



DIVERSIFIED
ENVIRONMENTAL LABORATORIES, INC.

CHAIN OF CUSTODY RECORD

Project Number:
(Lab Use Only)

220908.05

3653 Regent Boulevard, Suite # 509
Jacksonville, FL 32224
P. (904) 807-9625 E. info@delillab.com
F. (904) 807-9627

Page 1 of 1

Company Name		Florida Department of Environmental Protection											
Address		8800 Baymeadows Way W Ste 100											
City	Jacksonville	State	FL										
		Zip	32256										
Attn.	Jeremy Parrish	Jeremy.M.Parrish@floridadep.gov											
Tel.		E-mail or Fax	DEP-Overflowmicro@dep.state.fl.us										
Project Name		SMP Moses Creek											
Project Number		RQ-2022-09-05-34											
Project Location													
Sampler Name/Signature		Katrien Villegas											
Transfer #	Sample # (Lab Use Only)	Sample Identification	Date Sampled	Time Sampled	Sample Matrix Code	Specific Cond. (Field)	Comp	Grab	E. Coli - Quantitray	Enterococci - Quantitray	Coliform, Fecal - MF 3 Dilutions	Parameters	Preservation Codes:
-1	607163	27010050	7/8/22	5:50	MP	494		✓	1				0. None 5. Na2S2O3 1. H2SO4 6. Crushed Ice (4C) 2. HNO3 7. C6H8O6 3. HCl 8. NH4Cl 4. NaOH 9. Other: (List)
-2	607164	65NE0004		1030		43100		✓	1				In Crushed Ice? Yes ☒ No ☐ Cooler Temp: 0.1 °C Sample Cont. Temp: 2.1 °C
-3	607165	65NE0584		1055		33400		✓	1				Turnaround Requested: X Standard (10 Business Days) Semi-Rush (3-5 Business Days) Rush (1-2 Business Days)
-4	607166	27010055		1150		36775		✓	1				Turnaround times are estimated & subject to change. Surcharges apply for all Rush samples.
-5													Billing Information: Invoice with Report Invoice to Accounting Req. #: P.O. #: C0319A
-6													
-7													
-8													
-9													
-0													
Special Instructions:		Transfer Numbers		Relinquished By		Date / Time		Received By		Date / Time			
		1-4				7/8/22 1328				09/08/22 1328			



Certification #E821059

Lab General Form 059, Rev. #1, Rev. Date: 02/07/22, Effective Date: 02/07/22.

Visit us online & order kits at: www.delillab.com

Project Login Form

DELI Project Number: 220908.05 Client Name: Florida Department of Environmental Protection
 Date Received: 9/8/22 Received by: JMD PLF Completed by: MTR

Courier/Shipper Information:

☒ Client ☐ DEL, Inc. ☐ Other (describe) _____

Type & Number of Shipping Containers:

#	Shipping Container Description	Crushed Ice	Cooler/Ice Temp. (°C)	Sample Cont. Temp. (°C)
1	<u>Cooler</u> Box Other:	<u>Yes</u> No	<u>0.1</u>	<u>2.1</u>
2	Cooler Box Other:	Yes No		
3	Cooler Box Other:	Yes No		

Note: If thermal preservation was used/required, pick a sample container from each cooler and use the IR gun to measure the sample temperature.

Therm Inv. #: 0421 IR Gun Inv. #: 0332

Other Information Checklist:

	YES	NO	NA
1 Were custody seals used for shipping containers(s)?	☐	☒	☐
2 If Yes, were the custody seals intact? If no, see comments below.	☐	☐	☒
3 Were custody seals used for sample containers(s)?	☐	☒	☐
4 If Yes, were the custody seals intact? If no, see comments below.	☐	☐	☒
5 Did custody papers accompany samples? (such as COC, specifics, etc.)	☒	☐	☐
6 Were the custody papers properly filled out?	☒	☐	☐
7 Were the sample containers received in good condition? (If no, see comments)	☒	☐	☐
8 Were the sample container labels properly filled out? (date, time, preservation, etc.)	☒	☐	☐
9 Were the labels on the sample containers and custody papers consistent?	☒	☐	☐
10 Were the samples in the correct containers for analysis?	☒	☐	☐
11 Were the correct preservations used for each sample container according to analysis?	☒	☐	☐
12 Were the samples received within the appropriate holding times?	☒	☐	☐
13 Were pH preservation checks made?	☐	☐	☒
14 Were the sample containers provided by DEL, Inc.?	☐	☒	☐
15 Was this a sample kit provided by DEL, Inc.? If Yes, DEL, Inc. Kit #: <u>NA</u>	☐	☐	☒
16 Were the VOA vials free of headspace? (No bubbles present)	☐	☐	☒

Are the samples acceptable for analysis? Yes If yes, proceed with login. If no, notify client immediately and list rejection reasons in comments area below. Also, please take any needed further action for rejected sample(s).

Container Preservation Check:

Note: VOA vials will not be checked for pH at sample login. The testing laboratory will perform that check during analysis. The pH of microbiological samples will not be checked, due to the risk of contamination. The pH of Oil & Grease samples will not be checked during sample login, due to the potential loss of product. If adding a preservative to a sample after receiving it at the laboratory, the date and time the preservative was added must be documented below.

DELI Sample #	Parameters	Cooler/ Container #	pH upon receipt	Preservative added after pH check?	If Yes, which preservative was added? (Incl. Vol.)	Preservative Lot #	New pH value	Sample container size & type?
<u>60763</u>	<u>E. Coli - QT</u>	<u>1</u>	<u>-</u>	<u>Yes / No</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>250 mlp</u>
<u>60764</u>	<u>Enterococci - QT, FC</u>	<u>1</u>	<u>-</u>	<u>Yes / No</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>(2) 250 mlp</u>
<u>60765</u>	<u>Enterococci - QT, FC</u>	<u>1</u>	<u>-</u>	<u>Yes / No</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>(2) 250 mlp</u>
<u>60766</u>	<u>Enterococci - QT</u>	<u>1</u>	<u>-</u>	<u>Yes / No</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>250 mlp</u>
				<u>Yes / No</u>				
				<u>Yes / No</u>				
				<u>Yes / No</u>				
				<u>Yes / No</u>				
				<u>Yes / No</u>				

P = Plastic; G = Glass; AG = Amber Glass; TL = Teflon Lid; WM = Wide Mouth

☐ Sample preservation added upon receiving

Date: _____ Time: _____

Comments:



September 13, 2022

Florida Department of Environmental Protection
8800 Baymeadows Way West
Jacksonville, FL 32256

Re: DELI Project Number: **220908.05**
Client PO Number: **C0319A**
Client Project Description: **SMP Moses Creek; RQ-2022-09-05-34**

Enclosed is the report of laboratory analysis for the following sample(s):

Sample Number	Sample Description	Date/Time Collected	Date/Time Received
60763	27010050	09/08/2022 09:50	09/08/2022 13:28
60764	G5NE0004	09/08/2022 10:30	09/08/2022 13:28
60765	G5NE0589	09/08/2022 10:55	09/08/2022 13:28
60766	27010055	09/08/2022 11:50	09/08/2022 13:28

If you have any questions or comments concerning this laboratory report, please do not hesitate to contact us.

Sincerely,

Franklin A. Risk, Jr.
Laboratory Director

Enclosures

This laboratory report consists of a cover page, case narrative page and report page. There may be multiple pages of each. The pages are numbered accordingly. The report may also contain chain of custody forms, project log in forms, QA/QC reports and client worksheets if applicable. The results herein relate only to the items tested or to the samples as received by the laboratory. The report shall not be reproduced except in full, without the written approval of the laboratory. All samples will be disposed of within 30 days of receipt, unless a written request to retain the samples longer is received. All samples referenced in this laboratory report are considered to be environmental samples. The case narrative will contain comments and or notes regarding the samples and analyses.

Cover Page 1 of 1

NELAP #E821059

Diversified Environmental Laboratories, Inc.
3653 Regent Boulevard
Suite 509
Jacksonville, FL 32224



Phone 904.807.9625
Fax 904.807.9627
Email info@delilab.com
Web www.delilab.com



Case Narrative

September 13, 2022

Florida Department of Environmental Protection

Re: DELI Project Number: 220908.05
Client Project Description: SMP Moses Creek; RQ-2022-09-05-34

Enclosed is the case narrative for the above referenced project:

Fecal Coliform:

-60764: The dilutions performed were 1:2, 1:10 and 1:100. The result is based on one dilution at 1:2. This was the only dilution to fall within the ideal colony count range for the method,

-60765: The dilutions performed were 1:2, 1:10 and 1:100. The result is based on one dilution at 1:10 for both the sample and the sample duplicate. This was the only dilution to fall within the ideal colony count range for the method. The result reported is an average of the sample and the sample duplicate.

Unless otherwise noted and where applicable:

These samples were received at the proper temperature and with the proper preservation. The samples were analyzed as received, unless otherwise noted. All results in the Quality Control section are labeled appropriately. All results meet the requirements of the NELAP standards, unless otherwise noted. Footnotes are given at the end of the report.

Narrative Page 1 of 1

NELAP #E821059

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3653 Regent Boulevard
Suite 509
Jacksonville, FL 32224



Phone 904.807.9625
Fax 904.807.9627
Email info@delilab.com
Web www.delilab.com



Report of Laboratory Analysis

Florida Department of Environmental Protection

Project Description

SMP Moses Creek; RQ-2022-09-05-34

DELI
Project Number

220908.05

Report Date: September 13, 2022

DELI Sample Number **60763**
Sample Description **27010050**

Matrix **Non Potable Water**
Date/Time Collected **09/08/2022 09:50**

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
E. Coli QT	SM9223B/QT	1336.5		MPN/100ml	1	1.0	1.0	09/08/2022 14:37	09/09/2022 14:49	MTR/DJV	09/08/2022 14:31





Report of Laboratory Analysis

Florida Department of Environmental Protection

Project Description

SMP Moses Creek; RQ-2022-09-05-34

DELI
Project Number

220908.05

Report Date: September 13, 2022

DELI Sample Number **60764**
Sample Description **G5NE0004**

Matrix **Non Potable Water**
Date/Time Collected **09/08/2022 10:30**

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
Enterococci QT	Enterolert QT	520.0		MPN/100ml	10	10.0	10.0	09/08/2022 15:03	09/09/2022 15:05	MTR/DJV	09/08/2022 14:48
Coliform, Fecal (MF)	SM 9222 D	118		CFU/100ml	2	2	2	09/08/2022 15:44	09/09/2022 15:45	DJV	09/08/2022 15:23





Report of Laboratory Analysis

Florida Department of Environmental Protection

Project Description

SMP Moses Creek; RQ-2022-09-05-34

DELI
Project Number

220908.05

Report Date: September 13, 2022

DELI Sample Number **60765**
Sample Description **G5NE0589**

Matrix
Date/Time Collected **Non Potable Water**
09/08/2022 10:55

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
Enterococci QT	Enterolert QT	934.0		MPN/100ml	10	10.0	10.0	09/08/2022 15:03	09/09/2022 15:05	MTR/DJV	09/08/2022 14:48
Coliform, Fecal (MF)	SM 9222 D	335	A	CFU/100ml	10	10	10	09/08/2022 15:44	09/09/2022 15:45	DJV	09/08/2022 15:23





Report of Laboratory Analysis

Florida Department of Environmental Protection

Project Description

SMP Moses Creek; RQ-2022-09-05-34

DELI
Project Number

220908.05

Report Date: September 13, 2022

DELI Sample Number **60766**

Sample Description **27010055**

Matrix

Non Potable Water

Date/Time Collected

09/08/2022 11:50

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
Enterococci QT	Enterolert QT	236.0		MPN/100ml	10	10.0	10.0	09/08/2022 15:03	09/09/2022 15:05	MTR/DJV	09/08/2022 14:48





Report of Laboratory Analysis

Florida Department of Environmental
Protection

Project Description

SMP Moses Creek; RQ-2022-09-05-34

DELI
Project Number

220908.05

Report Date: September 13, 2022

Footnotes

A	Value reported is the arithmetic mean (average) of two or more determinations.
DF	Dilution Factor
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MB	Method Blank
MDL	Method Detection Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not Detected/None Detected
PQL	Practical Quantification Limit
RPD	Relative Percent Deviation



Batch No: B24372

Associated Samples

60763

TestCode: Micro: E. Coli (Quanti-Tray) - SM9223B

Compound	Blank	LCS Spike	LCS %Rec	LCSD %Rec	RPD %	---QC Limits--- %RPD %Rec	MS Spike	MS %Rec	MSD %Rec	RPD %	---QC Limits--- %RPD %Rec	Sample Dup %RPD	--QC Limit-- %RPD	Qualifiers
Parent Sample Number												60763		
E. Coli QT	<1.0 U											32.4	80	

Batch No: B24375

Associated Samples

60764, 60765, 60766

TestCode: Micro: Enterococci (Quanti-Tray) - Enterolert

Compound	Blank	LCS Spike	LCS %Rec	LCSD %Rec	RPD %	---QC Limits--- %RPD %Rec	MS Spike	MS %Rec	MSD %Rec	RPD %	---QC Limits--- %RPD %Rec	Sample Dup %RPD	--QC Limit-- %RPD	Qualifiers
Parent Sample Number												60766		
Enterococci QT	<1.0 U											28.0	80	

Batch No: B24376

Associated Samples

60764, 60765

TestCode: Micro: Fecal Coliform (MF) - 9222D

Compound	Blank	LCS Spike	LCS %Rec	LCSD %Rec	RPD %	---QC Limits--- %RPD %Rec	MS Spike	MS %Rec	MSD %Rec	RPD %	---QC Limits--- %RPD %Rec	Sample Dup %RPD	--QC Limit-- %RPD	Qualifiers
Parent Sample Number												60765		
Coliform, Fecal (MF)	<1 U											20.9	78	
Parent Sample Number														
Coliform, Fecal (MF)	<1 U												78	

* Indicates value is outside control limits for %Recovery or greater than acceptance criteria for RPD

Footnotes

U Compound analyzed for, but not detected.

NELAP #E821059