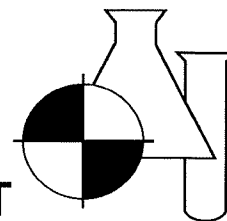


BENCHMARK EA SOUTH



ANALYTICAL TEST REPORT

THESE RESULTS MEET NELAC STANDARDS

NELAC Certification # E85086

Submission Number S 18040632

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

Project Name : DEP-BIO PROGRAM
Date Received : 04/30/2018
Time Received : 1354

Submission: S 18040632

Sample Number: 001 Sample Description: G4SD0104
Sample Date: 04/30/2018 Sample Method: Grab
Sample Time: 1120

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date Time	Analysis Date Time	Analyst
E-COLI BY IDEXX QUANTITRAY	132	#/100ML	10	10	SM9223B	04/30/2018 15:10	05/01/2018 15:20	MM

Submission: S 18040632

Sample Number: 002 Sample Description: G4SD0104DUP
Sample Date: 04/30/2018 Sample Method: Grab
Sample Time: 1125

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date Time	Analysis Date Time	Analyst
E-COLI BY IDEXX QUANTITRAY	85	#/100ML	10	10	SM9223B	04/30/2018 15:10	05/01/2018 15:20	MM

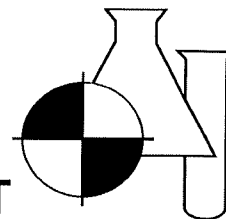
Submission: S 18040632

Sample Number: 003 Sample Description: G4SD0165
Sample Date: 04/30/2018 Sample Method: Grab
Sample Time: 1200

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date Time	Analysis Date Time	Analyst
E-COLI BY IDEXX QUANTITRAY	521	#/100ML	10	10	SM9223B	04/30/2018 15:10	05/01/2018 15:20	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

Melinda Merchant

05/10/2018

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.

JO = 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

2 dilutions were performed on each sample.

X = Value exceed MCL.

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:

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

Bill to: Carina Tull

P.O. #: Lab #039

DEP-Bio Program
Project Name: RQ-2018- ~~04-30-75~~ 5/1/18 ~~44~~
Project Run/Location: -22 as per client

Laboratory Submission #:

518040632

Station ID	Surface Water Sample Matrix ² (Fresh / Marine) Sample Type	Enterococci mm 4/30/18 E.coli (SM9223B Quantitray)				Laboratory Sample #
		1 x 100mL Sterile Plastic				
		NaThio				
		E.coli / Enterococci / F.coli				
Josephine Creek G4SD 0104	F / M / Grab	E.coli	Enterococci	F.coli	Date & Time: 4/30/18 1120	1
Josephine Creek (DWP) G4SD 0104-DWP	F / M / Grab	E.coli	Enterococci	F.coli	Date & Time: 4/30/18 1125	2
Grassy Creek G4SD 0165	F / M / Grab	E.coli	Enterococci	F.coli	Date & Time: 4/30/18 1200	3
	F / M / Grab	E.coli	Enterococci	F.coli	Date & Time:	
	F / M / Grab	E.coli	Enterococci	F.coli	Date & Time:	
	F / M / Grab	E.coli	Enterococci	F.coli	Date & Time:	
	F / M / Grab	E.coli	Enterococci	F.coli	Date & Time:	
	F / M / Grab	E.coli	Enterococci	F.coli	Date & Time:	
	F / M / Grab	E.coli	Enterococci	F.coli	Date & Time:	
	F / M / Grab	E.coli	Enterococci	F.coli	Date & Time:	
	F / M / Grab	E.coli	Enterococci	F.coli	Date & Time:	
	F / M / Grab	E.coli	Enterococci	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.

Laboratory Sample Acceptability:

pH < 2 : 0 BEAS Temperature: 4.4°C

1	Collector: <i>[Signature]</i>	Date: 4/30/18	Time: 1349	Received By:	Date:	Time:
2	Relinquished by: <i>[Signature]</i>	Date: 4/30/18	Time: 1350	Received By: <i>[Signature]</i>	Date: 4/30/18	Time: 1354
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: