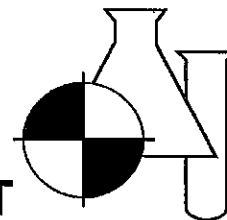


BENCHMARK EA SOUTH



ANALYTICAL TEST REPORT

THESE RESULTS MEET NELAC STANDARDS

NELAC Certification # E85086

Submission Number : S 21020355

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

Project Name : RQ-2021-01-25-52
Date Received : 02/15/2021
Time Received : 1700

Submission: S 21020355

Sample Number: 001 Sample Description: G4SD0209
Sample Date: 02/15/2021 Sample Method: Grab
Sample Time: 1010

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date	Time	Analysis Date	Time	Analyst
E- COLI BY IDEXX QUANTITRAY	171	#/100ML	10	10	SM9223B	02/15/2021	17:19	02/16/2021	17:29	MM

Submission: S 21020355

Sample Number: 002 Sample Description: G4SD0203
Sample Date: 02/15/2021 Sample Method: Grab
Sample Time: 1235

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date	Time	Analysis Date	Time	Analyst
E- COLI BY IDEXX QUANTITRAY	246	#/100ML	10	10	SM9223B	02/15/2021	17:19	02/16/2021	17:29	MM

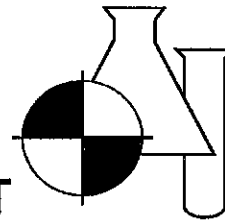
Submission: S 21020355

Sample Number: 003 Sample Description: G4SD0181
Sample Date: 02/15/2021 Sample Method: Grab
Sample Time: 1220

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date	Time	Analysis Date	Time	Analyst
E- COLI BY IDEXX QUANTITRAY	73	#/100ML	10	10	SM9223B	02/15/2021	17:19	02/16/2021	17:29	MM

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

BENCHMARK EA SOUTH



ANALYTICAL TEST REPORT

THESE RESULTS MEET NELAC STANDARDS

NELAC Certification # E85086

Submission: S 21020355

Sample Number: 004

Sample Description: G4SD0202

Sample Date: 02/15/2021

Sample Method: Grab

Sample Time: 1150

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date Time	Analysis Date Time	Analyst
E- COLI BY IDEXX QUANTITRAY	63	#/100ML	10	10	SM9223B	02/15/2021 17:19	02/16/2021 17:29	MM

Submission: S 21020355

Sample Number: 005

Sample Description: G4SD0208

Sample Date: 02/15/2021

Sample Method: Grab

Sample Time: 1330

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date Time	Analysis Date Time	Analyst
E- COLI BY IDEXX QUANTITRAY	364	#/100ML	10	10	SM9223B	02/15/2021 17:19	02/16/2021 17:29	MM

Submission: S 21020355

Sample Number: 006

Sample Description: G4SD0207

Sample Date: 02/15/2021

Sample Method: Grab

Sample Time: 1350

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date Time	Analysis Date Time	Analyst
E- COLI BY IDEXX QUANTITRAY	839	#/100ML	10	10	SM9223B	02/15/2021 17:19	02/16/2021 17:29	MM

Submission: S 21020355

Sample Number: 007

Sample Description: G4SD0204

Sample Date: 02/15/2021

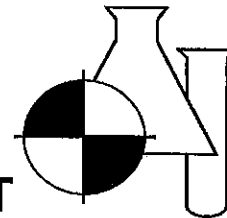
Sample Method: Grab

Sample Time: 1500

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date Time	Analysis Date Time	Analyst
E- COLI BY IDEXX QUANTITRAY	86	#/100ML	10	10	SM9223B	02/15/2021 17:19	02/16/2021 17:29	MM

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BENCHMARK EA SOUTH



ANALYTICAL TEST REPORT THESE RESULTS MEET NELAC STANDARDS

NELAC Certification # E85086

Melinda Merchant

02/18/2021

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.

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

BEAS Sample Receipt Temp. 3.1 °C
Checked at Benchmark EA South E85086
With Temperature Gun ID #7

Client Name: FDEP
Address: 2600 Blair Stone Rd.
Tallahassee, FL, 32399
Phone: (850) 245-8085
Email: dep-overflowmicro@dep.state.fl.us

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

Project Name: RQ-~~2020~~ 2021-01-25-52
Project Run/Location: SMP - Highlands Cricks

Laboratory Submission #: S21020355

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			
0	G4SD0209	F / M / Grab	E.coli / Entero / F.coli	Date & Time:	2/15/21 10:10	1
	G4SD0203	F / M / Grab	E.coli / Entero / F.coli	Date & Time:	2/15/21 12:35	2
	G4SD0181	F / M / Grab	E.coli / Entero / F.coli	Date & Time:	2/15/21 12:20	3
	G4SD0202	F / M / Grab	E.coli / Entero / F.coli	Date & Time:	2/15/21 12:35 11:50	4
	G4SD0208	F / M / Grab	E.coli / Entero / F.coli	Date & Time:	2/15/21 13:30	5
	G4SD0207	F / M / Grab	E.coli / Entero / F.coli	Date & Time:	2/15/21 13:50	6
	G4SD0204	F / M / Grab	E.coli / Entero / F.coli	Date & Time:	2/15/21 15:00	7
		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 (SDA/NT), 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 "Preservatives," list any preservatives that were added to the sample container.

¹ Each bottle has a label identifying sample ID, 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 use special sampling events on this sample custody form.

Laboratory Sample Acceptability:

pH < 2.0 BEAS Temperature: 3.1 °C

1	Collector: <u>Kirby No He</u>	Date: <u>2/15/21</u>	Time:	Received By:	Date:	Time:
2	Relinquished by: <u>[Signature]</u>	Date: <u>2/15/21</u>	Time: <u>1700</u>	Received By: <u>Melinda Merchant</u>	Date: <u>2/15/21</u>	Time: <u>1700</u>
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:

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