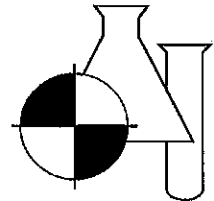


BENCHMARK

EnviroAnalytical Inc.



NELAC Certification #E84167

ANALYTICAL TEST REPORT

THESE RESULTS MEET NELAC STANDARDS

Submission Number : 21021318

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

Project Name : RQ-2021-02-22-46

Date Received : 02/23/2021

Time Received : 1245

Erica Peck

Submission Number: 21021318 Sample Date: 02/23/2021
Sample Number: 001 Sample Time: 0945
Sample Description: G5SW0164 Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
ENTEROCOCCI	2014	#/100 ML	10	10	ENTEROLERT	02/23/2021 14:20	02/24/2021 14:52	CW

Submission Number: 21021318 Sample Date: 02/23/2021
Sample Number: 002 Sample Time: 1005
Sample Description: G5SW0165 Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
ENTEROCOCCI	336	#/100 ML	10	10	ENTEROLERT	02/23/2021 14:20	02/24/2021 14:52	CW

Submission Number: 21021318 Sample Date: 02/23/2021
Sample Number: 003 Sample Time: 1030
Sample Description: G5SW0147 Sample Method: Grab

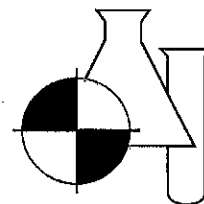
Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
E- COLI BY IDEXX QUANTITRAY	867	#/100 ML	10	10	SM9223B	02/23/2021 1442	02/24/2021 14:50	CW

Submission Number: 21021318 Sample Date: 02/23/2021
Sample Number: 004 Sample Time: 1050
Sample Description: G5SW0163 Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
ENTEROCOCCI	880	#/100 ML	10	10	ENTEROLERT	02/23/2021 14:20	02/24/2021 14:52	CW

BENCHMARK

EnviroAnalytical Inc.



NELAC Certification #E84167

02/26/2021

Dale D. Dixon / Laboratory Director

Date

Tülay Tanrisever - Technical Director/QC Officer

Kara Peterson - QC Officer

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.

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

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.

COMMENTS:

1 (10 mL) dilution on each Enterococci and E. coli sample. 3 (1 mL, 10 mL, & 100 mL) dilutions on each Fecal Coliform 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

Client Information: FDEP

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

PO# B77880

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

Invoice to: FDEP Micro Overflow

Project Name: RQ-2021-02-22-46

Laboratory Submission #

21021318

Sample Name	Sample Type / Sample Matrix ²	Collection		Container		Preservative ⁴	Parameters for Analysis	Laboratory Sample #
		Date	Time	Qty	Capacity			
G5SW0164	SW	02/23/2021	9 45	1	250mL	P	Plain (on Ice) Enterococci	1
G5SW0165	SW	02/23/2021	10 05	1	250mL	P	Plain (on Ice) Enterococci	2
G5SW0147	SW	02/23/2021	10 30	1	250mL	P	Plain (on Ice) E. coli	3
G5SW0163	SW	02/23/2021	10 50	1	250mL	P	Plain (on Ice) Enterococci	4
	SW				250mL	P	Plain (on Ice)	
	SW				250mL	P	Plain (on Ice)	
	SW				250mL	P	Plain (on Ice)	

Laboratory Sample Acceptability:
Temperature: 2.3°C

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 sample is being collected in plastic (P) or glass (G).
Preservative is used to indicate whether the sample is being collected in a preservative (P) or not (N).
Storage is used to indicate whether the sample is being collected in a storage container (S) or not (NS).
Under-Preservative is used to indicate whether the sample is being collected in a preservative (P) or not (N).
Storage is used to indicate whether the sample is being collected in a storage container (S) or not (NS).

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. All bottles must be kept chilled (4°C) until analysis.
3. All bottles not containing preservative 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 custody form.

1	Collected / Relinquished By: <i>Sarah Nguyen</i>	Date: 02/23/21	Time: 1245	Received By: <i>[Signature]</i>	Date: 02-23-21	Time: 1245
2	Relinquished By:	Date:	Time:	Received By:	Date:	Time: