

ANALYTICAL TEST REPORT

THESE RESULTS MEET NELAC STANDARDS

Submission Number : S23060532

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

Project Name : RQ-2023-06-19-15
Date Received : 06/20/2023
Time Received : 10:45

Submission Number: 23060532 Sample Date: 06/20/2023
Sample Number: 001 Sample Time: 08:45
Sample Description: G3SD0152 Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
E- COLI BY IDEXX QUANTITRAY	183	#/100 ML	10	10	SM9223B	06/20/2023 12:26	06/21/2023 13:35	MM

Submission Number: 23060532 Sample Date: 06/20/2023
Sample Number: 002 Sample Time: 09:10
Sample Description: G3SD0157 Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
E- COLI BY IDEXX QUANTITRAY	20	#/100 ML	10	10	SM9223B	06/20/2023 12:26	06/21/2023 13:35	MM

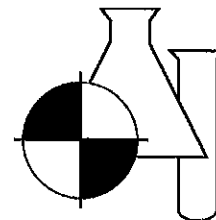
Submission Number: 23060532 Sample Date: 06/20/2023
Sample Number: 003 Sample Time: 09:40
Sample Description: G3SD0132 Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
E- COLI BY IDEXX QUANTITRAY	833	#/100 ML	10	10	SM9223B	06/20/2023 12:26	06/21/2023 13:35	MM

Submission Number: 23060532 Sample Date: 06/20/2023
Sample Number: 004 Sample Time: 10:00
Sample Description: G3SD0131 Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
E- COLI BY IDEXX QUANTITRAY	121	#/100 ML	10	10	SM9223B	06/20/2023 12:26	06/21/2023 13:35	MM

BENCHMARK EA SOUTH



NELAC Certification #E85086

Melinda Merchant

06/26/2023

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.

! = 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

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 095341**

000EF5

Project Name: **RQ-2021**

Project Run/Location: **DeSoto Shen.**

Laboratory Submission #:

523060532

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			
G3SD0152	(F) M / Grab	E. coli	Entero / Fecal coliform	Date & Time: 6/20/23 845	1
G3SD0157	(F) M / Grab	E. coli	Entero / Fecal coliform	Date & Time: 6/20/23 910	2
G3SD0132	(F) M / Grab	E. coli	Entero / Fecal coliform	Date & Time: 6/20/23 940	3
G3SD0131	(F) M / Grab	E. coli	Entero / Fecal coliform	Date & Time: 6/20/23 1000	4
	F / M / Grab	E. coli	Entero / Fecal coliform	Date & Time:	
	F / M / Grab	E. coli	Entero / Fecal coliform	Date & Time:	
	F / M / Grab	E. coli	Entero / Fecal coliform	Date & Time:	
	F / M / Grab	E. coli	Entero / Fecal coliform	Date & Time:	
	F / M / Grab	E. coli	Entero / Fecal coliform	Date & Time:	
	F / M / Grab	E. coli	Entero / Fecal coliform	Date & Time:	
	F / M / Grab	E. coli	Entero / Fecal coliform	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.

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: **5.9°C**

1	Collector: MDNICA Jaeger	Date: 6/20/23	Time: 1045	Received By: Brooke Kinterich Brooke Kinterich BEAS	Date: 6/20/23	Time: 1045
2	Relinquished by:	Date:	Time:	Received By:	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:

BEAS Sample Receipt Temp. **5.9 °C**

Checked at Benchmark EA South E85086
With Temperature Gun ID #7

Page 3 of 3