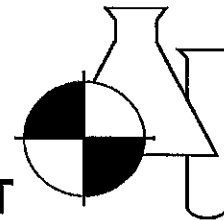


# BENCHMARK EA SOUTH



## ANALYTICAL TEST REPORT

THESE RESULTS MEET NELAC STANDARDS

NELAC Certification # E85086

Submission Number S 21050126

Florida Dept Of Env Protection  
2600 Blair Stone Rd  
Tallahassee, FL 32399

Project Name : RQ-2021-05-03-65  
Date Received : 05/05/2021  
Time Received : 1405

Submission: S 21050126

Sample Number: 001

Sample Description: G3SD0071

Sample Date: 05/05/2021

Sample Method: Grab

Sample Time: 1030

| Parameter   | Result | Units   | MDL | PQL | Procedure  | Preparation<br>Date Time | Analysis<br>Date Time | Analyst |
|-------------|--------|---------|-----|-----|------------|--------------------------|-----------------------|---------|
| ENTEROCOCCI | 41     | #/100ML | 10  | 10  | ENTEROLERT | 05/05/2021 14:44         | 05/06/2021 15:12      | LG      |

Submission: S 21050126

Sample Number: 002

Sample Description: G3SD0208

Sample Date: 05/05/2021

Sample Method: Grab

Sample Time: 1130

| Parameter   | Result | Units   | MDL | PQL | Procedure  | Preparation<br>Date Time | Analysis<br>Date Time | Analyst |
|-------------|--------|---------|-----|-----|------------|--------------------------|-----------------------|---------|
| ENTEROCOCCI | 228    | #/100ML | 10  | 10  | ENTEROLERT | 05/05/2021 14:44         | 05/06/2021 15:12      | LG      |

Submission: S 21050126

Sample Number: 003

Sample Description: G3SD0195

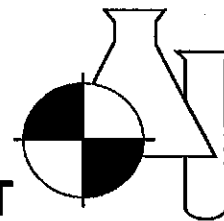
Sample Date: 05/05/2021

Sample Method: Grab

Sample Time: 1205

| Parameter   | Result   | Units   | MDL | PQL | Procedure  | Preparation<br>Date Time | Analysis<br>Date Time | Analyst |
|-------------|----------|---------|-----|-----|------------|--------------------------|-----------------------|---------|
| ENTEROCOCCI | 148 J3 C | #/100ML | 10  | 10  | ENTEROLERT | 05/05/2021 14:44         | 05/06/2021 15:12      | LG      |

# BENCHMARK EA SOUTH



## ANALYTICAL TEST REPORT

THESE RESULTS MEET NELAC STANDARDS

NELAC Certification # E85086

Submission: S 21050126

Sample Number: 004

Sample Description: G3SD0070

Sample Date: 05/05/2021

Sample Method: Grab

Sample Time: 1245

| Parameter   | Result | Units   | MDL | PQL | Procedure  | Preparation<br>Date Time | Analysis<br>Date Time | Analyst |
|-------------|--------|---------|-----|-----|------------|--------------------------|-----------------------|---------|
| ENTEROCOCCI | 10     | #/100ML | 10  | 10  | ENTEROLERT | 05/05/2021 14:44         | 05/06/2021 15:12      | LG      |

Submission: S 21050126

Sample Number: 005

Sample Description: G3SD0068

Sample Date: 05/05/2021

Sample Method: Grab

Sample Time: 1325

| Parameter   | Result | Units   | MDL | PQL | Procedure  | Preparation<br>Date Time | Analysis<br>Date Time | Analyst |
|-------------|--------|---------|-----|-----|------------|--------------------------|-----------------------|---------|
| ENTEROCOCCI | 75     | #/100ML | 10  | 10  | ENTEROLERT | 05/05/2021 14:44         | 05/06/2021 15:12      | LG      |

*Melinda Merchant*

05/10/2021

Dale D. Dixon / Laboratory Director

Date

Melinda Merchant / Laboratory Manager

### 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.

J0 = All Quanti-Tray wells were positive. Result may be higher than reported.

J1 = Est. value surrogate recovery limits exceeded.

J2 = Est. value. No quality control criteria exists for component.

J3 = Est. value quality control criteria for precision or accuracy not met.

J4 = Est. value. Sample matrix interference suspected.

J5 = Est. 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.

Q = Sample held beyond accepted hold time (15 minutes for pH).

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.

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 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.

I = Data deviate from historically established concentration ranges.

\* = Not reported due to interference.

### NOTES:

PQL = 4xMDL. Except for Micro PQL=MDL.

C = Sample result was 148 #/100mL and the duplicate result was 41 #/100mL which did not meet the laboratory precision criteria.

1 dilution (10 mL) on each Enterococci and E.coli sample and 3 dilutions (1 mL, 10 mL, & 100 mL) on each Fecal Coliform sample.

For questions and comments regarding these results, please contact Melinda Merchant at (941) 625-3137

These results relate only to the samples included in this report.

1001 Corporate Ave, Suite 102 North Port, FL 34289 Phone: (941) 625-3137 Fax: (941) 240-3071

**Benchmark EnviroAnalytical, Inc.**

1001 Corporate Ave. Suite 102  
North Port, FL 34289  
(941) 625-3137 / (941) 240-3071 fax

BEAS Sample Receipt Temp. 3.9 °C

Checked at Benchmark EA South E85086  
With Temperature Gun ID #7

Client Name: FDEP

Address: 2600 Blair Stone Rd.  
Tallahassee, FL, 32399

Phone: (239) 344-5719

Email: dep-overflowmicro@dep.state.fl.us

Bill to: Frances Moore

P.O. #: Lab B77880

Project Name: RQ-2020-<sup>NR</sup>

Project Run/Location: Myakka Cricks

Laboratory Submission #:

521050124

| Station ID | Surface Water Sample Matrix <sup>2</sup><br>(Fresh / Marine)<br>Sample Type | Enterococci<br>E.coli (SM9223B Quantitray)                  |        |                            |  | Laboratory Sample # |
|------------|-----------------------------------------------------------------------------|-------------------------------------------------------------|--------|----------------------------|--|---------------------|
|            |                                                                             | E.Coli = 250 mL ; Entero = 120 mL ; Fecal Coliform = 120 mL |        |                            |  |                     |
| G3SD0071   | F / M / Grab                                                                | E.coli / Entero                                             | F.coli | Date & Time: 05/05/21 1030 |  | 1                   |
| G3SD0208   | F / M / Grab                                                                | E.coli / Entero                                             | F.coli | Date & Time: 05/05/21 1130 |  | 2                   |
| G3SD0195   | F / M / Grab                                                                | E.coli / Entero                                             | F.coli | Date & Time: 05/05/21 1205 |  | 3                   |
| G3SD0070   | F / M / Grab                                                                | E.coli / Entero                                             | F.coli | Date & Time: 05/05/21 1245 |  | 4                   |
| G3SD0068   | F / M / Grab                                                                | E.coli / Entero                                             | F.coli | Date & Time: 05/05/21 1325 |  | 5                   |
|            | F / M / Grab                                                                | E.coli / Entero / F.coli                                    |        | Date & Time:               |  |                     |
|            | F / M / Grab                                                                | E.coli / Entero / F.coli                                    |        | Date & Time:               |  |                     |
|            | F / M / Grab                                                                | E.coli / Entero / F.coli                                    |        | Date & Time:               |  |                     |
|            | F / M / Grab                                                                | E.coli / Entero / F.coli                                    |        | Date & Time:               |  |                     |
|            | F / M / Grab                                                                | E.coli / Entero / F.coli                                    |        | Date & Time:               |  |                     |
|            | F / M / Grab                                                                | E.coli / Entero / F.coli                                    |        | Date & Time:               |  |                     |

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 maximum temperature during storage should be 6°C (42.8°F). Under "Preservative," list any preservatives that were added to the sample container.

**Instructions:**

1. Each bottle has a label identifying sample ID, premeasured preservative contained in the bottle, sample type, client ID, and parameters for analysis.

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 this sample custody form.

Laboratory Sample Acceptability:

pH < 2 : 0 BEAS Temperature: 3.9°C

|   |                               |                |            |                                 |              |            |
|---|-------------------------------|----------------|------------|---------------------------------|--------------|------------|
| 1 | Collector: <u>[Signature]</u> | Date: 05/05/21 | Time: 1405 | Received By: <u>[Signature]</u> | Date: 5/5/21 | Time: 1405 |
| 2 | Relinquished by:              | Date:          | Time:      | Received By:                    | Date:        | Time:      |
| 3 | Relinquished by:              | Date:          | Time:      | Received By:                    | Date:        | Time:      |
| 4 | Relinquished by:              | Date:          | Time:      | Received By:                    | Date:        | Time:      |
| 5 | Relinquished by:              | Date:          | Time:      | Received By:                    | Date:        | Time:      |