

ANALYTICAL TEST REPORT

THESE RESULTS MEET NELAC STANDARDS

Submission Number : S22050083

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

Project Name : RQ-2022-05-02-67
Date Received : 05/04/2022
Time Received : 12:14

Submission Number: 22050083
Sample Number: 001a
Sample Description: G3SD0073

Sample Date: 05/04/2022
Sample Time: 09:25
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
ENTEROCOCCI	10 U	#/100 ML	10	10	ENTEROLERT	05/04/2022 14:20	05/05/2022 15:50	MM

Submission Number: 22050083
Sample Number: 001b
Sample Description: G3SD0073

Sample Date: 05/04/2022
Sample Time: 09:25
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
FECAL COLIFORM	2	#/100 ML	1	1	SM9222D	05/04/2022 15:26	05/05/2022 15:55	MM

Submission Number: 22050083
Sample Number: 002a
Sample Description: G3SD0217

Sample Date: 05/04/2022
Sample Time: 09:45
Sample Method: Grab

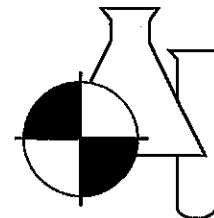
Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
ENTEROCOCCI	86	#/100 ML	10	10	ENTEROLERT	05/04/2022 14:20	05/05/2022 15:50	MM

Submission Number: 22050083
Sample Number: 002b
Sample Description: G3SD0217

Sample Date: 05/04/2022
Sample Time: 09:45
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
FECAL COLIFORM	69	#/100 ML	1	1	SM9222D	05/04/2022 15:26	05/05/2022 15:55	MM

BENCHMARK EA SOUTH



NELAC Certification #E85086

Submission Number: 22050083
Sample Number: 003a
Sample Description: G3SD0218

Sample Date: 05/04/2022
Sample Time: 09:55
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
ENTEROCOCCI	144	#/100 ML	10	10	ENTEROLERT	05/04/2022 14:20	05/05/2022 15:50	MM

Submission Number: 22050083
Sample Number: 003b
Sample Description: G3SD0218

Sample Date: 05/04/2022
Sample Time: 09:55
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
FECAL COLIFORM	78	#/100 ML	1	1	SM9222D	05/04/2022 15:26	05/05/2022 15:55	MM

Submission Number: 22050083
Sample Number: 004a
Sample Description: G3SD0219

Sample Date: 05/04/2022
Sample Time: 10:30
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
ENTEROCOCCI	63	#/100 ML	10	10	ENTEROLERT	05/04/2022 14:20	05/05/2022 15:50	MM

Submission Number: 22050083
Sample Number: 004b
Sample Description: G3SD0219

Sample Date: 05/04/2022
Sample Time: 10:30
Sample Method: Grab

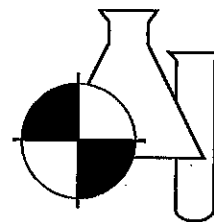
Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
FECAL COLIFORM	46	#/100 ML	1	1	SM9222D	05/04/2022 15:26	05/05/2022 15:55	MM

Submission Number: 22050083
Sample Number: 005a
Sample Description: G3SD0220

Sample Date: 05/04/2022
Sample Time: 10:45
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
ENTEROCOCCI	20	#/100 ML	10	10	ENTEROLERT	05/04/2022 14:20	05/05/2022 15:50	MM

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Submission Number: 22050083
Sample Number: 005b
Sample Description: G3SD0220

Sample Date: 05/04/2022
Sample Time: 10:45
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
FECAL COLIFORM	34	#/100 ML	1	1	SM9222D	05/04/2022 15:26	05/05/2022 15:55	MM

Submission Number: 22050083
Sample Number: 006a
Sample Description: G3SD0072

Sample Date: 05/04/2022
Sample Time: 11:10
Sample Method: Grab

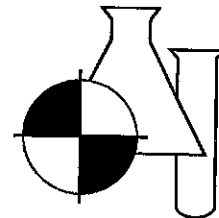
Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
ENTEROCOCCI	41	#/100 ML	10	10	ENTEROLERT	05/04/2022 14:20	05/05/2022 15:50	MM

Submission Number: 22050083
Sample Number: 006b
Sample Description: G3SD0072

Sample Date: 05/04/2022
Sample Time: 11:10
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
FECAL COLIFORM	16	#/100 ML	1	1	SM9222D	05/04/2022 15:26	05/05/2022 15:55	MM

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NELAC Certification #E85086

Melinda Merchant

Dale D. Dixon / Laboratory Director

Melinda Merchant / Laboratory Manager

05/10/2022

Date

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.

J1 = Estimated value. Surrogate recovery limits exceeded.

J2 = Estimated value. No quality control criteria exists for component.

J3 = Estimated value. Quality control criteria for precision or accuracy not met.

J4 = Estimated value. Sample matrix interference suspected.

J5 = Estimated 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.

O = Sampled, but analysis lost or not performed.

Q = Sample held beyond accepted hold time.

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. Results for this analyte in associated samples may be biased high. Standard, Duplicate and Spike values are within control limits. Reported data are usable.

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.

I = Data deviate from historically established concentration ranges.

? = 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.

* = Not reported due to interference.

NOTES:

J0 = All Quanti-tray wells were positive. Result may be higher than reported.

PQL = 4xMDL.

ND = Not detected at or above the adjusted reporting limit.

X = Value exceeds 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.

COMMENTS:

For questions or comments regarding these results, please contact us at (941) 625-3137.

Results relate only to the samples.

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

BEAS Sample Receipt Temp. 4.2 °C

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

Client Name: FDEP

Address: 2600 Blair Stone Rd.
Tallahassee, FL, 32399

Phone: (239) 344-5719

Email: dep-overflowmicro@dep.state.fl.us

Bill to: Frances Moore
P.O. #: Lab B95341

Project Name: RQ-~~2021~~²⁰²²-05-02-67
Project Run/Location: Charlotte Harbor SUP

Laboratory Submission #:

S22050083

Station ID	Surface Water Sample Matrix ²	Enterococci				Laboratory Sample #
	(Fresh / Marine)	E.coli (SM9223B Quantitray)				
	Sample Type					
		E.Coli = 250 mL , Entero = 120 mL ; Fecal Coliform = 120 mL				
G3SD 0073	F / M / Grab	E. coli	Entero	Fecal coliform	Date & Time: 05/04/22 0925	1 a/b
G3SD 0217	F / M / Grab	E. coli	Entero	Fecal coliform	Date & Time: 05/04/22 0945	2 a/b
G3SD 0218	F / M / Grab	E. coli	Entero	Fecal coliform	Date & Time: 05/04/22 0955	3 a/b
G3SD 0219	F / M / Grab	E. coli	Entero	Fecal coliform	Date & Time: 05/04/22 1030	4 a/b
G3SD 0220	F / M / Grab	E. coli	Entero	Fecal coliform	Date & Time: 05/04/22 1045	5 a/b
G3SD 0072	F / M / Grab	E. coli	Entero	Fecal coliform	Date & Time: 05/04/22 1120	6 a/b
	F / M / Grab	E. coli	Entero	Fecal coliform	Date & Time:	
	F / M / Grab	E. coli	Entero	Fecal coliform	Date & Time:	
	F / M / Grab	E. coli	Entero	Fecal coliform	Date & Time:	
	F / M / Grab	E. coli	Entero	Fecal coliform	Date & Time:	
	F / M / Grab	E. coli	Entero	Fecal coliform	Date & Time:	

*Sample Type is used to indicate whether the sample was a grab (G) or whether it was a composite (C).

*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).

*Container Type is used to indicate whether the container is plastic (P) or glass (G).

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 < 2.0 BEAS Temperature: 4.2°C

1	Collector: William Miller	Date: 05/04/22	Time: 1214	Received By: Brooke Kuntz	Date: 5/4/22	Time: 1214
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: