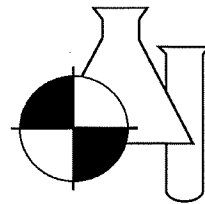


BENCHMARK

EnviroAnalytical Inc.



NELAC Certification #E84167

ANALYTICAL TEST REPORT

THESE RESULTS MEET NELAC STANDARDS

Submission Number : 20021270

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

Project Name : RQ-2020-02-24-08

Date Received : 02/24/2020

Time Received : 1522

Erica Peck

Submission Number: 20021270 Sample Date: 02/24/2020
Sample Number: 001 Sample Time: 1035
Sample Description: G3SW0068 Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
ENTEROCOCCI	197	#/100 ML	10	10	ENTEROLERT	02/24/2020 15:51	02/25/2020 16:09	LG/KD

Submission Number: 20021270 Sample Date: 02/24/2020
Sample Number: 002 Sample Time: 1020
Sample Description: G3SW0069 Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
ENTEROCOCCI	119	#/100 ML	10	10	ENTEROLERT	02/24/2020 15:51	02/25/2020 16:09	LG/KD

Submission Number: 20021270 Sample Date: 02/24/2020
Sample Number: 003 Sample Time: 1010
Sample Description: G3SW0070 Sample Method: Grab

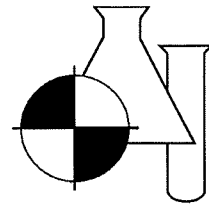
Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
ENTEROCOCCI	85	#/100 ML	10	10	ENTEROLERT	02/24/2020 15:51	02/25/2020 16:09	LG/KD

Submission Number: 20021270 Sample Date: 02/24/2020
Sample Number: 004 Sample Time: 1100
Sample Description: G3SW0062 Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
ENTEROCOCCI	171	#/100 ML	10	10	ENTEROLERT	02/24/2020 15:51	02/25/2020 16:09	LG/KD

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EnviroAnalytical Inc.



NELAC Certification #E84167

Submission Number: 20021270	Sample Date: 02/24/2020
Sample Number: 005	Sample Time: 1230
Sample Description: G3SW0065	Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
E- COLI BY IDEXX QUANTITRAY	684	#/100 ML	10	10	SM9223B	02/24/2020 16:07	02/25/2020 16:34	LG/KD

Submission Number: 20021270	Sample Date: 02/24/2020
Sample Number: 006	Sample Time: 1325
Sample Description: G3SW0061	Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
ENTEROCOCCI	31	#/100 ML	10	10	ENTEROLERT	02/24/2020 15:51	02/25/2020 16:09	LG/KD

Submission Number: 20021270	Sample Date: 02/24/2020
Sample Number: 007	Sample Time: 1200
Sample Description: G3SW0063	Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
ENTEROCOCCI	1100	#/100 ML	10	10	ENTEROLERT	02/24/2020 15:51	02/25/2020 16:09	LG/KD

Submission Number: 20021270	Sample Date: 02/24/2020
Sample Number: 008	Sample Time: 1150
Sample Description: G3SW0064	Sample Method: Grab

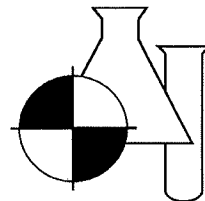
Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
ENTEROCOCCI	1317	#/100 ML	10	10	ENTEROLERT	02/24/2020 15:51	02/25/2020 16:09	LG/KD

Submission Number: 20021270	Sample Date: 02/24/2020
Sample Number: 009	Sample Time: 1130
Sample Description: G3SW0066	Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
E- COLI BY IDEXX QUANTITRAY	809	#/100 ML	10	10	SM9223B	02/24/2020 16:07	02/25/2020 16:34	LG/KD

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EnviroAnalytical Inc.



NELAC Certification #E84167

Submission Number: 20021270
Sample Number: 010
Sample Description: G3SW0067

Sample Date: 02/24/2020
Sample Time: 1120
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
E- COLI BY IDEXX QUANTITRAY	85	#/100 ML	10	10	SM9223B	02/24/2020 16:07	02/25/2020 16:34	LG/KD

 02/27/2020

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.

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.

Page 1

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-2020- 02-24-08

Laboratory Submission # 20021270

Sample Name	Sample Type ¹ / Sample Matrix ²	Collection		Container			Preservative ⁴	Parameters for Analysis	Laboratory Sample #
		Date	Time	Qty	Capacity	Type ³			
G3SW0068	SW	02/24/2020	10 35	1	120mL	P	Plain (on Ice)	Enter o	1
G3SW0069	SW	02/24/2020	10 20	1	120mL	P	Plain (on Ice)	Enter o	2
G3SW0070	SW	02/24/2020	10 10	1	120mL	P	Plain (on Ice)	Enter o	3
G3SW0062	SW	02/24/2020	11 00	1	120mL	P	Plain (on Ice)	Enter o	4
G3SW0065	SW	02/24/2020	12 30	1	120mL	P	Plain (on Ice)	E. Coli *	5
G3SW0061	SW	02/24/2020	13 25	1	120mL	P	Plain (on Ice)	Enter o	6
G3SW0060	SW				120mL	P	Plain (on Ice)	Enter o	

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, 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:
Temperature: 3.9°C

1	Collected / Relinquished By: <i>Sarah Meyer</i>	Date 2/24/20	Time 1322	Received By: <i>AJL</i>	Date 2-24-20	Time 15202
2	Relinquished By:	Date	Time	Received By:	Date	Time

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Laboratory Submission # 20021270

Sample Name	Sample Type ¹ / Sample Matrix ²	Collection		Container			Preservative ⁴	Parameters for Analysis	Laboratory Sample #
		Date	Time	Qty	Capacity	Type ³			
G3SW0063	SW	02/24/2020	1200	1	120mL	P	Plain (on Ice)	Enteroc	7
G3SW0064	SW	02/24/2020	1150	1	120mL	P	Plain (on Ice)	Enteroc	8
G3SW0066	SW	02/24/2020	1130	1	120mL	P	Plain (on Ice)	Ecoli *	9
G3SW0067	SW	02/24/2020	1120	1	120mL	P	Plain (on Ice)	E Coli *	10
	SW				120mL	P	Plain (on Ice)		
	SW				120mL	P	Plain (on Ice)		
	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).
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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: 39°C

1	Collected / Relinquished By: <u>Sarah Meyer</u>	Date: <u>2/24/20</u>	Time: <u>1522</u>	Received By: <u>[Signature]</u>	Date: <u>2-24-20</u>	Time: <u>1522</u>
2	Relinquished By:	Date:	Time:	Received By:	Date:	Time: