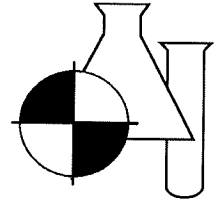


BENCHMARK

EnviroAnalytical Inc.



NELAC Certification #E84167

ANALYTICAL TEST REPORT

THESE RESULTS MEET NELAC STANDARDS

Submission Number : 19101432

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

Project Name : RQ-2019-11-04-16

Date Received : 10/28/2019

Time Received : 1423

Erica Peck

Submission Number: 19101432 Sample Date: 10/28/2019
Sample Number: 001 Sample Time: 1120
Sample Description: G2SW0015 Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
E- COLI BY IDEXX QUANTITRAY	369	#/100 ML	10	10	SM9223B	10/28/2019 15:03	10/29/2019 15:49	KD

Submission Number: 19101432 Sample Date: 10/28/2019
Sample Number: 002 Sample Time: 1155
Sample Description: G2SW0044 Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
E- COLI BY IDEXX QUANTITRAY	75	#/100 ML	10	10	SM9223B	10/28/2019 15:03	10/29/2019 15:49	KD

Submission Number: 19101432 Sample Date: 10/28/2019
Sample Number: 003 Sample Time: 1220
Sample Description: G2SW0110 Sample Method: Grab

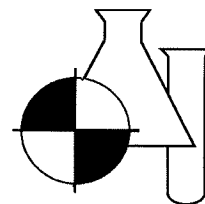
Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
E- COLI BY IDEXX QUANTITRAY	556	#/100 ML	10	10	SM9223B	10/28/2019 15:03	10/29/2019 15:49	KD

Submission Number: 19101432 Sample Date: 10/28/2019
Sample Number: 004 Sample Time: 1225
Sample Description: G2SW0110_DUP Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
E- COLI BY IDEXX QUANTITRAY	393	#/100 ML	10	10	SM9223B	10/28/2019 15:03	10/29/2019 15:49	KD

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Submission Number: 19101432 Sample Date: 10/28/2019
Sample Number: 005 Sample Time: 1230
Sample Description: Blank Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
E- COLI BY IDEXX QUANTITRAY	10 U	#/100 ML	10	10	SM9223B	10/28/2019 15:03	10/29/2019 15:49	KD

Submission Number: 19101432 Sample Date: 10/28/2019
Sample Number: 006 Sample Time: 1255
Sample Description: G2SW0017 Sample Method: Grab

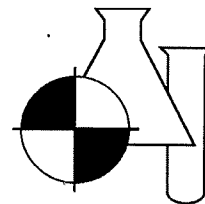
Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
E- COLI BY IDEXX QUANTITRAY	19863	#/100 ML	10	10	SM9223B	10/28/2019 15:03	10/29/2019 15:49	KD

Submission Number: 19101432 Sample Date: 10/28/2019
Sample Number: 007 Sample Time: 1320
Sample Description: G2SW0018 Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
E- COLI BY IDEXX QUANTITRAY	754	#/100 ML	10	10	SM9223B	10/28/2019 15:03	10/29/2019 15:49	KD

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EnviroAnalytical Inc.



NELAC Certification #E84167

11/06/2019

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:

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

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- 2019-11-04-16

Laboratory Submission #

19101932

Sample Name	Sample Type ¹ / Sample Matrix ²	Collection		Container			Preservative ⁴	Parameters for Analysis	Laboratory Sample #
		Date	Time	Qty	Capacity	Type ³			
G2SW0015	SW	10/28/2019	1120	1	120mL	P	Plain (on Ice)	E Coli	1.
G2SW0044	SW	10/28/2019	1155	1	120mL	P	Plain (on Ice)	E Coli	2.
G2SW0110	SW	10/28/2019	1220	1	120mL	P	Plain (on Ice)	E Coli	3.
G2SW0110 - DUP	SW	10/28/2019	1225	1	120mL	P	Plain (on Ice)	E Coli	4.
Blank	SW	10/28/2019	1230	1	120mL	P	Plain (on Ice)	E Coli	5.
G2SW0017	SW	10/28/2019	1255	1	120mL	P	Plain (on Ice)	E Coli	6.
G2SW0018	SW	10/28/2019	1320	1	120mL	P	Plain (on Ice)	E Coli	7.

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: 3.2°C

1	Collected / Relinquished By: <u>Sarah Meyer</u>	Date 10/28/2019	Time 1423	Received By: <u>[Signature]</u>	Date 10-28-19	Time 1423
2	Relinquished By:	Date	Time	Received By:	Date	Time