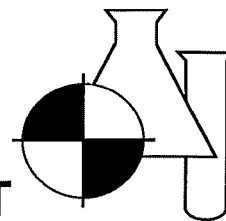


BENCHMARK EA SOUTH



ANALYTICAL TEST REPORT

THESE RESULTS MEET NELAC STANDARDS

NELAC Certification # E85086

Submission Number : S 20020335

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

Project Name : RQ-2020-02-10-54
Date Received : 02/13/2020
Time Received : 1411

Submission: S 20020335

Sample Number: 001
Sample Date: 02/13/2020
Sample Time: 0950
Sample Description: G3SD0072
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation		Analysis		Analyst
						Date	Time	Date	Time	
ENTEROCOCCI	20	#/100ML	10	10	ENTEROLERT	02/13/2020	15:20	02/14/2020	15:59	MM
FECAL COLIFORM	42	#/100 ML	1	1	SM9222D	02/13/2020	14:59	02/14/2020	15:17	MM

Submission: S 20020335

Sample Number: 002
Sample Date: 02/13/2020
Sample Time: 1010
Sample Description: G3SD0073
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation		Analysis		Analyst
						Date	Time	Date	Time	
ENTEROCOCCI	10	#/100ML	10	10	ENTEROLERT	02/13/2020	15:20	02/14/2020	15:59	MM
FECAL COLIFORM	4	#/100 ML	1	1	SM9222D	02/13/2020	14:59	02/14/2020	15:17	MM

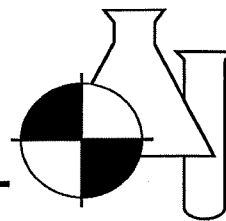
Submission: S 20020335

Sample Number: 003
Sample Date: 02/13/2020
Sample Time: 1140
Sample Description: G2SD0029
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation		Analysis		Analyst
						Date	Time	Date	Time	
ENTEROCOCCI	10 U	#/100ML	10	10	ENTEROLERT	02/13/2020	15:20	02/14/2020	15:59	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

FECAL COLIFORM 1 U #/100 ML 1 1 SM9222D 02/13/2020 14:59 02/14/2020 15:17 MM

Submission: S 20020335

Sample Number: 004

Sample Description: G3SD0039

Sample Date: 02/13/2020

Sample Method: Grab

Sample Time: 1235

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date Time	Analysis Date Time	Analyst
ENTEROCOCCI	10 U	#/100ML	10	10	ENTEROLERT	02/13/2020 15:20	02/14/2020 15:59	MM
FECAL COLIFORM	13	#/100 ML	1	1	SM9222D	02/13/2020 14:59	02/14/2020 15:17	MM

Melinda Merchant

02/17/2020

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 B16970****Project Name: RQ-2020-02-10-54****Project Run/Location: Charlotte Harbor****Laboratory Submission #:****520020335**

Project Run/Location: <u>Chesapeake Bay</u>	Station ID	Surface Water Sample Matrix ² (Fresh / Marine) Sample Type	Enterococci E.coli (SM9223B Quantitray) <u>Fecal Coliform (SM9223D)</u>		Laboratory Sample #
			E.Coli = 250 mL ; Entero = 120 mL ; Fecal Coliform = 120 mL		
	G3SD0072	F / (M) / Grab	E.coli / Entero / F.coli	Date & Time: 02/13/20 0950	1
	G38D0073	F / (M) / Grab	E.coli / Entero / F.coli	Date & Time: 02/13/20 1010	2
	G2SD0029	F / (M) / Grab	E.coli / Entero / F.coli	Date & Time: 02/13/20 1140	3
	G3SD0039	F / (M) / Grab	E.coli / Entero / F.coli	Date & Time: 02/13/20 1235	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, 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.

1	Collector: <i>John Reistad</i>	Date: 02/13/20	Time: 1411	Received By: <i>Melinda Merchant</i>	Date: 2/13/20	Time: 1411
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:

Laboratory Sample Acceptability:

pH < 2 : 0 BEAS Temperature: 3.7°C

Page 3 of 3