedure  | Preparation Date/Time | Analysis Date/Time | Analyst |
|-------------|--------|----------|-----|-----|------------|-----------------------|--------------------|---------|
| ENTEROCOCCI | 279    | #/100 ML | 10  | 10  | ENTEROLERT | 07/14/2020 14:45      | 07/15/2020 17:00   | LG      |

# BENCHMARK

## EnviroAnalytical Inc.



NELAC Certification #E84167

Submission Number: 20070735 Sample Date: 07/14/2020  
Sample Number: 005 Sample Time: 1110  
Sample Description: G5SW0134 Sample Method: Grab

| Parameter   | Result | Units    | MDL | PQL | Procedure  | Preparation Date/Time | Analysis Date/Time | Analyst |
|-------------|--------|----------|-----|-----|------------|-----------------------|--------------------|---------|
| ENTEROCOCCI | 723    | #/100 ML | 10  | 10  | ENTEROLERT | 07/14/2020 14:45      | 07/15/2020 17:00   | LG      |

Submission Number: 20070735 Sample Date: 07/14/2020  
Sample Number: 006 Sample Time: 1130  
Sample Description: G5SW0167 Sample Method: Grab

| Parameter   | Result | Units    | MDL | PQL | Procedure  | Preparation Date/Time | Analysis Date/Time | Analyst |
|-------------|--------|----------|-----|-----|------------|-----------------------|--------------------|---------|
| ENTEROCOCCI | 110    | #/100 ML | 10  | 10  | ENTEROLERT | 07/14/2020 14:45      | 07/15/2020 17:00   | LG      |

Submission Number: 20070735 Sample Date: 07/14/2020  
Sample Number: 007 Sample Time: 1145  
Sample Description: G5SW0168 Sample Method: Grab

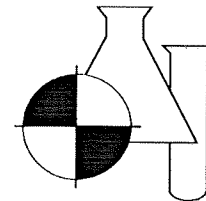
| Parameter   | Result | Units    | MDL | PQL | Procedure  | Preparation Date/Time | Analysis Date/Time | Analyst |
|-------------|--------|----------|-----|-----|------------|-----------------------|--------------------|---------|
| ENTEROCOCCI | 110    | #/100 ML | 10  | 10  | ENTEROLERT | 07/14/2020 14:45      | 07/15/2020 17:00   | LG      |

Submission Number: 20070735 Sample Date: 07/14/2020  
Sample Number: 008 Sample Time: 1210  
Sample Description: G5SW0166 Sample Method: Grab

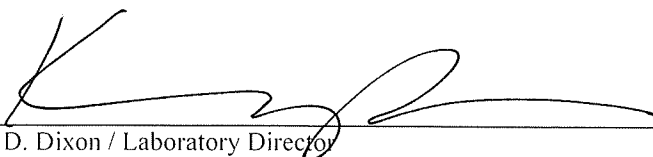
| Parameter   | Result | Units    | MDL | PQL | Procedure  | Preparation Date/Time | Analysis Date/Time | Analyst |
|-------------|--------|----------|-----|-----|------------|-----------------------|--------------------|---------|
| ENTEROCOCCI | 41     | #/100 ML | 10  | 10  | ENTEROLERT | 07/14/2020 14:45      | 07/15/2020 17:00   | LG      |

# BENCHMARK

## EnviroAnalytical Inc.



NELAC Certification #E84167

  
Dale D. Dixon / Laboratory Director

07/21/2020

Date

Tulay Tanrisever - Technical Director/QC Officer

Kara Peterson - QC Officer

### DATA QUALIFIERS THAT MAY APPLY:

A = Value reported is an average of two or more determinations.  
B = Results based upon colony counts outside the ideal range.  
H = Value based on field kit determination. Results may not be accurate.  
I = Reported value is between the laboratory MDL and the PQL.  
J1 = Estimated value. Surrogate recovery limits exceeded.  
J2 = Estimated value. No quality control criteria exists for component.  
J3 = Estimated value. Quality control criteria for precision or accuracy not met.  
J4 = Estimated value. Sample matrix interference suspected.  
J5 = Estimated value. Data questionable due to improper lab or field protocols.  
K = Off-scale low. Value is known to be < the value reported.  
L = Off-scale high. Value is known to be > the value reported.  
N = Presumptive evidence of presence of material.  
O = Sampled, but analysis lost or not performed.

Q = Sample held beyond accepted hold time.  
T = Value reported is < MDL. Reported for informational purposes only and shall not be used in statistical analysis.  
U = Analyte analyzed but not detected at the value indicated.  
V = Analyte detected in sample and method blank. Results for this analyte in associated samples may be biased high. Standard, Duplicate and Spike values are within control limits. Reported data are usable.  
Y = Analysis performed on an improperly preserved sample. Data may be inaccurate.  
Z = Too many colonies were present (TNTC). The numeric value represents the filtration volume.  
! = Data deviate from historically established concentration ranges.  
? = Data rejected and should not be used. Some or all of QC data were outside criteria, and the presence or absence of the analyte cannot be determined from the data.  
\* = Not reported due to interference.  
Oil & Grease - If client does not send sufficient sample quantity for spike evaluation surface water samples are supplied by the laboratory.

### NOTES:

MBAS calculated as LAS; molecular weight = 340.  
PQL = 4xMDL.  
ND = Not detected at or above the adjusted reporting limit.  
X = Value exceeds MCL.  
G1 = Accuracy standard does not meet method control limits, but does meet lab control limits that are in agreement with USEPA generated data. USEPA letter available upon request.

### COMMENTS:

1 (10mL) dilution on each Enterococci and E. coli sample. 2 (1mL, 10mL) dilutions on each Fecal Coliform sample. New Analyst instructed to add a 100mL dilution to all future Fecal Coliform samples.

For questions or comments regarding these results, please contact us at (941) 723-9986.

*Results relate only to the samples.*

Benchmark EnviroAnalytical, Inc  
 1711 12<sup>th</sup> Street East  
 Palmetto, FL 34221  
 941-723-9986  
 941-723-6061 Fax

PO# B77880

**Client Information: FDEP**

Address: 13051 N. Telecom Parkway

Tampa FL 33604

Phone # 815-470-5772

Report to: [Judy.ashton@dep.state.fl.us](mailto:Judy.ashton@dep.state.fl.us) DEP-  
[Overflomicro@dep.state.fl.us](mailto:Overflomicro@dep.state.fl.us)

Invoice to: FDEP Micro Overflow

Project Name: RQ-2020- 07-13-05

Laboratory Submission #

20070735

| Sample Name                              | Sample Type <sup>1</sup> / Sample Matrix <sup>2</sup> | Collection |      | Container |          |                   | Preservative <sup>4</sup> | Parameters for Analysis | Laboratory Sample # |
|------------------------------------------|-------------------------------------------------------|------------|------|-----------|----------|-------------------|---------------------------|-------------------------|---------------------|
|                                          |                                                       | Date       | Time | Qty       | Capacity | Type <sup>3</sup> |                           |                         |                     |
| G15WD0099<br>SNUG HARBOR, -TP428         | SW                                                    | 7-14-20    | 1030 | 1         | 120mL    | P                 | Plain (on Ice)            | FECAL, ENTERO           | 1                   |
| G15WD109<br>SNUG HARBOR - NEAR GEMAWAY   | SW                                                    | 7-14-20    | 1045 | 1         | 120mL    | P                 | Plain (on Ice)            | FECAL, ENTERO           | 2                   |
| G55WD169<br>ST. JOE TRAIL BY WESTCHESTER | SW                                                    | 7-14-20    | 1230 | 1         | 120mL    | P                 | Plain (on Ice)            | ENTERO                  | 3                   |
| G55WD170<br>ST. JOE TRAIL @ 54th AVE     | SW                                                    | 7-14-20    | 1220 | 1         | 120mL    | P                 | Plain (on Ice)            | ENTERO                  | 4                   |
| G55WD134<br>PP DITCH #1 @ 71st ST.       | SW                                                    | 7-14-20    | 1110 | 1         | 120mL    | P                 | Plain (on Ice)            | ENTERO                  | 5                   |
| G55WD167<br>LONG BAYOU @ KEY HAVEN       | SW                                                    | 7-14-20    | 1130 | 1         | 120mL    | P                 | Plain (on Ice)            | ENTERO                  | 6                   |
| G55WD168<br>LONG BAYOU @ SEMINOLE PARK   | SW                                                    | 7-14-20    | 1145 | 1         | 120mL    | P                 | Plain (on Ice)            | ENTERO                  | 7                   |

1. "Sample Type" is used to indicate whether the sample was a grab (G) or whether it was a composite (C).  
 2. "Sample Matrix" is used to indicate whether the sample is being discharged to drinking water (DW), groundwater (GW), surface water (SW), fresh surface water (FSW), saline surface water (SSW), soil, sediment (SDMNT), or sludge (SLDG).  
 3. "Container Type" is used to indicate whether the container is plastic (P) or glass (G).  
 4. Sample must be refrigerated or stored in wet ice after collection. The temperature during storage should be less than or equal to 6°C (42.8°F).  
 Under "Preservative," list any preservatives that were added to the sample container.

**Instructions:**

- Each bottle has a label identifying sample ID, premeasured preservative contained in the bottle, sample type, client ID, and parameters for analysis.
- The following information should be added to each bottle label after collection with permanent black ink: date and time of collection, sampler's name or initials, and any field number or ID.
- All bottles not containing preservative may be rinsed with appropriate sample prior to collection.
- The client is responsible for documentation of the sampling event. Please note special sampling events on the sample custody form.

Laboratory Sample Acceptability:

Temperature: 0.8°C

|   |                                                  |                        |                     |                                                                                                       |                        |                     |
|---|--------------------------------------------------|------------------------|---------------------|-------------------------------------------------------------------------------------------------------|------------------------|---------------------|
| 1 | Collected / Relinquished By:<br><u>J. ASHTON</u> | Date<br><u>7-14-20</u> | Time<br><u>1344</u> | Received By:<br> | Date<br><u>7-14-20</u> | Time<br><u>1344</u> |
|---|--------------------------------------------------|------------------------|---------------------|-------------------------------------------------------------------------------------------------------|------------------------|---------------------|

Benchmark EnviroAnalytical, Inc  
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PO# ~~B578C6~~ B77B80

**Client Information: FDEP**

Address: 13051 N. Telecom Parkway

Tampa FL 33604

Phone # 815-470-5772

Report to: [Judy.ashton@dep.state.fl.us](mailto:Judy.ashton@dep.state.fl.us), DEP-Overflomicro@dep.state

Invoice to: FDEP Micro Overflow

**Project Name:** RQ-2020- 07-13-05

Laboratory Submission #

20070735

| Sample Name                                            | Sample Type <sup>1</sup> / Sample Matrix <sup>2</sup> | Collection     |             | Container |          |                   | Preservative <sup>4</sup> | Parameters for Analysis | Laboratory Sample # |
|--------------------------------------------------------|-------------------------------------------------------|----------------|-------------|-----------|----------|-------------------|---------------------------|-------------------------|---------------------|
|                                                        |                                                       | Date           | Time        | Qty       | Capacity | Type <sup>3</sup> |                           |                         |                     |
| <u>G5SW0166</u><br><u>LONG BAYON BY HARBOUR LIGHTS</u> | SW                                                    | <u>7-14-20</u> | <u>1210</u> | <u>1</u>  | 120mL    | P                 | Plain (on Ice)            | <u>ENTERED</u>          | <u>8</u>            |
|                                                        | SW                                                    |                |             |           | 120mL    | P                 | Plain (on Ice)            |                         |                     |
|                                                        | SW                                                    |                |             |           | 120mL    | P                 | Plain (on Ice)            |                         |                     |
|                                                        | SW                                                    |                |             |           | 120mL    | P                 | Plain (on Ice)            |                         |                     |
|                                                        | SW                                                    |                |             |           | 120mL    | P                 | Plain (on Ice)            |                         |                     |
|                                                        | SW                                                    |                |             |           | 120mL    | P                 | Plain (on Ice)            |                         |                     |
|                                                        | SW                                                    |                |             |           | 120mL    | P                 | Plain (on Ice)            |                         |                     |

1 "Sample Type" is used to indicate whether the sample was a grab (G) or whether it was a composite (C).  
 2 "Sample Matrix" is used to indicate whether the sample is being discharged to drinking water (DW), groundwater (GW), surface water (SW), fresh surface water (FSW), saline surface water (SSW), soil, sediment (SDMNT), or sludge (SLDG).  
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 2. The following information should be added to each bottle label after collection with permanent black ink: date and time of collection, sampler's name or initials, and any field number or ID.  
 3. All bottles not containing preservative may be rinsed with appropriate sample prior to collection.  
 4. The client is responsible for documentation of the sampling event. Please note special sampling events on the sample custody form.

Laboratory Sample Acceptability:  
 Temperature: 6.8°C

|   |                              |      |      |                                                                                       |                |             |
|---|------------------------------|------|------|---------------------------------------------------------------------------------------|----------------|-------------|
| 1 | Collected / Relinquished By: | Date | Time | Received By:                                                                          | Date           | Time        |
|   |                              |      |      |  | <u>7-14-20</u> | <u>1344</u> |
| 2 | Relinquished By:             | Date | Time | Received By:                                                                          | Date           | Time        |
|   |                              |      |      |                                                                                       |                |             |