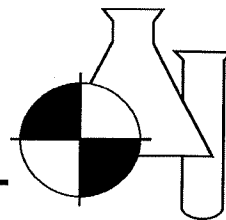


BENCHMARK EA SOUTH



ANALYTICAL TEST REPORT THESE RESULTS MEET NELAC STANDARDS

NELAC Certification # E85086

Submission Number : S 18060229

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

Project Name : RQ-2018-06-18-22
Date Received : 06/12/2018
Time Received : 1255

Submission: S 18060229

Sample Number: 001 **Sample Description:** G3SD0133 Lake Myakka (Upper)
Sample Date: 06/12/2018 **Sample Method:** Grab
Sample Time: 1030

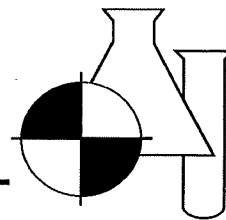
Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date Time	Analysis Date Time	Analyst
E- COLI BY IDEXX QUANTITRAY	10	#/100ML	10	10	SM9223B	06/12/2018 15:20	06/13/2018 16:05	MM

Submission: S 18060229

Sample Number: 002 **Sample Description:** G3SD0107 Lake Myakka (Lower)
Sample Date: 06/12/2018 **Sample Method:** Grab
Sample Time: 1135

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date Time	Analysis Date Time	Analyst
E- COLI BY IDEXX QUANTITRAY	10	#/100ML	10	10	SM9223B	06/12/2018 15:20	06/13/2018 16:05	MM

BENCHMARK EA SOUTH



ANALYTICAL TEST REPORT THESE RESULTS MEET NELAC STANDARDS

NELAC Certification # E85086

Melinda Merchant

06/19/2018

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.

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

1 dilution was 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: FDDEP
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: RO-2018-06-18-22

Project Run/Location: *Muskegon Lakes / Saucata*

Laboratory Submission #:

518060229

Station ID

Surface Water Sample Matrix² (Fresh / Marine)

**Enterococci
E.coli (SM9223B Quantitray)**

Laboratory Sample #

E.Coli = 250 mL ; Enteroc = 120 mL ; Fecal Coliform = 120 mL

		F / M / Grab	E.coli / Enteroc / F.coli			
		F / M / Grab	E.coli / Enteroc / F.coli	Date & Time:	<i>06/12/2018 1030</i>	<i>1</i>
		F / M / Grab	E.coli / Enteroc / F.coli	Date & Time:	<i>06/12/2018 1135</i>	<i>2</i>
		F / M / Grab	E.coli / Enteroc / F.coli	Date & Time:		
		F / M / Grab	E.coli / Enteroc / F.coli	Date & Time:		
		F / M / Grab	E.coli / Enteroc / F.coli	Date & Time:		
		F / M / Grab	E.coli / Enteroc / F.coli	Date & Time:		
		F / M / Grab	E.coli / Enteroc / F.coli	Date & Time:		
		F / M / Grab	E.coli / Enteroc / F.coli	Date & Time:		
		F / M / Grab	E.coli / Enteroc / F.coli	Date & Time:		
		F / M / Grab	E.coli / Enteroc / F.coli	Date & Time:		
		F / M / Grab	E.coli / Enteroc / F.coli	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.

Preservative is a label identifying sample ID, preservative used, container type, client ID, and parameters for analysis.

*The label on the container must be filled out after collection with permanent black ink. Date and time of collection, sampled's name or initials, and any field number or ID.

*All bottles not containing preservative may be mixed with appropriate sample prior to collection.

*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: *39°C*

1	Collector: <i>Nicole Reistad</i>	Date: <i>06/12/2018</i>	Time:	Received By:	Date:	Time:
2	Relinquished by: <i>Nicole Reistad</i>	Date: <i>06/12/2018</i>	Time:	Received By:	Date:	Time:
3	Relinquished by: <i>Myaqua Tragan</i>	Date: <i>06/12/2018</i>	Time: <i>12:55</i>	Received By: <i>Myaqua Tragan</i>	Date: <i>06/12/2018</i>	Time: <i>12:55</i>
4	Relinquished by:	Date:	Time:	Received By:	Date:	Time:
5	Relinquished by:	Date:	Time:	Received By:	Date:	Time: