



DIVERSIFIED
ENVIRONMENTAL LABORATORIES, INC.

CHAIN OF CUSTODY RECORD

Project Number: 231806.16
(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		Container Information (Qty, Size, & Type)		Sample Matrix Codes:																					
Address		8800 Baymeadows Way West		250 mL		A. Air P. Petroleum																					
City		Jacksonville		250 mL		B. Bulk S. Soil/Sludge																					
State		FL		250 mL		W. Wipe O. Other																					
Zip		32256				PW. Potable Water																					
Attn. Dep-overflowmicro@dep.state.fl.us		E-mail or Fax		Container Preservation Codes		Sample Kit or Container Lot #																					
Tel.				6		NA																					
Project Name		BMAP 1		Parameters		Preservation Codes:																					
Project Number		2023-12-11-37		E. Coli - Quantitray		0. None 5. Na2S2O3																					
Project Location				Enterococci - Quantitray		1. H2SO4 6. Crushed Ice (4C)																					
Sample Name/Signature		Haylee Brown		Coliform, Fecal - MF 3 Dilutions		2. HNO3 7. C6H8O6																					
Transfer #		Sample #		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		071018		20030891		12/6/23		1040NPN		345.2		X		1												Turnaround Requested:	
-2		071019		20030958		1110		S2S		S2S		X		1												X Standard (10 Business Days)	
-3		071080		20030793		1125		473.6		473.6		X		1												Semi-Rush (3-5 Business Days)	
-4		071081		20030953		1150		467		467		X		1												Rush (1-2 Business Days)	
-5		071082		20030801		1210		553		553		X		1												Turnaround times are estimated & subject to change. Surcharges apply for all Rush samples.	
-6		071083		20030082		1230		715		715		X		1												Billing Information:	
-7		071084		20030740		1245		350		350		X		1												Invoice with Report	
-8																										Invoice to Accounting	
-9																										Req. #:	
-0																										P.O. #:	
Special Instructions:																										CIE35B	
Transfer Numbers		1-7		Haylee Brown		12/6/23 1400		Received By		12/6/23 1400																Date / Time	



Project Login Form

DELI Project Number: 231206.16

Client Name: Florida Department of Environmental Protection

Date Received: 12/06/23

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		Sample Cont. Temp. (°C)
1	<u>Cooler</u>	Box	Other:	<u>Yes</u>	No	<u>0.6</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. #: 0448

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?
67078	E. coli - QT	1	-	Yes / <u>No</u>	-	-	-	250mlp
67079	Enterococcus - QT	1	-	Yes / <u>No</u>	-	-	-	250mlp
67080	Enterococcus - QT	1	-	Yes / <u>No</u>	-	-	-	250mlp
67081	E. coli - QT	1	-	Yes / <u>No</u>	-	-	-	250mlp
67082	E. coli - QT	1	-	Yes / <u>No</u>	-	-	-	250mlp
67083	E. coli - QT	1	-	Yes / <u>No</u>	-	-	-	250mlp
67084	E. coli - QT	1	-	Yes / <u>No</u>	-	-	-	250mlp
				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:



December 12, 2023

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

Re: DELI Project Number: **231206.16**
Client PO Number: **C1E35B**
Client Project Description: **BMAP 1; 2023-12-11-37**

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

Sample Number	Sample Description	Date/Time Collected	Date/Time Received
67078	20030891	12/06/2023 10:40	12/06/2023 14:06
67079	20030958	12/06/2023 11:10	12/06/2023 14:06
67080	20030793	12/06/2023 11:25	12/06/2023 14:06
67081	20030953	12/06/2023 11:50	12/06/2023 14:06
67082	20030801	12/06/2023 12:10	12/06/2023 14:06
67083	20030082	12/06/2023 12:30	12/06/2023 14:06
67084	20030760	12/06/2023 12:45	12/06/2023 14:06

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
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Phone 904.807.9625
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Web www.delilab.com



Case Narrative

December 12, 2023

Florida Department of Environmental Protection

Re: DELI Project Number: 231206.16
Client Project Description: BMAP 1; 2023-12-11-37

Enclosed is the case narrative for the above referenced project:

There is nothing to report in the case narrative section of this laboratory report.

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

BMAP 1; 2023-12-11-37

DELI
Project Number

231206.16

Report Date: December 12, 2023

DELI Sample Number **67078**

Sample Description **20030891**

Matrix

Non Potable Water

Date/Time Collected

12/06/2023 10:40

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
E. Coli QT	SM9223B/QT	399.0		MPN/100ml	1	1.0	1.0	12/06/2023 15:18	12/07/2023 09:20	DJT	12/06/2023 15:04





Report of Laboratory Analysis

Florida Department of Environmental Protection

Project Description

BMAP 1; 2023-12-11-37

DELI
Project Number

231206.16

Report Date: December 12, 2023

DELI Sample Number **67079**
Sample Description **20030958**

Matrix **Non Potable Water**
Date/Time Collected **12/06/2023 11:10**

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
Enterococci QT	Enterolert QT	933.0		MPN/100ml	10	10.0	10.0	12/06/2023 14:48	12/07/2023 15:10	DJT	12/06/2023 14:37





Report of Laboratory Analysis

Florida Department of Environmental Protection

Project Description

BMAP 1; 2023-12-11-37

DELI
Project Number

231206.16

Report Date: December 12, 2023

DELI Sample Number **67080**
Sample Description **20030793**

Matrix **Non Potable Water**
Date/Time Collected **12/06/2023 11:25**

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
Enterococci QT	Enterolert QT	1904.0		MPN/100ml	10	10.0	10.0	12/06/2023 14:48	12/07/2023 15:10	DJT	12/06/2023 14:37





Report of Laboratory Analysis

Florida Department of Environmental Protection

Project Description

BMAP 1; 2023-12-11-37

DELI
Project Number

231206.16

Report Date: December 12, 2023

DELI Sample Number **67081**

Sample Description **20030953**

Matrix

Non Potable Water

Date/Time Collected

12/06/2023 11:50

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
E. Coli QT	SM9223B/QT	934.0		MPN/100ml	10	10.0	10.0	12/06/2023 15:18	12/07/2023 09:20	DJT	12/06/2023 15:04





Report of Laboratory Analysis

Florida Department of Environmental Protection

Project Description

BMAP 1; 2023-12-11-37

DELI
Project Number

231206.16

Report Date: December 12, 2023

DELI Sample Number **67082**
Sample Description **20030801**

Matrix **Non Potable Water**
Date/Time Collected **12/06/2023 12:10**

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
E. Coli QT	SM9223B/QT	387.3		MPN/100ml	1	1.0	1.0	12/06/2023 15:18	12/07/2023 09:20	DJT	12/06/2023 15:04





Report of Laboratory Analysis

Florida Department of Environmental Protection

Project Description

BMAP 1; 2023-12-11-37

DELI
Project Number

231206.16

Report Date: December 12, 2023

DELI Sample Number **67083**
Sample Description **20030082**

Matrix **Non Potable Water**
Date/Time Collected **12/06/2023 12:30**

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
E. Coli QT	SM9223B/QT	1624.0		MPN/100ml	10	10.0	10.0	12/06/2023 15:18	12/07/2023 09:20	DJT	12/06/2023 15:04





Report of Laboratory Analysis

Florida Department of Environmental Protection

Project Description

BMAP 1; 2023-12-11-37

DELI
Project Number

231206.16

Report Date: December 12, 2023

DELI Sample Number **67084**

Sample Description **20030760**

Matrix

Non Potable Water

Date/Time Collected

12/06/2023 12:45

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
E. Coli QT	SM9223B/QT	1723.0		MPN/100ml	10	10.0	10.0	12/06/2023 15:18	12/07/2023 09:20	DJT	12/06/2023 15:04





Report of Laboratory Analysis

Florida Department of Environmental
Protection

Project Description

BMAP 1; 2023-12-11-37

DELI
Project Number

231206.16

Report Date: December 12, 2023

Footnotes

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: B27004

Associated Samples

67079, 67080

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														67077		
Enterococci QT	<1.0 U													41.0	198	

Batch No: B27008

Associated Samples

67078, 67081, 67082, 67083, 67084

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

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														67078		
E. Coli QT	<1.0 U													5.8	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