



DIVERSIFIED
ENVIRONMENTAL LABORATORIES, INC.

CHAIN OF CUSTODY RECORD

Project Number: **230105.07**
(Lab Use Only)

3653 Regent Boulevard, Suite # 509
Jacksonville, FL 32224
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Company Name		Florida Department of Environmental Protection			Container Information (Qty, Size, & Type)			Sample Matrix Codes:														
Address		8800 Baymeadows Way West			250 mL P			A. Air P. Petroleum														
City		Jacksonville			250 mL P			B. Bulk S. Soil/Sludge														
State		FL			250 mL P			W. Wipe O. Other														
Zip		32256						PW. Potable Water														
Attn.		Dep-overflowmicro@dep.state.fl.us			Container Preservation Codes			NPW. Non-Potable Water														
Tel.		E-mail or Fax						Sample Kit or Container Lot #														
Project Name		2023-01-02-41						NA														
Project Number					Parameters			Preservation Codes:														
Project Location		L51R Main						0. None 5. Na2SS2O3														
Sampler Name/Signature		Jeremy Parnish						1. H2SO4 6. Crushed Ice (4C)														
Transfer #		Sample Identification			Date Sampled			Time Sampled														
Sample #		Sample Matrix Code			Specific Cond. (Field)			Comp														
Grab		E. Coli - Quantitray			Enterococci - Quantitray			Coliform, Fecal - MF 3 Dilutions														
1		6a244			20030952			1/5/23			1005			MPW			375			X		
2		6a245			20030761			01/05/23			1025			MPW			475			X		
3		6a246			20030692			01/05/23			1125			MPW			709			X		
4		6a247			20030792			01/05/23			1145			MPW			456			X		
5		6a241			20030070			1/5/23														
6																						
7																						
8																						
9																						
0																						
Special Instructions:					Transfer Numbers			Relinquished By			Date / Time			Received By			Date / Time					
					1,2,4,5			m m			01/05/23 1314			[Signature]			01/05/23 1314					



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: 230105.07 Client Name: Florida Department of Environmental Protection
 Date Received: 01/05/23 Received by: JMD PLF Completed by: DIV

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	Cooler Box Other:	Yes No	0.0	1.1
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. #: 0441 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?
62244	Enterococci - QT	1	-	Yes / No	-	-	-	250mLP
62245	↓	↓	-	Yes / No	-	-	-	250mLP
62246	↓	↓	-	Yes / No	-	-	-	250mLP
62247	E. Coli - QT	↓	-	Yes / No	-	-	-	250mLP
				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:



January 10, 2023

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

Re: DELI Project Number: **230105.07**
Client PO Number: **C0E8B4**
Client Project Description: **2023-01-02-41; LSJR Main**

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

Sample Number	Sample Description	Date/Time Collected	Date/Time Received
62244	20030952	01/05/2023 10:05	01/05/2023 13:14
62245	20030761	01/05/2023 10:25	01/05/2023 13:14
62246	20030792	01/05/2023 11:25	01/05/2023 13:14
62247	20030070	01/05/2023 11:45	01/05/2023 13:14

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

January 10, 2023

Florida Department of Environmental Protection

Re: DELI Project Number: 230105.07
Client Project Description: 2023-01-02-41; LSJR Main

Enclosed is the case narrative for the above referenced project:

Enterococci:

DELI Sample 62244 : All Quanti-Tray wells were positive. Result may be higher than reported.

DELI Sample 62245 : All Quanti-Tray wells were positive. Result may be higher than reported.

DELI Sample 62246 : 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.

E.Coli:

DELI Sample 62247 : 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

2023-01-02-41; LSJR Main

DELI
Project Number

230105.07

Report Date: January 10, 2023

DELI Sample Number 62244

Sample Description 20030952

Matrix

Non Potable Water

Date/Time Collected

01/05/2023 10:05

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
Enterococci QT	Enterolert QT	>2419.6	J	MPN/100ml	1	1.0	1.0	01/05/2023 15:04	01/06/2023 15:14	MTR/DJV	01/05/2023 14:55





Report of Laboratory Analysis

Florida Department of Environmental Protection

Project Description

2023-01-02-41; LSJR Main

DELI
Project Number

230105.07

Report Date: January 10, 2023

DELI Sample Number **62245**
Sample Description **20030761**

Matrix **Non Potable Water**
Date/Time Collected **01/05/2023 10:25**

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
Enterococci QT	Enterolert QT	>2419.6	J	MPN/100ml	1	1.0	1.0	01/05/2023 15:04	01/06/2023 15:14	MTR/DJV	01/05/2023 14:55





Report of Laboratory Analysis

Florida Department of Environmental Protection

Project Description

2023-01-02-41; LSJR Main

DELI
Project Number

230105.07

Report Date: January 10, 2023

DELI Sample Number 62246

Sample Description 20030792

Matrix

Non Potable Water

Date/Time Collected

01/05/2023 11:25

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
Enterococci QT	Enterolert QT	>2419.6	J	MPN/100ml	1	1.0	1.0	01/05/2023 15:04	01/06/2023 15:14	MTR/DJV	01/05/2023 14:55





Report of Laboratory Analysis

Florida Department of Environmental Protection

Project Description

2023-01-02-41; LSJR Main

DELI
Project Number

230105.07

Report Date: January 10, 2023

DELI Sample Number 62247

Sample Description 20030070

Matrix

Non Potable Water

Date/Time Collected

01/05/2023 11:45

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	01/05/2023 15:14	01/06/2023 10:20	MTR/DJV	01/05/2023 15:08





Report of Laboratory Analysis

Florida Department of Environmental
Protection

Project Description

2023-01-02-41; LSJR Main

DELI
Project Number

230105.07

Report Date: January 10, 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



Batch No: B24919

Associated Samples

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

62247

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														62247		
E. Coli QT	<1.0 U													0	118	

Batch No: B24921

Associated Samples

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

62244, 62245, 62246

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														62246		
Enterococci QT	<1.0 U													0	161	

* 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