

## ANALYTICAL TEST REPORT

THESE RESULTS MEET NELAP STANDARDS

**Submission Number :** 23090191

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

**Project Name :** RQ-2023-09-04-60  
**Date Received :** 09/06/2023  
**Time Received :** 14:40

Erica Peck

**Submission Number:** 23090191  
**Sample Number:** 001  
**Sample Description:** G4SW0104

**Sample Date:** 09/06/2023  
**Sample Time:** 11:20  
**Sample Method:** Grab

| Parameter                   | Result | Units    | MDL | PQL | Procedure | Preparation Date/Time | Analysis Date/Time | Analyst |
|-----------------------------|--------|----------|-----|-----|-----------|-----------------------|--------------------|---------|
| E- COLI BY IDEXX QUANTITRAY | 41     | #/100 ML | 10  | 10  | SM9223B   | 09/06/2023 16:46      | 09/07/2023 17:20   | MS/SM   |

**Submission Number:** 23090191  
**Sample Number:** 002  
**Sample Description:** G3SW0121

**Sample Date:** 09/06/2023  
**Sample Time:** 11:50  
**Sample Method:** Grab

| Parameter                   | Result | Units    | MDL | PQL | Procedure | Preparation Date/Time | Analysis Date/Time | Analyst |
|-----------------------------|--------|----------|-----|-----|-----------|-----------------------|--------------------|---------|
| E- COLI BY IDEXX QUANTITRAY | 1725   | #/100 ML | 10  | 10  | SM9223B   | 09/06/2023 16:46      | 09/07/2023 17:20   | MS/SM   |

**Submission Number:** 23090191  
**Sample Number:** 003  
**Sample Description:** G3SW0084

**Sample Date:** 09/06/2023  
**Sample Time:** 12:35  
**Sample Method:** Grab

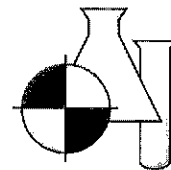
| Parameter                   | Result | Units    | MDL | PQL | Procedure | Preparation Date/Time | Analysis Date/Time | Analyst |
|-----------------------------|--------|----------|-----|-----|-----------|-----------------------|--------------------|---------|
| E- COLI BY IDEXX QUANTITRAY | 203    | #/100 ML | 10  | 10  | SM9223B   | 09/06/2023 16:46      | 09/07/2023 17:20   | MS/SM   |

**Submission Number:** 23090191  
**Sample Number:** 004  
**Sample Description:** G3SW0118

**Sample Date:** 09/06/2023  
**Sample Time:** 13:05  
**Sample Method:** Grab

| Parameter                   | Result | Units    | MDL | PQL | Procedure | Preparation Date/Time | Analysis Date/Time | Analyst |
|-----------------------------|--------|----------|-----|-----|-----------|-----------------------|--------------------|---------|
| E- COLI BY IDEXX QUANTITRAY | 50     | #/100 ML | 10  | 10  | SM9223B   | 09/06/2023 16:46      | 09/07/2023 17:20   | MS/SM   |

# BENCHMARK



EnviroAnalytical, Inc.

NELAP Certification #E84167

Submission Number: 23090191  
Sample Number: 005  
Sample Description: G3SW0012

Sample Date: 09/06/2023  
Sample Time: 13:45  
Sample Method: Grab

| Parameter                  | Result | Units    | MDL | PQL | Procedure | Preparation Date/Time | Analysis Date/Time | Analyst |
|----------------------------|--------|----------|-----|-----|-----------|-----------------------|--------------------|---------|
| E- COLI BY IDXX QUANTITRAY | 171    | #/100 ML | 10  | 10  | SM9223B   | 09/06/2023 16:46      | 09/07/2023 17:20   | MS/SM   |

*Haley Rin*

09/19/2023

Dale D. Dixon / Laboratory Director

Date

Kathleen Gauthier / Haley Richardson - QC Officers

## 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.  
I = 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 (10 mL) dilution on each E.Coli sample

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# C1EFCB

**Client Information: FDEP**

Address: 13051 N. Telecom Parkway

Tampa FL 33604

Phone # 815-470-5878

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

Invoice to: FDEP Micro Overflow

Project Name: RQ-2023- 09.04.60

Laboratory Submission # 23090191

| 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> |                           |                         |                     |
| G4SW0104    | SW                                                    | 6SEP23     | 1120 |           | 250mL    | P                 | Plain (on Ice)            | E. coli                 | 1                   |
| G3SW0121    | SW                                                    | 6SEP23     | 1150 |           | 250mL    | P                 | Plain (on Ice)            | E. coli                 | 2                   |
| G3SW0084    | SW                                                    | 6SEP23     | 1235 |           | 250mL    | P                 | Plain (on Ice)            | E. coli                 | 3                   |
| G3SW0118    | SW                                                    | 6SEP23     | 1305 |           | 250mL    | P                 | Plain (on Ice)            | E. coli                 | 4                   |
| G3SW0012    | SW                                                    | 9/6/23     | 1345 |           | 250mL    | P                 | Plain (on Ice)            | E. coli                 | 5                   |
|             | SW                                                    |            |      |           | 250mL    | P                 | Plain (on Ice)            |                         |                     |
|             | SW                                                    |            |      |           | 250mL    | 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).  
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:  
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 the sample custody form.

Laboratory Sample Acceptability:

Temperature: 0.7°C

|   |                                             |                     |                   |                                 |                     |                   |
|---|---------------------------------------------|---------------------|-------------------|---------------------------------|---------------------|-------------------|
| 1 | Collected / Relinquished By: <u>KTURMAN</u> | Date: <u>6SEP23</u> | Time: <u>1440</u> | Received By: <u>[Signature]</u> | Date: <u>9-6-23</u> | Time: <u>1440</u> |
| 2 | Relinquished By:                            | Date:               | Time:             | Received By:                    | Date:               | Time:             |

Re 2012