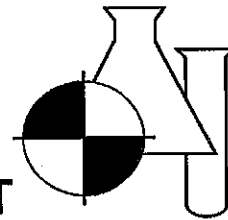


BENCHMARK EA SOUTH



ANALYTICAL TEST REPORT

THESE RESULTS MEET NELAC STANDARDS

NELAC Certification # E85086

Submission Number : S 21030394

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

Project Name : RQ-2021-03-08-24
Date Received : 03/11/2021
Time Received : 1638

Submission: S 21030394

Sample Number: 001 Sample Description: G4SD0195
Sample Date: 03/11/2021 Sample Method: Grab
Sample Time: 1025

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date	Time	Analysis Date	Time	Analyst
E- COLI BY IDEXX QUANTITRAY	10 U	#/100ML	10	10	SM9223B	03/11/2021	17:00	03/12/2021	17:10	LG

Submission: S 21030394

Sample Number: 002 Sample Description: G4SD0196
Sample Date: 03/11/2021 Sample Method: Grab
Sample Time: 1120

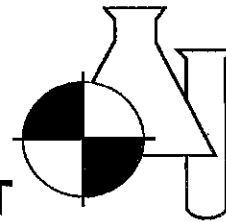
Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date	Time	Analysis Date	Time	Analyst
E- COLI BY IDEXX QUANTITRAY	41	#/100ML	10	10	SM9223B	03/11/2021	17:00	03/12/2021	17:10	LG

Submission: S 21030394

Sample Number: 003 Sample Description: G4SD0172
Sample Date: 03/11/2021 Sample Method: Grab
Sample Time: 1220

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date	Time	Analysis Date	Time	Analyst
E- COLI BY IDEXX QUANTITRAY	563	#/100ML	10	10	SM9223B	03/11/2021	17:00	03/12/2021	17:10	LG

BENCHMARK EA SOUTH



ANALYTICAL TEST REPORT

THESE RESULTS MEET NELAC STANDARDS

NELAC Certification # E85086

Submission: S 21030394

Sample Number: 004

Sample Description: G4SD0210

Sample Date: 03/11/2021

Sample Method: Grab

Sample Time: 1345

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date	Time	Analysis Date	Time	Analyst
E- COLI BY IDEXX QUANTITRAY	63	#/100ML	10	10	SM9223B	03/11/2021	17:00	03/12/2021	17:10	LG

Submission: S 21030394

Sample Number: 005

Sample Description: G4SD0197

Sample Date: 03/11/2021

Sample Method: Grab

Sample Time: 1400

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date	Time	Analysis Date	Time	Analyst
E- COLI BY IDEXX QUANTITRAY	63	#/100ML	10	10	SM9223B	03/11/2021	17:00	03/12/2021	17:10	LG

Melinda Merchant

03/16/2021

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.

! = Data deviate from historically established concentration ranges.

* = Not reported due to interference.

NOTES:

PQL = 4xMDL. Except for Micro PQL=MDL

X = Value exceed MCL.

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

Client Name: FDEP

Address: 2600 Blair Stone Rd.
Tallahassee, FL, 32399
Phone: (850) 245-8085

Bill to: Frances Moore
P.O. #: Lab B16970

BEAS Sample Receipt Temp. 1.6 °C

Phone:

Email:

dep-overflowmicro@dep.state.fl.us

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

Project Name: RQ-2020-03-08-24

Project Run/Location: Way Up There

Laboratory Submission #:

521030394

Project Run/Location	Station ID	Surface Water Sample Matrix ² (Fresh / Marine) Sample Type	Enterococci E.coli (SM9223B Quantitray)				Laboratory Sample #
			E.Coli = 250 mL ; Entero = 120 mL ; Fecal Coliform = 120 mL				
G4SD0195	F / M / Grab	E.coli	Entero	F.coli	Date & Time: 03/11/21	1025	1
G4SD0196	F / M / Grab	E.coli	Entero	F.coli	Date & Time: 03/11/21	1120	2
G4SD0172	F / M / Grab	E.coli	Entero	F.coli	Date & Time: 03/11/21	1220	3
G4SD0210	F / M / Grab	E.coli	Entero	F.coli	Date & Time: 03/11/21	1345	4
G4SD0197	F / M / Grab	E.coli	Entero	F.coli	Date & Time: 03/11/21	1400	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 4°C (37.8°F). Under "Preservative," list any preservatives that were added to the sample container.

Instructions:

1. Each bottle has a label identifying sample ID, preservative, container 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:

pH < 2 : 0 BEAS Temperature: 1.6°C

1	Collector: <u>J. Seankuntal</u>	Date: <u>03/11/21</u>	Time: <u>1038</u>	Received By: <u>[Signature]</u>	Date: <u>3/11/21</u>	Time: <u>1038</u>
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: