



DIVERSIFIED
ENVIRONMENTAL LABORATORIES, INC.

CHAIN OF CUSTODY RECORD

Project Number: 231211.04
(Lab Use Only)

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 West														
City	Jacksonville	State	FL	Zip	32256											
Attn.		Dep-overflowmicro@dep.state.fl.us														
Tel.		E-mail or Fax														
Project Name		LSIR North SMP														
Project Number		2023-12-D4-30														
Project Location																
Sampler Name/Signature		Haylee Brown														
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:	Sample Kit or Container Lot #
1	67154	20030711	12/11/23	950	NPM	20.7		X	1							
2	67155	20030714		1020		1431		X								
3	67156	20030739		1110		132.9		X								
4	67157	62NE1208		1150		123.3		X	1							
5	67158	62NE1207		1210		621		X								
6																
7																
8																
9																
0																
Special Instructions:																
Transfer Numbers		Relinquished By		Date / Time		Received By		Date / Time								
1-5		Haylee Brown		12/11/23 1318		MORSE		12/11/23 13:18								

Turnaround times are estimated & subject to change. Surcharges apply for all Rush samples.

Turnaround Requested: ☒ Standard (10 Business Days) ☐ Semi-Rush (3-5 Business Days) ☐ Rush (1-2 Business Days)

Billing Information: ☐ Invoice with Report ☒ Invoice to Accounting

Req. #:

P.O. #: C1E35B

Preservation Codes:

0. None 5. Na2S2O3
1. H2SO4 6. Crushed Ice (4C)
2. HNO3 7. C6H8O6
3. HCl 8. NH4Cl
4. NaOH 9. Other: (List)

Thermal Preservation:

In Crushed Ice? ☒ Yes / ☐ No
Cooler Temp: NA °C
Sample Cont. Temp: 1.5 °C

Project Login Form

DELI Project Number: 231211.04 Client Name: Florida Department of Environmental Protection

Date Received: 12/11/23 Received by: MTB PLF Completed by: DJT

Courier/Shipper Information:

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

Type & Number of Shipping Containers:

#	Shipping Container Description	Crushed Ice	Sample Cont. Temp. (°C)
1	<u>Cooler</u> Box Other: _____	<u>Yes</u> No	<u>1.5</u>
2	Cooler Box Other: _____	Yes No	
3	Cooler Box Other: _____	Yes No	

Note: If thermal preservation was used/required, pick the first sample collected from each cooler and use the IR gun to measure the sample temperature.
IR Gun Inv. #: 0446

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 If "No" to 14 and these are Micro samples, was proper documentation provided to DEL, Inc.?	☒	☐	☐
16 Was this a sample kit provided by DEL, Inc.? If Yes, DEL, Inc. Kit #: <u>NA</u>	☐	☐	☒
17 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?
67154	E. Coli - QT	↓	-	Yes / <u>NO</u>	-	-	-	250mL
67155	Enterococci - QT	↓	-	Yes / <u>NO</u>	-	-	-	250mL
67157	E. Coli - QT	↓	-	Yes / <u>NO</u>	-	-	-	250mL
67158	Enterococci - QT	↓	-	Yes / <u>NO</u>	-	-	-	250mL
				Yes / No				
				Yes / No				
				Yes / No				
				Yes / No				
				Yes / No				
				Yes / No				

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

☐ Sample preservation added upon receiving

Date: _____ Time: _____

Comments:

* Sample container for sample 67156 stated E. Coli analysis, while the COC states Enterococci. Sample container for sample 67157 stated Enterococci, while the COC states E. Coli. The client was notified & the analysis requested on the COC was followed.



December 18, 2023

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

Re: DELI Project Number: **231211.04**
Client PO Number: **C1E35B**
Client Project Description: **LSJR North SMP; 2023-12-04-30**

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

Sample Number	Sample Description	Date/Time Collected	Date/Time Received
67154	20030011	12/11/2023 09:50	12/11/2023 13:18
67155	20030749	12/11/2023 10:20	12/11/2023 13:18
67156	20030739	12/11/2023 11:10	12/11/2023 13:18
67157	G2NE1208	12/11/2023 11:50	12/11/2023 13:18
67158	G2NE1207	12/11/2023 12:10	12/11/2023 13:18

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

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Case Narrative

December 18, 2023

Florida Department of Environmental Protection

Re: DELI Project Number: 231211.04
Client Project Description: LSJR North SMP; 2023-12-04-30

Enclosed is the case narrative for the above referenced project:

E.Coli:

DELI Sample 67154 : All Quanti-Tray wells were positive. Result may be higher than reported. All Quanti-Tray wells were positive in the Laboratory Duplicate. Laboratory Duplicate result is also >2419.6 MPN/100mL.

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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Report of Laboratory Analysis

Florida Department of Environmental
Protection

Project Description

LSJR North SMP; 2023-12-04-30

DELI
Project Number

231211.04

Report Date: December 18, 2023

DELI Sample Number 67154

Sample Description 20030011

Matrix

Non Potable Water

Date/Time Collected

12/11/2023 09:50

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
E. Coli QT	SM9223B/QT	>2419.6	J	MPN/100ml	1	1.0	1.0	12/11/2023 16:19	12/12/2023 10:19	DJT	12/11/2023 16:11





Report of Laboratory Analysis

Florida Department of Environmental
Protection

Project Description

LSJR North SMP; 2023-12-04-30

DELI
Project Number

231211.04

Report Date: December 18, 2023

DELI Sample Number 67155

Sample Description 20030749

Matrix

Non Potable Water

Date/Time Collected

12/11/2023 10:20

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
Enterococci QT	Enterolert QT	185.0		MPN/100ml	1	1.0	1.0	12/11/2023 16:05	12/12/2023 16:09	DJT	12/11/2023 15:57





Report of Laboratory Analysis

Florida Department of Environmental
Protection

Project Description

LSJR North SMP; 2023-12-04-30

DELI
Project Number

231211.04

Report Date: December 18, 2023

DELI Sample Number 67156

Sample Description 20030739

Matrix

Non Potable Water

Date/Time Collected

12/11/2023 11:10

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
Enterococci QT	Enterolert QT	2419.6		MPN/100ml	1	1.0	1.0	12/11/2023 16:05	12/12/2023 16:09	DJT	12/11/2023 15:57





Report of Laboratory Analysis

Florida Department of Environmental
Protection

Project Description

LSJR North SMP; 2023-12-04-30

DELI
Project Number

231211.04

Report Date: December 18, 2023

DELI Sample Number **67157**
Sample Description **G2NE1208**

Matrix **Non Potable Water**
Date/Time Collected **12/11/2023 11:50**

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
E. Coli QT	SM9223B/QT	1203.3		MPN/100ml	1	1.0	1.0	12/11/2023 16:19	12/12/2023 10:19	DJT	12/11/2023 16:11





Report of Laboratory Analysis

Florida Department of Environmental
Protection

Project Description

LSJR North SMP; 2023-12-04-30

DELI
Project Number

231211.04

Report Date: December 18, 2023

DELI Sample Number **67158**
Sample Description **G2NE1207**

Matrix **Non Potable Water**
Date/Time Collected **12/11/2023 12:10**

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
Enterococci QT	Enterolert QT	1326.8		MPN/100ml	1	1.0	1.0	12/11/2023 16:05	12/12/2023 16:09	DJT	12/11/2023 15:57





Report of Laboratory Analysis

Florida Department of Environmental
Protection

Project Description

LSJR North SMP; 2023-12-04-30

DELI
Project Number

231211.04

Report Date: December 18, 2023

Footnotes

DF	Dilution Factor
J	Estimated value; Value not accurate. See Case Narrative
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





Quality Control Data

Date Printed: December 18, 2023

QC Data for Project Number: 231211.04

Page QC-1 of 1

Batch No: B27062

Associated Samples

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

67155, 67156, 67158

Compound	Blank	LCS Spike	LCS %Rec	LCSD %Rec	RPD %	---QC Limits---		MS Spike	MS %Rec	MSD %Rec	RPD %	---QC Limits---		Sample Dup %RPD	--QC Limit-- %RPD	Qualifiers
Parent Sample Number														67158		
Enterococci QT	<1.0 U													61.2	198	

Batch No: B27070

Associated Samples

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

67154, 67157

Compound	Blank	LCS Spike	LCS %Rec	LCSD %Rec	RPD %	---QC Limits---		MS Spike	MS %Rec	MSD %Rec	RPD %	---QC Limits---		Sample Dup %RPD	--QC Limit-- %RPD	Qualifiers
Parent Sample Number														67154		
E. Coli QT	<1.0 U													0	105	

* 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

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