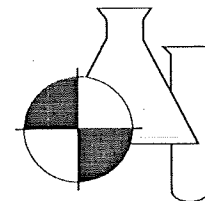


BENCHMARK

EnviroAnalytical Inc.



NELAC Certification #E84167

ANALYTICAL TEST REPORT

THESE RESULTS MEET NELAC STANDARDS

Submission Number : 19061315

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

Project Name : RQ-2019-06-24-03

Date Received : 06/26/2019

Time Received : 1240

Peter Wenner

Submission Number: 19061315
Sample Number: 001
Sample Description: G2SW0044

Sample Date: 06/26/2019
Sample Time: 1025
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
E- COLI BY IDEXX QUANTITRAY	10	#/100 ML	10	10	SM9223B	06/26/2019 13:20	06/27/2019 14:01	KD

Submission Number: 19061315
Sample Number: 002
Sample Description: G2SW0015

Sample Date: 06/26/2019
Sample Time: 1040
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
E- COLI BY IDEXX QUANTITRAY	97	#/100 ML	10	10	SM9223B	06/26/2019 13:20	06/27/2019 14:01	KD

Submission Number: 19061315
Sample Number: 003
Sample Description: G2SW0018

Sample Date: 06/26/2019
Sample Time: 1105
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
E- COLI BY IDEXX QUANTITRAY	512	#/100 ML	10	10	SM9223B	06/26/2019 13:20	06/27/2019 14:01	KD

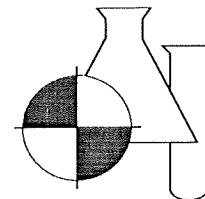
Submission Number: 19061315
Sample Number: 004
Sample Description: G2SW0030

Sample Date: 06/26/2019
Sample Time: 1205
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
E- COLI BY IDEXX QUANTITRAY	528	#/100 ML	10	10	SM9223B	06/26/2019 13:20	06/27/2019 14:01	KD

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Submission Number: 19061315
Sample Number: 005
Sample Description: G2SW0110

Sample Date: 06/26/2019
Sample Time: 1135
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
E- COLI BY IDEXX QUANTITRAY	487	##/100 ML	10	10	SM9223B	06/26/2019 13:20	06/27/2019 14:01	KD

Submission Number: 19061315
Sample Number: 006
Sample Description: FB 06262019

Sample Date: 06/26/2019
Sample Time: 1150
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	06/26/2019 13:20	06/27/2019 14:01	KD

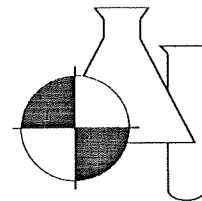
Submission Number: 19061315
Sample Number: 007
Sample Description: G2SW0110_DUP

Sample Date: 06/26/2019
Sample Time: 1140
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
E- COLI BY IDEXX QUANTITRAY	537	##/100 ML	10	10	SM9223B	06/26/2019 13:20	06/27/2019 14:01	KD

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EnviroAnalytical Inc.



NELAC Certification #E84167

07/02/2019

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.

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

PO# B35040

RD-2019-06-24-03

Project Name:

Client Information:	FDEP	
Address:	13051 N. TELECOM PKWY	
	TAMPA, FL 33604	33637
Phone #	813-470-5772	
Fax #		
Email	judy.gshen@dep.state.fl.us, DEP WORKED MICRO	
Laboratory Submission #.	140 6 1315	

Sample Name	Sample Type ¹ / Sample Matrix ²	Collection		Container			Preservative ⁴ Lab Preserved ☐	Parameters for Analysis	Laboratory Sample #
		Date	Time	Qty	Capacity	Type ³			
G2SW0044 BRADEN RIVER @ CYPRESS BEACH PARK	SW	06/26/2019	10 25	1	120ML	P	ICE	E. COLI	1.
G2SW0015 NONSENSE @ TARA PRESERVE	"	06/26/2019	10 40	"	"	"	"	E. COLI	2.
G2SW0018 CEDAR CREEK @ SADDLEHORN	"	06/26/2019	11 05	"	"	"	"	E. COLI	3.
G2SW0017 LINDEN RATTLESNAKE SLOUGH @ 74TH	"			"	"	"	"	E. COLI	4.
G2SW0030 GAP CREEK @ 45TH ST.	"	06/26/2019	12 05	"	"	"	"	E. COLI	4.
G2SW0110 GAP CREEK @ 37TH ST. E.	"	06/26/2019	11 35	"	"	"	"	E. COLI	5.
FB 06262019 FIELD BLANK	"	06/26/2019	11 50	"	"	"	"	E. COLI	6.

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.

1	Collected By: Sarah Meyer	Date: 06/26/19	Time: 1205	Received By:	Date:	Time:
2	Relinquished By: Sarah Meyer	Date: 06/26/19	Time: 1239	Received By: [Signature]	Date: 6-26-19	Time: 1240

Laboratory Sample Acceptability:

pH < 7 Temperature: 5.8°C

Benchmark EnviroAnalytical, Inc
 1711 12th Street East
 Palmetto, FL 34221
 941-723-9986
 941-723-6061 Fax

Client Information:	
Address:	
Phone #	
Fax #	
Email	
Laboratory Submission #	19061315

Project Name:

Sample Name	Sample Type ¹ / Sample Matrix ²	Collection		Container			Preservative ⁴ Lab Preserved ☐	Parameters for Analysis	Laboratory Sample #
		Date	Time	Qty	Capacity	Type ³			
GZSWD11D-DUP GAP CREEK @ 37 th ST. E.	SW	06/26/2019	11 40	1	120ML	P	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:
 pH < 2 : ☒ Temperature: 5.8°C

1. Collected By:	<i>Senah Meyer</i>	Date	06/26/19	Time	1205	Received By:		Date		Time	
2. Relinquished By:	<i>Senah Meyer</i>	Date	06/26/19	Time	1239	Received By:	<i>RAH</i>	Date	6-26-19	Time	1240