BENCHMARK EA SOUTH

ANALYTICAL TEST REPORT

NELAC Certification # E85086

THESE RESULTS MEET NELAC STANDARDS

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

Submission Number : S 20070671

Project Name : RQ-2020-07-27-40
Date Received : 07/28/2020
Time Received : 1234

Submission: S 20070671

Sample Number: 001
Sample Date: 07/28/2020
Sample Time: 0925
Sample Description: G3SD0120
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date	Preparation Time	Analysis Date	Analysis Time	Analyst
E- COLI BY IDEXX QUANTITRAY	10	#/100ML	10	10	SM9223B	07/28/2020	13:17	07/29/2020	13:47	MM

Submission: S 20070671

Sample Number: 002
Sample Date: 07/28/2020
Sample Time: 1010
Sample Description: G3SD0076
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date	Preparation Time	Analysis Date	Analysis Time	Analyst
ENTEROCOCCI	158	#/100ML	10	10	ENTEROLERT	07/28/2020	13:23	07/29/2020	14:16	LG

Submission: S 20070671

Sample Number: 003
Sample Date: 07/28/2020
Sample Time: 1055
Sample Description: G3SD0168
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date	Preparation Time	Analysis Date	Analysis Time	Analyst
E- COLI BY IDEXX QUANTITRAY	134	#/100ML	10	10	SM9223B	07/28/2020	13:17	07/29/2020	13:47	MM

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Submission: S 20070671

Sample Number: 004
Sample Description: G3SD0161
Sample Date: 07/28/2020
Sample Method: Grab
Sample Time: 1130

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date	Preparation Time	Analysis Date	Analysis Time	Analyst
ENTEROCOCCI	122	#/100ML	10	10	ENTEROLERT	07/28/2020	13:23	07/29/2020	14:16	LG

Submission: S 20070671

Sample Number: 005
Sample Description: G3SD0068
Sample Date: 07/28/2020
Sample Method: Grab
Sample Time: 1150

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date	Preparation Time	Analysis Date	Analysis Time	Analyst
ENTEROCOCCI	231	#/100ML	10	10	ENTEROLERT	07/28/2020	13:23	07/29/2020	14:16	LG

Melinda Merchant 07/31/2020

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.
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North Port, FL 34289
(941) 625-3137 / (941) 240-3071 fax

Client Name: FDEP
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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- 07-27-40
Project Run/Location: Charlotte

Laboratory Submission #: S20070671

Station ID	Surface Water Sample Matrix[2] (Fresh / Marine) Sample Type	Enterococci E.coli (SM9223B Quantitray) E.Coli = 250 mL ; Entero = 120 mL ; Fecal Coliform = 120 mL	Laboratory Sample #
G35D0120	(F) / M / (Grab)	(E.coli) / Entero / F.coli Date & Time: 7/28/20 0925	1
G35D0076	F / (M) / (Grab)	E.coli / (Entero) / F.coli Date & Time: 7/28/20 1010	2
G35D0168	(F) / M / (Grab)	(E.coli) / Entero / F.coli Date & Time: 7/28/20 1055	3
G35D0161	F / (M) / (Grab)	E.coli / (Entero) / F.coli Date & Time: 7/28/20 1130	4
G35D0068	F / (M) / (Grab)	E.coli / (Entero) / F.coli Date & Time: 7/28/20 1150	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 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:
pH <2 : ☐ BEAS Temperature: 5,7°C

1	Collector: Gary Smorek	Date: 07/27/20	Time: 1234	Received By: Melinda Muchemt	Date: 7/28/20	Time: 1234
2	Relinquished by:	Date: mm 7/28/20	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: