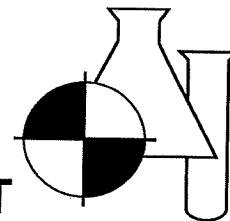


BENCHMARK EA SOUTH



NELAC Certification # E85086

ANALYTICAL TEST REPORT

THESE RESULTS MEET NELAC STANDARDS

Submission Number : S 20070183

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

Project Name : RQ-2020-07-06-51
Date Received : 07/08/2020
Time Received : 1406

Submission: S 20070183

Sample Number: 001
Sample Date: 07/08/2020
Sample Time: 1110
Sample Description: G4SD0181
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date	Preparation Time	Analysis Date	Analysis Time	Analyst
E- COLI BY IDEXX QUANTITRAY	52	#/100ML	10	10	SM9223B	07/08/2020	15:00	07/09/2020	15:33	MM

Submission: S 20070183

Sample Number: 002
Sample Date: 07/08/2020
Sample Time: 1125
Sample Description: G4SD0189
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date	Preparation Time	Analysis Date	Analysis Time	Analyst
E- COLI BY IDEXX QUANTITRAY	74	#/100ML	10	10	SM9223B	07/08/2020	15:00	07/09/2020	15:33	MM

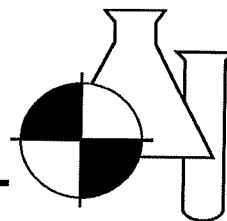
Submission: S 20070183

Sample Number: 003
Sample Date: 07/08/2020
Sample Time: 1010
Sample Description: G4SD0182
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date	Preparation Time	Analysis Date	Analysis Time	Analyst
E- COLI BY IDEXX QUANTITRAY	20	#/100ML	10	10	SM9223B	07/08/2020	15:00	07/09/2020	15:33	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 20070183

Sample Number: 004

Sample Description: G4SD0184

Sample Date: 07/08/2020

Sample Method: Grab

Sample Time: 0930

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date Time	Analysis Date Time	Analyst
E- COLI BY IDEXX QUANTITRAY	96	#/100ML	10	10	SM9223B	07/08/2020 15:00	07/09/2020 15:33	MM

Melinda Merchant

07/13/2020

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

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 ~~B10070~~

B 77880

Project Name: RQ-2020-07-06-5)

Project Run/Location:

Laboratory Submission #:

520070183

Page 3 of 3

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				520070183
G4SD0181	F / M / Grab	E.coli / Entero / F.coli	Date & Time:	7/8/20 11:10	1	
G4SD 0189	F / M / Grab	E.coli / Entero / F.coli	Date & Time:	7/8/20 11:25	2	
G4SD 0182	F / M / Grab	E.coli / Entero / F.coli	Date & Time:	7/8/20 1010	3	
G4SD 0184	F / M / Grab	E.coli / Entero / F.coli	Date & Time:	7/8/20 930	4	
	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:			
	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: 4.6°C

1	Collector: Kirby M. Ite	Date: 7/8/20	Time: 1406	Received By: [Signature]	Date: 7/8/20	Time: 1406
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: