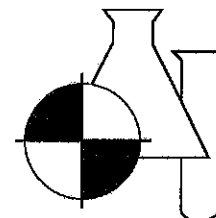


BENCHMARK EA SOUTH



NELAP Certification #E85086

ANALYTICAL TEST REPORT

THESE RESULTS MEET NELAC STANDARDS

Submission Number : S24020662

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

Project Name : RQ-2024-02-19-53

Date Received : 02/21/2024

Time Received : 14:54

Submission Number: 24020662 Sample Date: 02/21/2024
Sample Number: 001 Sample Time: 11:40
Sample Description: G3SD0097 Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
E- COLI BY IDEXX QUANTITRAY	169	#/100 ML	10	10	SM9223B	02/21/2024 16:00	02/22/2024 16:20	MM

Submission Number: 24020662 Sample Date: 02/21/2024
Sample Number: 002 Sample Time: 12:15
Sample Description: G3SD0095 Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
E- COLI BY IDEXX QUANTITRAY	990	#/100 ML	10	10	SM9223B	02/21/2024 16:00	02/22/2024 16:20	MM

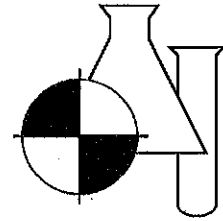
Submission Number: 24020662 Sample Date: 02/21/2024
Sample Number: 003 Sample Time: 12:45
Sample Description: G3SD0096 Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
E- COLI BY IDEXX QUANTITRAY	262	#/100 ML	10	10	SM9223B	02/21/2024 16:00	02/22/2024 16:20	MM

Submission Number: 24020662 Sample Date: 02/21/2024
Sample Number: 004 Sample Time: 13:00
Sample Description: G3SD0184 Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
E- COLI BY IDEXX QUANTITRAY	399	#/100 ML	10	10	SM9223B	02/21/2024 16:00	02/22/2024 16:20	MM

BENCHMARK EA SOUTH



NELAP Certification #B85086

Submission Number: 24020662
Sample Number: 005
Sample Description: G3SD0011

Sample Date: 02/21/2024
Sample Time: 13:20
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
E- COLI BY IDEXX QUANTITRAY	350	#/100 ML	10	10	SM9223B	02/21/2024 16:00	02/22/2024 16:20	MM

Submission Number: 24020662
Sample Number: 006
Sample Description: G3SD0157

Sample Date: 02/21/2024
Sample Time: 13:55
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
E- COLI BY IDEXX QUANTITRAY	241	#/100 ML	10	10	SM9223B	02/21/2024 16:00	02/22/2024 16:20	MM

Melinda Merchant

02/27/2024

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.
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.
! = 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.

(941) 625-3137 / (941) 240-3071 fax

**Bill to: Frances Moore
P.O. #: Lab CLEFCB**

Project Run/Location: *Studio 102* *Armed'n*

524020662

Enterococci
E.coli (SM9223B Quantitray)

Laboratory
Sample #

Station ID	Surface Water Sample Matrix* (Fresh / Marine)	Sample Type	Enterococci E.coli (SM9223B Quantitray)	Laboratory Sample #
G3SD0097	F / M / Grab	E. coli / Enterococci	E. coli = 250 mL ; Enterococci = 120 mL ; Fecal Coliform = 120 mL	1
G3SD0095	F / M / Grab	E. coli / Enterococci	E. coli = 250 mL ; Enterococci = 120 mL ; Fecal Coliform = 120 mL	2
G3SD0096	F / M / Grab	E. coli / Enterococci	E. coli = 250 mL ; Enterococci = 120 mL ; Fecal Coliform = 120 mL	3
G3SD0184	F / M / Grab	E. coli / Enterococci	E. coli = 250 mL ; Enterococci = 120 mL ; Fecal Coliform = 120 mL	4
G3SD0011	F / M / Grab	E. coli / Enterococci	E. coli = 250 mL ; Enterococci = 120 mL ; Fecal Coliform = 120 mL	5
G3SD0157	F / M / Grab	E. coli / Enterococci	E. coli = 250 mL ; Enterococci = 120 mL ; Fecal Coliform = 120 mL	6

1. "Sample Type" is used to indicate whether the sample is a grab (G) or whether it was a composite (C).
2. "Sample Matrix" is used to indicate whether the sample is being distributed to drinking water (DW), groundwater (GW), surface water (SW), fresh surface water (FSW), saline surface water (SSW), soil sediment (SSMATS), or sludge (S.D.O.).
3. "Container Type" is used to indicate whether the container is plastic (P) or glass (G).
4. Sample must be refrigerated or stored at wet ice after collection.
5. The maximum temperature during storage should be $\leq 6^{\circ}\text{C}$ (42.8°F). Under "Preservative(s)" list any preservatives that were added to the sample container.

Biochemical:

1. Use a 10-ml identifying sample ID, prepared according to methods contained in the basic sample type, either ID and parameters for analysis.
2. The following information should be added to each basic field label after the date and time of collection: sampled name or initials, and any field number or ID.
3. All bottles not containing preservative may be frozen with appropriate sample type for collection.

The effort is responsible for documentation of the sampling event. Please refer record sampling events on the sample matrix form.

Laboratory Sample Acceptability:
pH < 2: ☐ BEAS Temperature: 2.6°C

Page 3 of 3