



NELAP Certification #E84167

EnviroAnalytical, Inc.

ANALYTICAL TEST REPORT

THESE RESULTS MEET NELAP STANDARDS

Submission Number : 23020485

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

Project Name : RQ-2023-01-30-55

Date Received : 02/08/2023

Time Received : 15:15

Erica Peck

Submission Number: 23020485 Sample Date: 02/08/2023
Sample Number: 001 Sample Time: 10:10
Sample Description: G4SW0104 Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
E- COLI BY IDEXX QUANTITRAY	52	#/100 ML	10	10	SM9223B		09/08/2023 16:03	DJ

Submission Number: 23020485 Sample Date: 02/08/2023
Sample Number: 002 Sample Time: 11:40
Sample Description: G3SW0084 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		09/08/2023 16:03	DJ

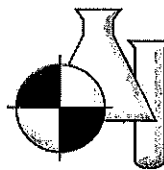
Submission Number: 23020485 Sample Date: 02/08/2023
Sample Number: 003 Sample Time: 12:15
Sample Description: G3SW0118 Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
E- COLI BY IDEXX QUANTITRAY	30	#/100 ML	10	10	SM9223B		09/08/2023 16:03	DJ

Submission Number: 23020485 Sample Date: 02/08/2023
Sample Number: 004 Sample Time: 13:40
Sample Description: G3SW0012 Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
E- COLI BY IDEXX QUANTITRAY	216	#/100 ML	10	10	SM9223B		09/08/2023 16:03	DJ

BENCHMARK



EnviroAnalytical, Inc.

NELAP Certification #E84167

Tülay Tanrisever

Dale D. Dixon / Laboratory Director

02/14/2023

Date

Tülay Tanrisever / 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.

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.

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.

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.

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

Client Information: DEP: SW-DIST

Address: 13051 N. Telecom Parkway
Tampa FL 33604
Phone # 815-470-5878

PO#_C00EF5

Report to: benjamin.paswater@dep.state.fl.us
DEP-Overflomicro@dep.state.fl.us

Invoice to: FDEP Micro Overflow

Project Name: RQ-2023- 01-30-55

Laboratory Submission #

23020485

Sample Name	Sample Type / Sample Matrix ²	Collection		Container		Preservative ⁴	Parameters for Analysis	Laboratory Sample #
		Date	Time	Qty	Capacity			
G4SW0104	SW	2/8/2023	1010		250mL	P	E-Coli	1
G3SW0084	SW		1140		250mL	P	E-Coli	2
G3SW0118	SW		1215		250mL	P	E-Coli	3
G3SW0012	SW		1340		250mL	P	E-Coli	4
	SW				250mL	P		
	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), fresh surface water (FSW), saline surface water (SSW), soil, sediment (SEDIMENT), or sludge (SLDG).

³ "Sample Type" and "Sample Matrix" are used to determine the appropriate preservative and storage conditions.

⁴ "Preservative" is used to indicate the preservative used. The temperature during storage should be less than or equal to 6°C (42.8°F).

⁵ Each bottle has a label identifying sample ID, premeasured preservative contained in the bottle, sample type, client ID, and parameters for analysis.

⁶ All bottles not containing preservative may be rinsed with appropriate sample prior to collection.

⁷ The client is responsible for documentation of the sampling event. Please note special sampling events on the sample custody form.

⁸ "Preservative" list any preservatives that were added to the sample container.

⁹ "Sample Type" and "Sample Matrix" are used to determine the appropriate preservative and storage conditions.

¹⁰ "Sample Type" and "Sample Matrix" are used to determine the appropriate preservative and storage conditions.

¹¹ "Sample Type" and "Sample Matrix" are used to determine the appropriate preservative and storage conditions.

¹² "Sample Type" and "Sample Matrix" are used to determine the appropriate preservative and storage conditions.

Laboratory Sample Acceptability:
Temperature: 0.9°C

1	Collected / Relinquished By: Ben Paswater	Date: 2/8/2023	Time	Received By: Nathan H. Gadsden	Date: 2-8-23	Time: 5:15
2	Relinquished By:	Date:	Time	Received By:	Date:	Time

2023