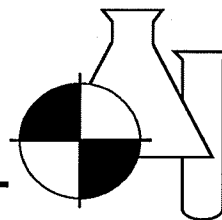


BENCHMARK EA SOUTH



ANALYTICAL TEST REPORT

THESE RESULTS MEET NELAC STANDARDS

NELAC Certification # E85086

Submission Number : S 19100210

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

Project Name : RQ-2019-10-07-75
Date Received : 10/09/2019
Time Received : 1425

Submission: S 19100210

Sample Number: 001
Sample Date: 10/09/2019
Sample Time: 1010
Sample Description: G3SD0073 - Myakka
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation		Analysis		Analyst
						Date	Time	Date	Time	
ENTEROCOCCI	41	#/100ML	10	10	ENTEROLERT	10/09/2019	15:30	10/10/2019	16:12	MM
FECAL COLIFORM	4	#/100 ML	1	1	SM9222D	10/09/2019	16:38	10/10/2019	16:20	MM

Submission: S 19100210

Sample Number: 002
Sample Date: 10/09/2019
Sample Time: 1015
Sample Description: G3SD0073 - Myakka_DUP
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation		Analysis		Analyst
						Date	Time	Date	Time	
ENTEROCOCCI	86	#/100ML	10	10	ENTEROLERT	10/09/2019	15:30	10/10/2019	16:12	MM
FECAL COLIFORM	7	#/100 ML	1	1	SM9222D	10/09/2019	16:38	10/10/2019	16:20	MM

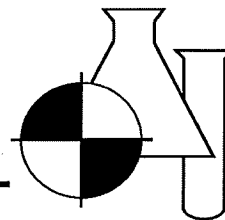
Submission: S 19100210

Sample Number: 003
Sample Date: 10/09/2019
Sample Time: 1030
Sample Description: G3SD0072 - Trailer
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation		Analysis		Analyst
						Date	Time	Date	Time	
ENTEROCOCCI	52	#/100ML	10	10	ENTEROLERT	10/09/2019	15:30	10/10/2019	16:12	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 33 #/100ML 1 1 SM9222D 10/09/2019 16:38 10/10/2019 16:20 MM

Submission: S 19100210

Sample Number: 004

Sample Description: G2SD0029 - Whidden

Sample Date: 10/09/2019

Sample Method: Grab

Sample Time: 1230

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date Time	Analysis Date Time	Analyst
ENTEROCOCCI	10 U	#/100ML	10	10	ENTEROLERT	10/09/2019 15:30	10/10/2019 16:12	MM
FECAL COLIFORM	1 U	#/100 ML	1	1	SM9222D	10/09/2019 16:38	10/10/2019 16:20	MM

Melinda Merchant

10/15/2019

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-2019-10-07-75

Laboratory Submission #:

519100210

Project Run/Location:

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		
	G3SD0073 - Myakka	F / (M) Grab	E.coli / Entero / F.coli	10/8/19 1010	1
	G3SD0073 - Myakka - DUP	F / (M) Grab	E.coli / Entero / F.coli	Date & Time: 10/9/19 1015	2
	G3SD0072 - Trailer	F / (M) Grab	E.coli / Entero / F.coli	Date & Time: 10/9/19 1030	3
	G2SD0022 - Whidden	F / (M) Grab	E.coli / Entero / F.coli	Date & Time: 10/9/19 1230	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:	
		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 coolers for 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.

⁵ 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 stored with appropriate sample prior to collection.

4. The client is responsible for documentation of the sampling event. Please use special sampling events on the sample custody form.

Laboratory Sample Acceptability:

pH < 2.0 BEAS Temperature: 4.3°C

1	Collector: Miranda Carroll	Date: 10/9/19	Time: 1425	Received By:	Date:	Time:
2	Relinquished by: M. Carroll	Date: 10/9/19	Time: 1425	Received By: Miranda Carroll	Date: 10/9/19	Time: 1425
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:

Page 3 of 3

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