

ANALYTICAL TEST REPORT

THESE RESULTS MEET NELAP STANDARDS

Submission Number : 23060628

F D E P/S W D
13051 N Telecom Pkwy.
Tampa, FL 33637

Project Name : RQ-2023-06-12-21

Date Received : 06/12/2023

Time Received : 14:32

Erica Peck

Submission Number: 23060628
Sample Number: 001
Sample Description: G2SW0153

Sample Date: 06/12/2023
Sample Time: 10:50
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
E- COLI BY IDEXX QUANTITRAY	1248	#/100 ML	10	10	SM9223B	06/12/2023 15:32	06/13/2023 16:10	SM/MS

Submission Number: 23060628
Sample Number: 002
Sample Description: G2SW0101

Sample Date: 06/12/2023
Sample Time: 11:30
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
E- COLI BY IDEXX QUANTITRAY	512	#/100 ML	10	10	SM9223B	06/12/2023 15:32	06/13/2023 16:10	SM/MS

Submission Number: 23060628
Sample Number: 003
Sample Description: G2SW0023

Sample Date: 06/12/2023
Sample Time: 12:15
Sample Method: Grab

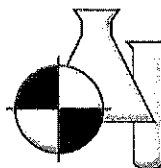
Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
E- COLI BY IDEXX QUANTITRAY	455	#/100 ML	10	10	SM9223B	06/12/2023 15:32	06/13/2023 16:10	SM/MS

Submission Number: 23060628
Sample Number: 004
Sample Description: G2SW0103

Sample Date: 06/12/2023
Sample Time: 12:45
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
E- COLI BY IDEXX QUANTITRAY	187	#/100 ML	10	10	SM9223B	06/12/2023 15:32	06/13/2023 16:10	SM/MS

BENCHMARK



EnviroAnalytical, Inc.

NELAP Certification #E84167

Submission Number: 23060628
Sample Number: 005
Sample Description: G2SW0119

Sample Date: 06/12/2023
Sample Time: 13:25
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
ENTEROCOCCI	256	#/100 ML	10	10	ENTEROLERT	06/12/2023 15:16	06/13/2023 16:03	SM/MS

Haley Rin

06/15/2023

Dale D. Dixon / Laboratory Director

Date

Kathleen Gauthier / Haley Richardson - QC Officers

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.

NOTES:

MBAS calculated as LAS; molecular weight = 340.
PQL = 4xMDL.
ND = Not detected at or above the adjusted reporting limit.
X = Value exceeds MCL.
G1 = Accuracy standard does not meet method control limits, but does meet lab control limits that are in agreement with USEPA generated data. USEPA letter available upon request.

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.
Oil & Grease - If client does not send sufficient sample quantity for spike evaluation surface water samples are supplied by the laboratory.

COMMENTS:

1 (10 mL) dilution on each E. coli sample.

For questions or comments regarding these results, please contact us at (941) 723-9986.

Results relate only to the samples.

Benchmark EnviroAnalytical, Inc
1711 12th Street East
Palmetto, FL 34221
941-723-9986
941-723-6061 Fax

PO# C00EF5

Client Information: FDEP

Address: 13051 N. Telecom Parkway

Tampa FL 33604

Phone # 815-470-5878

Report to: benjamin.paswater@dep.state.fl.us

DEP-Overflomicro@dep.state.fl.us

Invoice to: FDEP Micro Overflow

Project Name: RQ-2023-06-12-21

Laboratory Submission #

3060618

Sample Name	Sample Type / Sample Matrix ²	Collection		Container		Preservative ⁴	Parameters for Analysis	Laboratory Sample #
		Date	Time	Qty	Capacity			
G2SW0153	SW	6/12/23	1050	1	250mL	P	E. Coli	1.
G2SW0101	SW	6/12/23	1130	1	250mL	P	E. Coli	2.
G2SW0023	SW	6/12/23	1215	1	250mL	P	E. Coli	3.
G2SW0103	SW	6/12/23	1245	1	250mL	P	E. Coli	4.
G2SW0119	SW	6/12/23	1325	1	250mL	P	Enterococcus	5.
	SW				250mL	P		
	SW				250mL	P		

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), saline surface water (SSW), soil, sediment (SDMT), or sludge (SLDG).

³ "Container Type" is used to indicate whether the container is plastic (P) or glass (G).

⁴ "Preservative" is used to indicate whether the sample was preserved with acid, formalin, or other preservative. If any preservatives that were added to the sample container.

⁵ "Storage" is used to indicate whether the sample was stored in a cool box, ice chest, or other storage. Storage should be less than or equal to 6°C (42°F).

⁶ "Time" is used to indicate the time of collection. The time should be recorded in HH:MM format.

⁷ "Date" is used to indicate the date of collection. The date should be recorded in MM/DD/YYYY format.

⁸ "Quantity" is used to indicate the quantity of sample collected. The quantity should be recorded in liters (L) or gallons (G).

⁹ "Location" is used to indicate the location of collection. The location should be recorded in a clear and concise manner.

¹⁰ "Remarks" is used to indicate any other information that may be relevant to the sample collection.

¹¹ "Collector" is used to indicate the name of the person who collected the sample.

¹² "Relinquished By" is used to indicate the name of the person who relinquished the sample.

¹³ "Relinquished Date" is used to indicate the date when the sample was relinquished.

¹⁴ "Relinquished Time" is used to indicate the time when the sample was relinquished.

¹⁵ "Relinquished Location" is used to indicate the location where the sample was relinquished.

Laboratory Sample Acceptability:
Temperature: 0.8°C

1	Collected / Relinquished By:	Date	Time	Received By:	Date	Time
		6/12/23	1430	Nathan Hadse	6-12-23	1431
2	Relinquished By:	Date	Time	Received By:	Date	Time