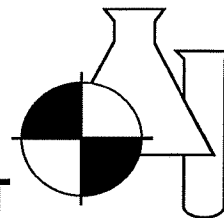


BENCHMARK EA SOUTH



ANALYTICAL TEST REPORT

THESE RESULTS MEET NELAC STANDARDS

NELAC Certification # E85086

Submission Number : S 19060141

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

Project Name : RQ-2019-05-27-09
Date Received : 06/05/2019
Time Received : 1614

Submission: S 19060141

Sample Number: 001 Sample Description: G3SD0068 Myakka River Tidal
Sample Date: 06/05/2019 Sample Method: Grab
Sample Time: 1025

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date	Preparation Time	Analysis Date	Analysis Time	Analyst
ENTEROCOCCI	41	#/100ML	10	10	ENTEROLERT	06/05/2019	16:47	06/06/2019	16:56	MM

Submission: S 19060141

Sample Number: 002 Sample Description: G2SD0022 Unnamed Ditch Indiana Ave
Sample Date: 06/05/2019 Sample Method: Grab
Sample Time: 1105

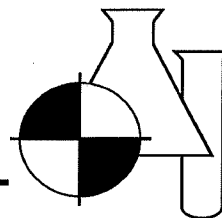
Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date	Preparation Time	Analysis Date	Analysis Time	Analyst
E- COLI BY IDEXX QUANTITRAY	86	#/100ML	10	10	SM9223B	06/05/2019	16:39	06/06/2019	16:57	LG

Submission: S 19060141

Sample Number: 003 Sample Description: G3SD0091 Phillippe Creek @ Proctor
Sample Date: 06/05/2019 Sample Method: Grab
Sample Time: 1205

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date	Preparation Time	Analysis Date	Analysis Time	Analyst
E- COLI BY IDEXX QUANTITRAY	1607	#/100ML	10	10	SM9223B	06/05/2019	16:39	06/06/2019	16:57	LG

BENCHMARK EA SOUTH



ANALYTICAL TEST REPORT

THESE RESULTS MEET NELAC STANDARDS

NELAC Certification # E85086

Submission: S 19060141

Sample Number: 004

Sample Description: G3SD0089 North Creek Tidal

Sample Date: 06/05/2019

Sample Method: Grab

Sample Time: 1310

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date Time	Analysis Date Time	Analyst
ENTEROCOCCI	146	#/100ML	10	10	ENTEROLERT	06/05/2019 16:47	06/06/2019 16:56	MM

Submission: S 19060141

Sample Number: 005

Sample Description: G3SD0089 Duplicate

Sample Date: 06/05/2019

Sample Method: Grab

Sample Time: 1315

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date Time	Analysis Date Time	Analyst
ENTEROCOCCI	160	#/100ML	10	10	ENTEROLERT	06/05/2019 16:47	06/06/2019 16:56	MM

Melinda Merchant

06/12/2019

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 samples, 100 mL on blanks) was performed on each 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.

1001 Corporate Ave, Suite 102 North Port, FL 34289 Phone: (941) 625-3137 Fax: (941) 240-3071

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-2019-05-27-09**Project Run/Location:** WMBD 1 ; SARASOTA**Laboratory Submission #:**

519060141

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			
G3SD0068 MYAKKA RIVER (TIDAL) @ US 41	F / M / Grab	E.coli / Entero / F.coli		06/05/2019 ; 1025	1
G2SD0022 UNNAMED DITCH @ INDIANA AVE	F / M / Grab	E.coli / Entero / F.coli	Date & Time:	06/05/2019 ; 1105	2
G3SD0091 PHILLIPPE CREEK @ PROCTOR RD	F / M / Grab	E.coli / Entero / F.coli	Date & Time:	06/05/2019 ; 1205	3
G3SD0089 NORTH CREEK (TIDAL) @ US 41	F / M / Grab	E.coli / Entero / F.coli	Date & Time:	06/05/2019 ; 1310	4
G3SD0089 DUPLICATE	F / M / Grab	E.coli / Entero / F.coli	Date & Time:	06/05/2019 ; 1315	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 < 2.0 BEAS Temperature: 1.9°C

1	Collector:	Maryann Jagan	Date:	06/05/2019	Time:		Received By:		Date:		Time:	
2	Relinquished by:	Maryann Jagan	Date:	06/05/2019	Time:	1614	Received By:	Melinda Marchant	Date:	6/5/19	Time:	1614
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:	

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