

ANALYTICAL TEST REPORT

THESE RESULTS MEET NELAP STANDARDS

Submission Number : 22061100



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

Project Name : RQ-2022-06-20-03

Date Received : 06/20/2022

Time Received : 1252

Erica Peck

Submission Number: 22061100
Sample Number: 001
Sample Description: G2SW0112

Sample Date: 06/20/2022
Sample Time: 1000
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
E- COLI BY IDEXX QUANTITRAY	148	#/100 ML	10	10	SM9223B	06/20/2022 15:20	06/21/2022 16:36	LG

Submission Number: 22061100
Sample Number: 002
Sample Description: G2SW0139

Sample Date: 06/20/2022
Sample Time: 1030
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
ENTEROCOCCI	1106	#/100 ML	10	10	ENTEROLERT	06/20/2022 15:05	06/21/2022 15:27	LG

Submission Number: 22061100
Sample Number: 003
Sample Description: G2SW0102

Sample Date: 06/20/2022
Sample Time: 1040
Sample Method: Grab

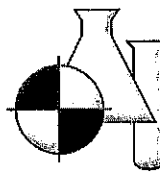
Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
ENTEROCOCCI	185	#/100 ML	10	10	ENTEROLERT	06/20/2022 15:05	06/21/2022 15:27	LG

Submission Number: 22061100
Sample Number: 004
Sample Description: G1SW0120

Sample Date: 06/20/2022
Sample Time: 1110
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
ENTEROCOCCI	1317 C	#/100 ML	10	10	ENTEROLERT	06/20/2022 15:05	06/21/2022 15:27	LG
FECAL COLIFORM	80	#/100 ML	1	1	SM9222D	06/20/2022 15:30	06/21/2022 14:15	LG
E- COLI BY IDEXX QUANTITRAY	1248	#/100 ML	10	10	SM9223B	06/20/2022 15:20	06/21/2022 15:36	LG

BENCHMARK



EnviroAnalytical, Inc.

NELAP Certification #E84167

Submission Number: 22061100
Sample Number: 005
Sample Description: G1SW0122

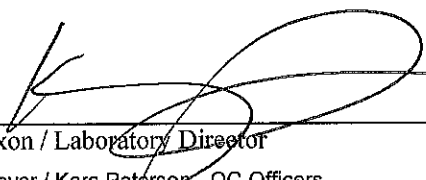
Sample Date: 06/20/2022
Sample Time: 1130
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
E- COLI BY IDEXX QUANTITRAY	197	#/100 ML	10	10	SM9223B	06/20/2022 15:20	06/21/2022 15:36	LG

Submission Number: 22061100
Sample Number: 006
Sample Description: G1SW0121

Sample Date: 06/20/2022
Sample Time: 1145
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
ENTEROCOCCI	3255	#/100 ML	10	10	ENTEROLERT	06/20/2022 15:05	06/21/2022 15:27	LG
FECAL COLIFORM	110	#/100 ML	1	1	SM9222D	06/20/2022 15:30	06/21/2022 14:15	LG
E- COLI BY IDEXX QUANTITRAY	160	#/100 ML	10	10	SM9223B	06/20/2022 15:20	06/21/2022 15:36	LG


Dale D. Dixon / Laboratory Director

07/20/2022

Date

Tülay Tannrisever / 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:

C = Field ID G1SW0120 was collected in marine water but the Colliert procedure doesn't list marine as an applicable water type.
1 (10 mL) dilution on each Enterococci and E. coli 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

PO# B77880

Client Information: **DEP: SW-DIST**

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-2022-06-20-03

Laboratory Submission # 22061100

Sample Name	Sample Type / Sample Matrix	Collection		Container			Preservative ⁴	Parameters for Analysis	Laboratory Sample #
		Date	Time	Qty	Capacity	Type ³			
Willow Creek G2SW0112	SW	6/20/22	1000	1	250mL	P	Plain (on Ice)	E. Coli ⁹	1
G2SW0139	SW	6/20/22	1030	1	250mL	P	Plain (on Ice)	Enterococci ⁹	2
G2SW0102	SW	6/20/22	1040	1	250mL	P	Plain (on Ice)	Enterococci ⁹	3
G1SW0120	SW	6/20/22	1110	1	250mL	P	Plain (on Ice)	E. Coli ⁹ , F. Coli ⁹ , Enterococci ⁹	4
G1SW0122	SW	6/20/22	1130	1	250mL	P	Plain (on Ice)	E. Coli ⁹	5
G1SW0121	SW	6/20/22	1145	3	250mL	P	Plain (on Ice)	E. Coli ⁹ , F. Coli ⁹ , Enterococci ⁹	6
	SW				250mL	P	Plain (on Ice)		

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), ground water (GW), surface water (SW), fresh surface water (FSW), saline surface water (SSW), soil, sediment (SD-MT), or sludge (SLDG).
3. "Container Type" is used to indicate whether the container is plastic (P) or glass (G).
4. Sample must be refrigerated or stored in wet ice after collection. The temperature during storage should be less than or equal to 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, preservative contained in the bottle, sample type, date ID, and parameters for analysis.
2. The following information should be added to each bottle label a few 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 use standard sampling events on the report quality form.

Laboratory Sample Acceptability:
Temperature: 0.9°C

1	Collected / Relinquished By: <u>[Signature]</u>	Date: <u>6/20/22</u>	Time: <u>1250</u>	Received By: <u>[Signature]</u>	<u>Nathan Hindsell</u>	Date: <u>6-20-22</u>	Time: <u>1250</u>
2	Relinquished By:	Date:	Time:	Received By:		Date:	Time:

P 06-20-22