

ANALYTICAL TEST REPORT

THESE RESULTS MEET NELAP STANDARDS

Submission Number : 23101123

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

Project Name : RQ-2023-10-23-24

Date Received : 10/23/2023

Time Received : 13:12

Erica Peck

Submission Number: 23101123 Sample Date: 10/23/2023
Sample Number: 001 Sample Time: 10:15
Sample Description: G2SW0153 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	10/23/2023 14:12	10/24/2023 14:32	NK/MS

Submission Number: 23101123 Sample Date: 10/23/2023
Sample Number: 002 Sample Time: 10:30
Sample Description: G2SW0101 Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
E- COLI BY IDEXX QUANTITRAY	1529	#/100 ML	10	10	SM9223B	10/23/2023 14:12	10/24/2023 14:32	NK/MS

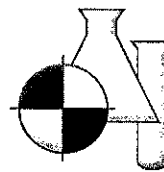
Submission Number: 23101123 Sample Date: 10/23/2023
Sample Number: 003 Sample Time: 11:00
Sample Description: G2SW0023 Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
E- COLI BY IDEXX QUANTITRAY	613	#/100 ML	10	10	SM9223B	10/23/2023 14:12	10/24/2023 14:32	NK/MS

Submission Number: 23101123 Sample Date: 10/23/2023
Sample Number: 004 Sample Time: 11:50
Sample Description: G2SW0103 Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
E- COLI BY IDEXX QUANTITRAY	435	#/100 ML	10	10	SM9223B	10/23/2023 14:12	10/24/2023 14:32	NK/MS

BENCHMARK



EnviroAnalytical, Inc.

NELAP Certification #E84167

Submission Number: 23101123
Sample Number: 005
Sample Description: G2SW0119

Sample Date: 10/23/2023
Sample Time: 12:20
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Preparation Date/Time	Analysis Date/Time	Analyst
ENTEROCOCCI	31	#/100 ML	10	10	ENTEROLERT	10/23/2023 14:06	10/24/2023 14:13	NK

Haley Rin

10/30/2023

Date

Dr. Dale D. Dixon Laboratory Director

Haley Richardson QC Manager / Kathleen Gauthier QC Officer

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 (10 mL) dilution on each Enterococci and E. coli 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

Client Information: FDEP

Address: 13051 N. Telecom Parkway
Tampa FL 33604
Phone # 815-470-5878

PO# C1EFCB

Report to: benjamin.paswater@dep.state.fl.us
DEP-Overflomicro@dep.state.fl.us

Invoice to: FDDEP Micro Overflow

Project Name: RQ-2023-10.23.24

Laboratory Submission #

Sample Name	Sample Type ¹ / Sample Matrix ²	Collection		Container		Preservative ⁴	Parameters for Analysis	Laboratory Sample #	
		Date	Time	Qty	Capacity				Type ³
G2SWØ153	SW	23oct23	1015	1	250mL	P	E. coli	1	
G2SWØ1Ø1	SW	23oct23	1030	1	250mL	P	E. coli	2	
G2SWØØ23	SW	23oct23	1100	1	250mL	P	E. coli	3	
G2SWØ1Ø3	SW	23oct23	1150	1	250mL	P	E. coli	4	
G2SWØ119	SW	23oct23	1220	1	250mL	P	ENTERPO	5	
	SW				250mL	P			
	SW				250mL	P			

"Sample Type" is used to indicate whether the sample was a grab (G) or whether it was a composite (C).
 "Sample Matrix" is used to indicate whether the sample is being discoloured to drinking water (DW), groundwater (GW), surface water (SW), fresh surface water (FSW), saline surface water (SSW), soil, sediment (SDMNT), or sludge (SLDG).

Laboratory Sample Acceptability:

Temperature: 0.7°C

Instructions: Under "Preservative," list any preservatives that were added to the sample container. Each bottle has a label identifying sample ID, premeasured preservative contained in the bottle, sample type, client ID, and parameters for analysis.

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. THE CHAIRMAN	2. PRESIDENT	3. VICE PRESIDENT	4. SECRETARY	5. TREASURER	6. CLERK	7. CHIEF OF POLICE	8. CHIEF OF FIRE DEPARTMENT	9. CHIEF OF HEALTH DEPARTMENT	10. CHIEF OF EDUCATION DEPARTMENT	11. CHIEF OF SOCIAL WELFARE DEPARTMENT	12. CHIEF OF PUBLIC WORKS DEPARTMENT	13. CHIEF OF TRANSPORTATION DEPARTMENT	14. CHIEF OF AGRICULTURE DEPARTMENT	15. CHIEF OF MINING DEPARTMENT	16. CHIEF OF COMMERCE DEPARTMENT	17. CHIEF OF FINANCE DEPARTMENT	18. CHIEF OF JUSTICE DEPARTMENT	19. CHIEF OF MILITARY DEPARTMENT	20. CHIEF OF NAVAL DEPARTMENT	21. CHIEF OF AIR FORCE DEPARTMENT	22. CHIEF OF SPACE DEPARTMENT	23. CHIEF OF ENERGY DEPARTMENT	24. CHIEF OF ENVIRONMENTAL DEPARTMENT	25. CHIEF OF CULTURE DEPARTMENT	26. CHIEF OF RELIGION DEPARTMENT	27. CHIEF OF SCIENCE DEPARTMENT	28. CHIEF OF TECHNOLOGY DEPARTMENT	29. CHIEF OF INFORMATION DEPARTMENT	30. CHIEF OF COMMUNICATIONS DEPARTMENT	31. CHIEF OF MEDIA DEPARTMENT	32. CHIEF OF ARTS DEPARTMENT	33. CHIEF OF SPORTS DEPARTMENT	34. CHIEF OF RECREATION DEPARTMENT	35. CHIEF OF TOURISM DEPARTMENT	36. CHIEF OF CONSUMER AFFAIRS DEPARTMENT	37. CHIEF OF LABOR RELATIONS DEPARTMENT	38. CHIEF OF EMPLOYMENT DEPARTMENT	39. CHIEF OF SOCIAL SECURITY DEPARTMENT	40. CHIEF OF MEDICAL DEPARTMENT	41. CHIEF OF NURSING DEPARTMENT	42. CHIEF OF DENTAL DEPARTMENT	43. CHIEF OF OPTICAL DEPARTMENT	44. CHIEF OF PHARMACEUTICAL DEPARTMENT	45. CHIEF OF FOOD AND DRUG ADMINISTRATION DEPARTMENT	46. CHIEF OF AGRICULTURAL DEPARTMENT	47. CHIEF OF FORESTRY DEPARTMENT	48. CHIEF OF FISHERY DEPARTMENT	49. CHIEF OF MINING DEPARTMENT	50. CHIEF OF COMMERCE DEPARTMENT	51. CHIEF OF FINANCE DEPARTMENT	52. CHIEF OF JUSTICE DEPARTMENT	53. CHIEF OF MILITARY DEPARTMENT	54. CHIEF OF NAVAL DEPARTMENT	55. CHIEF OF AIR FORCE DEPARTMENT	56. CHIEF OF SPACE DEPARTMENT	57. CHIEF OF ENERGY DEPARTMENT	58. CHIEF OF ENVIRONMENTAL DEPARTMENT	59. CHIEF OF CULTURE DEPARTMENT	60. CHIEF OF RELIGION DEPARTMENT	61. CHIEF OF SCIENCE DEPARTMENT	62. CHIEF OF TECHNOLOGY DEPARTMENT	63. 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1	Collected / Relinquished By: _____	Date _____	Time _____
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1315

1518

[illegible]

2	Relinquished By:		Date	Time
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[illegible][illegible]

Ac 303