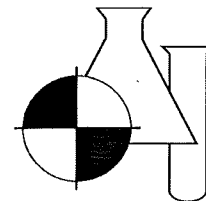


BENCHMARK

EnviroAnalytical Inc.



NELAC Certification #E84167

ANALYTICAL TEST REPORT

THESE RESULTS MEET NELAC STANDARDS

Submission Number : 19050392

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

Project Name : RQ-2019-05-06-08

Date Received : 05/08/2019

Time Received : 1340

Peter Wenner

Submission Number: 19050392
Sample Number: 001
Sample Description: G2SW0106

Sample Date: 05/08/2019
Sample Time: 1200
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
ENTEROCOCCI	120	#/100 ML	10	10	ENTEROLERT	05/08/2019 14:15	05/09/2019 14:26	KD

Submission Number: 19050392
Sample Number: 002
Sample Description: G2SW0107

Sample Date: 05/08/2019
Sample Time: 1100
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
E- COLI BY IDEXX QUANTITRAY	1664	#/100 ML	10	10	SM9223B	05/08/2019 14:28	05/09/2019 14:42	KD

Submission Number: 19050392
Sample Number: 003
Sample Description: G2SW0100

Sample Date: 05/08/2019
Sample Time: 0950
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
E- COLI BY IDEXX QUANTITRAY	98	#/100 ML	10	10	SM9223B	05/08/2019 14:28	05/09/2019 14:42	KD

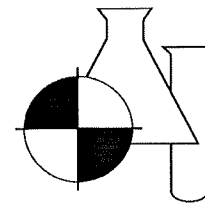
Submission Number: 19050392
Sample Number: 004
Sample Description: G2SW0040

Sample Date: 05/08/2019
Sample Time: 1220
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
ENTEROCOCCI	216	#/100 ML	10	10	ENTEROLERT	05/08/2019 14:15	05/09/2019 14:26	KD

BENCHMARK

EnviroAnalytical Inc.



NELAC Certification #E84167

Submission Number: 19050392
Sample Number: 005
Sample Description: G2SW0103

Sample Date: 05/08/2019
Sample Time: 1015
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
E- COLI BY IDEXX QUANTITRAY	657	#/100 ML	10	10	SM9223B	05/08/2019 14:28	05/09/2019 14:42	KD


Dale D. Dixon / Laboratory Director

05/17/2019

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.

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 (10ml) dilution was performed on each 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

RQ-2019-05-06-08

Project Name:

Client Information:	FDEP SW ROC
Address:	13051 N Telecom Pkwy Tampa FL 33637
Phone #	813-470-5700
Fax #	
Email	Judy.Ashton@dep.state.fl.us / DEPoverflow
Laboratory Submission #	19050392

Sample Name	Sample Type ¹ / Sample Matrix ²	Collection		Container			Preservative ⁴	Parameters for Analysis	Laboratory Sample #
		Date	Time	Qty	Capacity	Type ³	Lab Preserved ☐		
G2SW0106	G/SSW	05/08/2019	1200	1	250mL	P	Ice	Enterococcus	1
G2SW0107	G/SFW		1100	1		P		E Coli	2
G2SW0100	G/SFW		950	1		P		E Coli	3
G2SW0040	G/SSW		1220	1		P		Enterococcus	4
G2SW0103	G/SFW		1015	1		P		E Coli	5

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 (SDMNT), or sludge (SLDG).
³ "Container Type" is used to indicate whether the container is plastic (P) or glass (G).
⁴ "Preservative" list any preservatives that were added to the sample container.
 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).

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. The following information should be added to each bottle label after 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 note special sampling events on the sample custody form.

Laboratory Sample Acceptability:
 pH < 2: ☒ Temperature: 3.4°C

1	Collected By: Sarah Mayn	Date: 05/08/19	Time: 1220	Received By:	Date:	Time:
2	Relinquished By: Sarah Mayn	Date: 05/08/19	Time: 134	Received By: [Signature]	Date: 5/8/19	Time: 1340