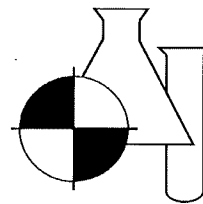


BENCHMARK

EnviroAnalytical Inc.



NELAC Certification #E84167

ANALYTICAL TEST REPORT

THESE RESULTS MEET NELAC STANDARDS

Submission Number : 19081564

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

Project Name : RQ-2019-08-26-06

Date Received : 08/29/2019

Time Received : 1340

Erica Peck

Submission Number:	19081564	Sample Date:	08/29/2019
Sample Number:	001	Sample Time:	1100
Sample Description:	G2SW0109	Sample Method:	Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
E- COLI BY IDEXX QUANTITRAY	295	#/100 ML	10	10	SM9223B	08/29/2019 14:12	08/30/2019 14:23	LG/ASA

Submission Number:	19081564	Sample Date:	08/29/2019
Sample Number:	002	Sample Time:	1130
Sample Description:	G2SW0031	Sample Method:	Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
E- COLI BY IDEXX QUANTITRAY	231	#/100 ML	10	10	SM9223B	08/29/2019 14:12	08/30/2019 14:23	LG/ASA

Submission Number:	19081564	Sample Date:	08/29/2019
Sample Number:	003	Sample Time:	1210
Sample Description:	G2SW0052	Sample Method:	Grab

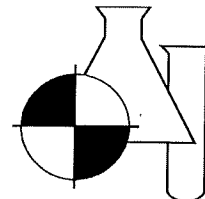
Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
ENTEROCOCCI	10	#/100 ML	10	10	ENTEROLERT	08/29/2019 14:22	08/30/2019 14:41	LG/ASA

Submission Number:	19081564	Sample Date:	08/29/2019
Sample Number:	004	Sample Time:	1210
Sample Description:	G2SW0052	Sample Method:	Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
FECAL COLIFORM	4	#/100 ML	1	1	SM9222D	08/29/2019 14:19	08/30/2019 13:04	KD

BENCHMARK

EnviroAnalytical Inc.



NELAC Certification #E84167

Submission Number: 19081564
Sample Number: 005
Sample Description: G3SW0052_DUP

Sample Date: 08/29/2019
Sample Time: 1215
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
ENTEROCOCCI	41	#/100 ML	10	10	ENTEROLERT	08/29/2019 14:22	08/30/2019 14:41	LG/ASA

Submission Number: 19081564
Sample Number: 006
Sample Description: G3SW0052_DUP

Sample Date: 08/29/2019
Sample Time: 1215
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
FECAL COLIFORM	5	#/100 ML	1	1	SM9222D	08/29/2019 14:19	08/30/2019 13:04	KD

09/04/2019

Dale D. Dixon / Laboratory Director

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:

A 10mL dilution was performed on all E.coli and Entero samples. A 10mL, 50mL, and 100mL dilution performed on Fecal samples. Fecal reported from 100mL dilution.

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# B578C6

Client Information: FDEP

Address: 13051 N. Telecom Parkway

Tampa FL 33604

Phone # 815-470-5772

Report to: Judy.ashton@dep.state.fl.us, DEP-Overflomicro@dep.state

Invoice to: FDEP Micro Overflow

Project Name: RQ- 2019-08-26-06

Laboratory Submission # 19081564

Sample Name	Sample Type ¹ / Sample Matrix ²	Collection		Container			Preservative ⁴	Parameters for Analysis	Laboratory Sample #
		Date	Time	Qty	Capacity	Type ³			
G25WD109 WARE'S CREEK FRESH @ 30 th AVE W.	SW	8-29-19	1100	1	250 ml 120ml	P	Plain (on Ice)	E. COLI	1.
G25W0031 WARE'S CREEK @ 36 th AVE	SW	8-29-19	1130	1	120ml	P	Plain (on Ice)	E. COLI	2.
G35W0052 LONGBOAT KEY @ BISHOPS BAYOU	SW	8-29-19	1210	1	120ml	P	Plain (on Ice)	ENTERO	3.
"	SW	8-29-19	1210	1	120ml	P	Plain (on Ice)	FECAL	4.
G35W0052 - DUP LONGBOAT @ BISHOPS BAYOU	SW	8-29-19	1215	1	120ml	P	Plain (on Ice)	ENTERO	5.
"	SW	8-29-19	1215	1	120ml	P	Plain (on Ice)	FECAL	6.
	SW				120ml	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), 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 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, 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:

Temperature: 0.2°C

1	Collected / Relinquished By: <u>Judy Ashton</u>	Date <u>8-29-19</u>	Time <u>1220</u>	Received By:	Date	Time
2	Relinquished By: <u>Judy Ashton</u>	Date <u>8-29-19</u>	Time <u>1340</u>	Received By: <u>[Signature]</u>	Date <u>8-29-19</u>	Time <u>1340</u>