



DIVERSIFIED
ENVIRONMENTAL LABORATORIES, INC.

CHAIN OF CUSTODY RECORD

Project Number:
(Lab Use Only) 220825-04

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		Container Information (Qty, Size, & Type)		Sample Matrix Codes:											
Address		8800 Baymeadows Way W Ste 100		NPW		A. Air P. Petroleum B. Bulk S. Soil/Sludge W. Wipe O. Other PW. Potable Water NPW. Non-Potable Water											
City		Jacksonville		State		FL		Zip		32256							
Attn.		Jeremy Parrish		Jeremy.M.Parrish@floridadep.gov		Container Preservation Codes		Sample Kit or Container Lot #									
Tel.		E-mail or Fax		DEP-Overflownmicro@dep.state.fl.us		Parameters		Preservation Codes:									
Project Name		SW Palm Valley		6		6		6		NA							
Project Number		RQ-2022-07-25-08		E. Coli - Quantitray		Enterococci - Quantitray		Coliform, Fecal - MF 3 Dilutions		0. None 5. Na2S2O3 1. H2SO4 6. Crushed Ice (4C) 2. HNO3 7. C6H8O6 3. HCl 8. NH4Cl 4. NaOH 9. Other: (List)							
Project Location		Kathryn Villanueva		Thermal Preservation:		In Crushed Ice? Yes/No		Cooler Temp: 0.6 °C		Sample Cont. Temp: 5.1 °C							
Sampler Name/Signature		Kathryn Villanueva		Turnaround Requested:		X Standard (10 Business Days)		Semi-Rush (3-5 Business Days)		Rush (1-2 Business Days)							
Transfer #		Sample #		Sample Identification		Date Sampled		Time Sampled		Sample Matrix Code		Specific Cond. (Field)		Comp		Grab	
1		60620		G5NE0595		8/25/22 10:20 AM		10:55		43370		39340		✓		✓	
2		60621		27010019		10:55		11:05		43630		40480		✓		✓	
3		60622		G2ME05910		11:20		11:35		38140		35350		✓		✓	
4		60623		270101165		11:35		11:45		35350		35350		✓		✓	
5		60624		270100069		11:45		11:45		35350		35350		✓		✓	
6		60625		27010072		11:45		11:45		35350		35350		✓		✓	
7		60626		27010072		11:45		11:45		35350		35350		✓		✓	
8		60627		27010072		11:45		11:45		35350		35350		✓		✓	
9		60628		27010072		11:45		11:45		35350		35350		✓		✓	
0		60629		27010072		11:45		11:45		35350		35350		✓		✓	
Special Instructions:		Transfer Numbers		Relinquished By		Date / Time		Received By		Date / Time		Billing Information:		Invoice with Report		Invoice to Accounting	
1-6		8/25/22 12:55		8/25/22 12:55		8/25/22 12:55		8/25/22 12:55		8/25/22 12:55		P.O. #: CO319A		8/25/22 12:55		8/25/22 12:55	



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: 220825.04 Client Name: Florida Department of Environmental Protection

Date Received: 08/25/22 Received by: JMD PLF Completed by: DJV

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	0.6	3.1
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. #: 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?
60620	Enterococci QT	1	-	Yes / No	-	-	-	250mLP
60625	Fecal Coliform mE	↓	-	Yes / No	-	-	-	250mLP
				Yes / No				
				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:



August 30, 2022

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

Re: DELI Project Number: **220825.04**
Client PO Number: **C0319A**
Client Project Description: **SMP Palm Valley; RQ-2022-07-25-08**

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

Sample Number	Sample Description	Date/Time Collected	Date/Time Received
60620	G5NE0595	08/25/2022 10:20	08/25/2022 12:55
60621	27010019	08/25/2022 10:55	08/25/2022 12:55
60622	G2NE0596	08/25/2022 11:05	08/25/2022 12:55
60623	27010165	08/25/2022 11:20	08/25/2022 12:55
60624	27010069	08/25/2022 11:35	08/25/2022 12:55
60625	27010072	08/25/2022 11:45	08/25/2022 12:55

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

August 30, 2022

Florida Department of Environmental Protection

Re: DELI Project Number: 220825.04
Client Project Description: SMP Palm Valley; RQ-2022-07-25-08

Enclosed is the case narrative for the above referenced project:

Fecal Coliform:

- 60620: The dilutions performed were 1:2, 1:10, and 1:100. The result is based on one dilution at 1:10. This was the only dilution to fall within the ideal colony count range for the method.
- 60621: The dilutions performed were 1:2, 1:10, and 1:100. These results are based upon colony counts outside the ideal count range for the method
- 60622: The dilutions performed were 1:2, 1:10, and 1:100. These results are based upon colony counts outside the ideal count range for the method
- 60623: 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.
- 60624: 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.
- 60625: The dilutions performed were 1:2, 1:10, and 1:100. The result is based on one dilution at 1:2 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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Report of Laboratory Analysis

Florida Department of Environmental
Protection

Project Description

SMP Palm Valley; RQ-2022-07-25-08

DELI
Project Number

220825.04

Report Date: August 30, 2022

DELI Sample Number **60620**
Sample Description **G5NE0595**

Matrix **Non Potable Water**
Date/Time Collected **08/25/2022 10:20**

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
Enterococci QT	Enterolert QT	134.0		MPN/100ml	10	10.0	10.0	08/25/2022 15:01	08/26/2022 15:01	DJV/JMD	08/25/2022 14:44
Coliform, Fecal (MF)	SM 9222 D	280		CFU/100ml	10	10	10	08/25/2022 16:07	08/26/2022 16:07	DJV	08/25/2022 15:22





Report of Laboratory Analysis

Florida Department of Environmental
Protection

Project Description

SMP Palm Valley; RQ-2022-07-25-08

DELI
Project Number

220825.04

Report Date: August 30, 2022

DELI Sample Number **60621**
Sample Description **27010019**

Matrix **Non Potable Water**
Date/Time Collected **08/25/2022 10:55**

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
Enterococci QT	Enterolert QT	10.0		MPN/100ml	10	10.0	10.0	08/25/2022 15:01	08/26/2022 15:01	DJV/JMD	08/25/2022 14:44
Coliform, Fecal (MF)	SM 9222 D	3	B	CFU/100ml	2	2	2	08/25/2022 16:07	08/26/2022 16:07	DJV	08/25/2022 15:22





Report of Laboratory Analysis

Florida Department of Environmental
Protection

Project Description

SMP Palm Valley; RQ-2022-07-25-08

DELI
Project Number

220825.04

Report Date: August 30, 2022

DELI Sample Number **60622**
Sample Description **G2NE0596**

Matrix **Non Potable Water**
Date/Time Collected **08/25/2022 11:05**

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
Enterococci QT	Enterolert QT	<10.0	U	MPN/100ml	10	10.0	10.0	08/25/2022 15:01	08/26/2022 15:01	DJV/JMD	08/25/2022 14:44
Coliform, Fecal (MF)	SM 9222 D	7	B	CFU/100ml	2	2	2	08/25/2022 16:07	08/26/2022 16:07	DJV	08/25/2022 15:22





Report of Laboratory Analysis

Florida Department of Environmental
Protection

Project Description

SMP Palm Valley; RQ-2022-07-25-08

DELI
Project Number

220825.04

Report Date: August 30, 2022

DELI Sample Number **60623**
Sample Description **27010165**

Matrix **Non Potable Water**
Date/Time Collected **08/25/2022 11:20**

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
Enterococci QT	Enterolert QT	10.0		MPN/100ml	10	10.0	10.0	08/25/2022 15:01	08/26/2022 15:01	DJV/JMD	08/25/2022 14:44
Coliform, Fecal (MF)	SM 9222 D	84		CFU/100ml	2	2	2	08/25/2022 16:07	08/26/2022 16:07	DJV	08/25/2022 15:22





Report of Laboratory Analysis

Florida Department of Environmental
Protection

Project Description

SMP Palm Valley; RQ-2022-07-25-08

DELI
Project Number

220825.04

Report Date: August 30, 2022

DELI Sample Number **60624**
Sample Description **27010069**

Matrix **Non Potable Water**
Date/Time Collected **08/25/2022 11:35**

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
Enterococci QT	Enterolert QT	30.0		MPN/100ml	10	10.0	10.0	08/25/2022 15:01	08/26/2022 15:01	DJV/JMD	08/25/2022 14:44
Coliform, Fecal (MF)	SM 9222 D	40		CFU/100ml	2	2	2	08/25/2022 16:07	08/26/2022 16:07	DJV	08/25/2022 15:22





Report of Laboratory Analysis

Florida Department of Environmental
Protection

Project Description

SMP Palm Valley; RQ-2022-07-25-08

DELI
Project Number

220825.04

Report Date: August 30, 2022

DELI Sample Number **60625**
Sample Description **27010072**

Matrix **Non Potable Water**
Date/Time Collected **08/25/2022 11:45**

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
Enterococci QT	Enterolert QT	74.5		MPN/100ml	10	10.0	10.0	08/25/2022 15:01	08/26/2022 15:01	DJV/JMD	08/25/2022 14:44
Coliform, Fecal (MF)	SM 9222 D	69	A	CFU/100ml	2	2	2	08/25/2022 16:07	08/26/2022 16:07	DJV	08/25/2022 15:22





Report of Laboratory Analysis

Florida Department of Environmental
Protection

Project Description

SMP Palm Valley; RQ-2022-07-25-08

DELI
Project Number

220825.04

Report Date: August 30, 2022

Footnotes

A	Value reported is the arithmetic mean (average) of two or more determinations.
B	Results based upon colony counts outside the acceptable range.
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
U	Compound analyzed for, but not detected.



Batch No: B24213

Associated Samples

60620, 60621, 60622, 60623, 60624, 60625

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

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														60625		
Enterococci QT	<1.0 U													1.3	80	

Batch No: B24222

Associated Samples

60620, 60621, 60622, 60623, 60624, 60625

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

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														60625		
Coliform, Fecal (MF)	<1 U													20.3	78	
Parent Sample Number																
Coliform, Fecal (MF)	<1 U														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