

## ANALYTICAL TEST REPORT

THESE RESULTS MEET NELAP STANDARDS



Submission Number : 22080004

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

Project Name : RQ-2022-07-18-25

Date Received : 08/01/2022

Time Received : 13:27

Erica Peck

Submission Number: 22080004  
Sample Number: 001  
Sample Description: G1SW0109

Sample Date: 08/01/2022  
Sample Time: 09:45  
Sample Method: Grab

| Parameter      | Result | Units    | MDL | PQL | Procedure  | Preparation Date/Time | Analysis Date/Time | Analyst |
|----------------|--------|----------|-----|-----|------------|-----------------------|--------------------|---------|
| ENTEROCOCCI    | 97     | #/100 ML | 10  | 10  | ENTEROLERT | 08/01/2022 14:00      | 08/02/2022 15:36   | DV      |
| FECAL COLIFORM | 1 U    | #/100 ML | 1   | 1   | SM9222D    | 08/01/2022 14:00      | 08/02/2022 15:36   | DV      |

Submission Number: 22080004  
Sample Number: 002  
Sample Description: G1SW0099

Sample Date: 08/01/2022  
Sample Time: 10:00  
Sample Method: Grab

| Parameter      | Result | Units    | MDL | PQL | Procedure  | Preparation Date/Time | Analysis Date/Time | Analyst |
|----------------|--------|----------|-----|-----|------------|-----------------------|--------------------|---------|
| ENTEROCOCCI    | 121    | #/100 ML | 10  | 10  | ENTEROLERT | 08/01/2022 14:00      | 08/02/2022 15:36   | DV      |
| FECAL COLIFORM | 1 U    | #/100 ML | 1   | 1   | SM9222D    | 08/01/2022 14:00      | 08/02/2022 15:36   | DV      |

Submission Number: 22080004  
Sample Number: 003  
Sample Description: G5SW0170

Sample Date: 08/01/2022  
Sample Time: 11:20  
Sample Method: Grab

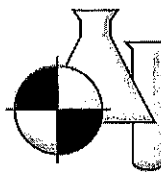
| Parameter   | Result | Units    | MDL | PQL | Procedure  | Preparation Date/Time | Analysis Date/Time | Analyst |
|-------------|--------|----------|-----|-----|------------|-----------------------|--------------------|---------|
| ENTEROCOCCI | 1187   | #/100 ML | 10  | 10  | ENTEROLERT | 08/01/2022 14:00      | 08/02/2022 15:36   | DV      |

Submission Number: 22080004  
Sample Number: 004  
Sample Description: G5SW0169

Sample Date: 08/01/2022  
Sample Time: 11:35  
Sample Method: Grab

| Parameter   | Result | Units    | MDL | PQL | Procedure  | Preparation Date/Time | Analysis Date/Time | Analyst |
|-------------|--------|----------|-----|-----|------------|-----------------------|--------------------|---------|
| ENTEROCOCCI | 359    | #/100 ML | 10  | 10  | ENTEROLERT | 08/01/2022 14:00      | 08/02/2022 15:36   | DV      |

# BENCHMARK



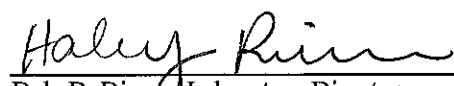
EnviroAnalytical, Inc.

NELAP Certification #E84167

Submission Number: 22080004  
Sample Number: 005  
Sample Description: G6SW0134

Sample Date: 08/01/2022  
Sample Time: 10:45  
Sample Method: Grab

| Parameter   | Result | Units    | MDL | PQL | Procedure  | Preparation Date/Time | Analysis Date/Time | Analyst |
|-------------|--------|----------|-----|-----|------------|-----------------------|--------------------|---------|
| ENTEROCOCCI | 74     | #/100 ML | 10  | 10  | ENTEROLERT | 08/01/2022 14:00      | 08/02/2022 15:36   | DV      |

  
Dale D. Dixon / Laboratory Director  
Tülay Tanrisever / Haley Richardson - QC Officers

09/08/2022  
Date

## 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.

## 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.

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.

## COMMENTS:

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

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

Results relate only to the samples.

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

**Client Information: FDEP**

Address: 13051 N. Telecom Parkway

Tampa FL 33604

Phone # 813-470-5878

Report to: benjamin.paswater@dep.state.fl.us  
DEP-Overflomicro@dep.state.fl.us

Invoice to: FDEP Micro Overflow

Project Name: ~~RQ-2021~~ BQ-2022-07-18-25

Laboratory Submission #

27080004

| Sample Name | Sample Type / Sample Matrix | Collection |      | Container |          |      | Preservative   | Parameters for Analysis | Laboratory Sample # |
|-------------|-----------------------------|------------|------|-----------|----------|------|----------------|-------------------------|---------------------|
|             |                             | Date       | Time | Qty       | Capacity | Type |                |                         |                     |
| G1SW0109    | SW                          | 8/1/22     | 945  | 2         | 250mL    | P    | Plain (on Ice) | Enteroc and Fecal Col.  | 1                   |
| G1SW0099    | SW                          |            | 1000 | 2         | 250mL    | P    | Plain (on Ice) | Enteroc and Fecal Col.  | 2                   |
| G5SW0170    | SW                          |            | 1120 | 1         | 250mL    | P    | Plain (on Ice) | Enteroc                 | 3                   |
| G5SW0169    | SW                          |            | 1135 | 1         | 250mL    | P    | Plain (on Ice) | Enteroc                 | 4                   |
| G5SW0134    | SW                          |            | 1045 | 1         | 250mL    | P    | Plain (on Ice) | Enteroc                 | 5                   |
|             | SW                          |            |      |           | 250mL    | P    | Plain (on Ice) |                         |                     |
|             | SW                          |            |      |           | 250mL    | P    | Plain (on Ice) |                         |                     |

"Sample Type" is used to indicate whether the sample was a grab (G) or whether it was a composite (C).  
"Sample Matrix" is used to indicate whether the sample is being analyzed for drinking water (DW), recreational water (RW), surface water (SW), or other water (OW).  
"Container Type" is used to indicate whether the container is plastic (P) or glass (G).  
Sample must be refrigerated or stored in wet ice after collection. The temperature during storage should be less than or equal to 4°C (40°F).  
Under "Preservative," list any preservative that was added to the sample container.

Laboratory Sample Acceptability

Temperature: 0.6°C

Instructions:  
1. Each bottle has a label identifying sample ID, preservation procedure, collection date, sample type, date, time, 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, sample's name or initials, and any field number or ID.  
3. All bottles are containing preservative may be rinsed with appropriate sample prior to collection.  
4. The client is responsible for documentation of the sampling event. Please use special sampling events on the sample labels.

|   |                                                 |                     |               |                                                           |                     |                   |
|---|-------------------------------------------------|---------------------|---------------|-----------------------------------------------------------|---------------------|-------------------|
| 1 | Collected / Relinquished By: <u>[Signature]</u> | Date: <u>8/1/22</u> | Time: <u></u> | Received By: <u>[Signature]</u> <u>Nathan Haddell BSA</u> | Date: <u>8-1-22</u> | Time: <u>1327</u> |
| 2 | Relinquished By:                                | Date:               | Time:         | Received By:                                              | Date:               | Time:             |