

ANALYTICAL TEST REPORT

THESE RESULTS MEET NELAP STANDARDS

Submission Number : 22080004

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

Project Name : RQ-2022-07-18-25
Date Received : 08/01/2022
Time Received : 13:27

Erica Peck

Submission Number: 22080004
Sample Number: 001
Sample Description: G1SW0109

Sample Date: 08/01/2022
Sample Time: 09:45
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
FECAL COLIFORM BY MPN	10 U	#/100 ML	10	10	COLILERT-18	08/01/2022 14:00	08/02/2022 15:36	DV
ENTEROCOCCI	97	#/100 ML	10	10	ENTEROLERT	08/01/2022 14:00	08/02/2022 15:36	DV

Submission Number: 22080004
Sample Number: 002
Sample Description: G1SW0099

Sample Date: 08/01/2022
Sample Time: 10:00
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
FECAL COLIFORM BY MPN	10 U	#/100 ML	10	10	COLILERT-18	08/01/2022 14:00	08/02/2022 15:36	DV
ENTEROCOCCI	121	#/100 ML	10	10	ENTEROLERT	08/01/2022 14:00	08/02/2022 15:36	DV

Submission Number: 22080004
Sample Number: 003
Sample Description: G5SW0170

Sample Date: 08/01/2022
Sample Time: 11:20
Sample Method: Grab

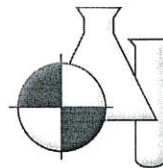
Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
ENTEROCOCCI	1187	#/100 ML	10	10	ENTEROLERT	08/01/2022 14:00	08/02/2022 15:36	DV

Submission Number: 22080004
Sample Number: 004
Sample Description: G5SW0169

Sample Date: 08/01/2022
Sample Time: 11:35
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
ENTEROCOCCI	359	#/100 ML	10	10	ENTEROLERT	08/01/2022 14:00	08/02/2022 15:36	DV

BENCHMARK



EnviroAnalytical, Inc.

NELAP Certification #E84167

Submission Number: 22080004
Sample Number: 005
Sample Description: G5SW0134

Sample Date: 08/01/2022
Sample Time: 10:45
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
ENTEROCOCCI	74	#/100 ML	10	10	ENTEROLERT	08/01/2022 14:00	08/02/2022 15:36	DV

Dale D. Dixon / Laboratory Director

08/16/2022

Date

Tülay Tanrisever / Kara Peterson - 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 Enterococci sample. 3 (1mL, 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# C00EF5

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

Invoice to: FDEP Micro Overflow

Project Name: ~~RQ-2021~~ RQ-2022-07-18-25

Laboratory Submission #

2080004

Sample Name	Sample Type / Sample Matrix ²	Collection		Container		Preservative ⁴	Parameters for Analysis	Laboratory Sample #
		Date	Time	Qty	Type ³			
G1SW0109	SW	8/1/22	945	2	P	Plain (on Ice)	Enteroto and Fecal Col.	1
G1SW0099	SW	↓	1000	2	P	Plain (on Ice)	Enteroto and Fecal Col.	2
G5SW0170	SW	↓	1120	1	P	Plain (on Ice)	Enteroto	3
G5SW0169	SW	↓	1135	1	P	Plain (on Ice)	Enteroto	4
G5SW0134	SW	↓	1045	1	P	Plain (on Ice)	Enteroto	5
	SW				P	Plain (on Ice)		
	SW				P	Plain (on Ice)		

Laboratory Sample Acceptability:
Temperature: 0.6°C

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 (SEDIMENT), or sludge (SLUDGE).
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 is being preserved in a preservative (P) or not (N). The temperature during storage should be less than or equal to 6°C (42°F).

Instructions:
1. Each bottle has a label identifying sample ID, 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, sample'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 attach a copy of the sampling event on the sample analysis form.

1	Collected / Relinquished By: <i>[Signature]</i>	Date: 8/1/22	Time	Received By: <i>[Signature]</i>	Date: 8-1-22	Time: 1327
2	Relinquished By:	Date:	Time	Received By:	Date:	Time