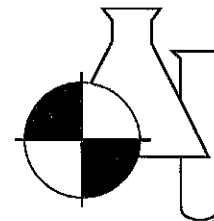


BENCHMARK EA SOUTH



NELAC Certification #E85086

ANALYTICAL TEST REPORT

THESE RESULTS MEET NELAC STANDARDS

Submission Number : S23120280

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

Project Name : RQ-2023-11-27-20
Date Received : 12/11/2023
Time Received : 11:39

Submission Number: 23120280 Sample Date: 12/11/2023
Sample Number: 001 Sample Time: 08:35
Sample Description: G3SD0240 Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
ENTEROCOCCI	6887	#/100 ML	10	10	ENTEROLERT	12/11/2023 13:53	12/12/2023 14:19	BK/MM

Submission Number: 23120280 Sample Date: 12/11/2023
Sample Number: 002 Sample Time: 08:55
Sample Description: G3SD0216 Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
ENTEROCOCCI	4884	#/100 ML	10	10	ENTEROLERT	12/11/2023 13:53	12/12/2023 14:19	BK/MM

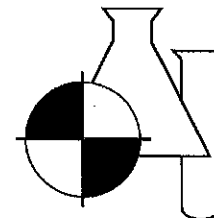
Submission Number: 23120280 Sample Date: 12/11/2023
Sample Number: 003 Sample Time: 09:30
Sample Description: G3SD0131 Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
E- COLI BY IDEXX QUANTITRAY	504	#/100 ML	10	10	SM9223B	12/11/2023 15:47	12/12/2023 16:07	BK

Submission Number: 23120280 Sample Date: 12/11/2023
Sample Number: 004 Sample Time: 10:20
Sample Description: G3SD0152 Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
E- COLI BY IDEXX QUANTITRAY	1162	#/100 ML	10	10	SM9223B	12/11/2023 15:47	12/12/2023 16:07	BK

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NELAC Certification #B85086

Submission Number: 23120280
Sample Number: 005
Sample Description: G3SD0157

Sample Date: 12/11/2023
Sample Time: 10:35
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
E- COLI BY IDEXX QUANTITRAY	359	#/100 ML	10	10	SM9223B	12/11/2023 15:47	12/12/2023 16:07	BK

Submission Number: 23120280
Sample Number: 006
Sample Description: G3SD0132

Sample Date: 12/11/2023
Sample Time: 11:05
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
E- COLI BY IDEXX QUANTITRAY	2603	#/100 ML	10	10	SM9223B	12/11/2023 15:47	12/12/2023 16:07	BK

Melinda Merchant

12/18/2023

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.
I = 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.

Benchmark EnviroAnalytical, Inc.

1001 Corporate Ave. Suite 102
North Port, FL 34289
(941) 625-3137 / (941) 240-3071 fax

BEAS Sample Receipt Temp. 2.6 °C

Checked at Benchmark EA South E55086
With Temperature Gun ID #7

Client Name: FDEP
Address: 2600 Blair Stone Rd.
Tallahassee, FL, 32399

Phone: (239) 344-5718
Email: dep-overflowmicro@dep.state.fl.us

Bill to: Frances Moore
P.O. #: Lab CIEFCB

Project Name: RQ-2023-11-27-20
Project Run/Location: Desoto Shenanigans

Laboratory Submission #:

S23120280

Station
ID

Surface Water
Sample Matrix
(Fresh / Marine)
Sample Type

Enterococci
E.coli (SM9223B Quantitray)

Laboratory
Sample #

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

G3SD0240	F / M / Grab	E. coli / Enterococci	Fecal coliform	Date & Time: 12/11/23	835	1
G3SD0216	F / M / Grab	E. coli / Enterococci	Fecal coliform	Date & Time: 12/11/23	855	2
G3SD0131	F / M / Grab	E. coli / Enterococci	Fecal coliform	Date & Time: 12/11/23	930	3
G3SD0152	F / M / Grab	E. coli / Enterococci	Fecal coliform	Date & Time: 12/11/23	1020	4
G3SD0157	F / M / Grab	E. coli / Enterococci	Fecal coliform	Date & Time: 12/11/23	1035	5
G3SD0132	F / M / Grab	E. coli / Enterococci	Fecal coliform	Date & Time: 12/11/23	1105	6
	F / M / Grab	E. coli / Enterococci	Fecal coliform	Date & Time:		
	F / M / Grab	E. coli / Enterococci	Fecal coliform	Date & Time:		
	F / M / Grab	E. coli / Enterococci	Fecal coliform	Date & Time:		
	F / M / Grab	E. coli / Enterococci	Fecal coliform	Date & Time:		
	F / M / Grab	E. coli / Enterococci	Fecal coliform	Date & Time:		
	F / M / Grab	E. coli / Enterococci	Fecal coliform	Date & Time:		

"Sample Matrix" is used to indicate whether the sample is being analyzed to drinking water (DW), groundwater (GW), surface water (SW), fecal surface water (FSW), solid sediment (SSM), or sludge (SLG).

"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 "Preservation" list any preservatives that were added to the sample container.

1. Each bottle has a label identifying sample ID, preservation method, collection date, sample type, client ID, and parameters for analysis.

2. The following information should be added to each bottle label after collection and preservation: date, time of collection, sample ID, time of analysis, and any field analysis or ID.

3. All bottles containing preservatives may be mixed 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 container form.

Laboratory Sample Acceptability:

pH < 2.0 BEAS Temperature: 2.6°C

1	Collector: Monica Jaeger	Date: 12/11/23	Time: 1139	Received By: Bart Runtz	Brookhaven	Date: 12/11/23	Time: 1139
2	Relinquished by:	Date:	Time:	Received By:	REAS	Date:	Time:
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: