



DIVERSIFIED
ENVIRONMENTAL LABORATORIES, INC.

CHAIN OF CUSTODY RECORD

Project Number:
(Lab Use Only) 240304.01

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		BMAP 1									
Project Number		2024-03-04-73									
Project Location											
Sampler Name/Signature		Katherine Halbert / [Signature]									
Transfer #	Sample # (Lab Use Only)	Sample Identification	Date Sampled	Time Sampled	Sample Matrix Code	Specific Cond. (Field)	Comp	Grab	Container Information (Qty, Size, & Type)		Sample Matrix Codes:
-1	68311	20030891	3/4/24	920	NPW	374.4		✓	1	250 mL	A. Air P. Petroleum
-2	68312	20030793	3/4/24	950	NPW	37.4		✓	1	250 mL	B. Bulk S. Soil/Sludge
-3	68313	20030958	3/4/24	1005	NPW	440.8		✓	1	250 mL	W. Wipe O. Other
-4	68314	20030953	3/4/24	1030	NPW	420.5		✓	1		PW. Potable Water
-5	68315	20030801	3/4/24	1050	NPW	375.0		✓	1		NPW. Non-Potable Water
-6	68316	20030082	3/4/24	1105	NPW	372.8		✓	1		
-7	68317	20030760	3/4/24	1120	NPW	312.8		✓	1		
-8											
-9											
-0											
Special Instructions:		* = 10x dilution									
Transfer Numbers		Relinquished By		Date / Time		Received By		Date / Time			
1-7		Katherine Halbert		03/04/24 / 1447		Danielle Taggart		03/04/24 / 1447			

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

Billing Information:

Invoice with Report _____

Invoice to Accounting _____

Req. #: _____

P.O. #: C16358

Turnaround Requested:

☒ Standard (10 Business Days)

☐ Semi-Rush (3-5 Business Days)

☐ Rush (1-2 Business Days)

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: 0.6 °C

Sample Kit or Container Lot #

NA

Project Login Form

DELI Project Number: 240304.01 Client Name: Florida Department of Environmental Protection

Date Received: 03/04/24 Received by: DJT 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	Cooler	Box	Other:	<u>Yes</u>	No	0.6
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.

DEL	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?
68311	E. Coli - QT	1	-	Yes / <u>No</u>	-	-	-	250mLP
68312	Enterococci - QT	↓	-	Yes / <u>No</u>	-	-	-	250mLP
68314	E. Coli - QT	↓	-	Yes / <u>No</u>	-	-	-	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:



March 12, 2024

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

Re: DELI Project Number: **240304.01**
Client PO Number: **C1E35B**
Client Project Description: **BMAP 1; 2024-03-04-73**

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

Sample Number	Sample Description	Date/Time Collected	Date/Time Received
68311	20030891	03/04/2024 09:20	03/04/2024 14:47
68312	20030793	03/04/2024 09:50	03/04/2024 14:47
68313	20030958	03/04/2024 10:05	03/04/2024 14:47
68314	20030953	03/04/2024 10:30	03/04/2024 14:47
68315	20030801	03/04/2024 10:50	03/04/2024 14:47
68316	20030082	03/04/2024 11:05	03/04/2024 14:47
68317	20030760	03/04/2024 11:20	03/04/2024 14:47

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

March 12, 2024

Florida Department of Environmental Protection

Re: DELI Project Number: 240304.01
Client Project Description: BMAP 1; 2024-03-04-73

Enclosed is the case narrative for the above referenced project:

E.Coli:

CN - DELI Sample 68315 : All Quanti-Tray wells were positive. Result may be higher than reported.

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; 2024-03-04-73

DELI
Project Number

240304.01

Report Date: March 12, 2024

DELI Sample Number **68311**
Sample Description **20030891**

Matrix **Non Potable Water**
Date/Time Collected **03/04/2024 09:20**

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
E. Coli QT	SM9223B/QT	547.5		MPN/100ml	1	1.0	1.0	03/04/2024 15:47	03/05/2024 09:51	DJT	03/04/2024 15:27





Report of Laboratory Analysis

Florida Department of Environmental
Protection

Project Description

BMAP 1; 2024-03-04-73

DELI
Project Number

240304.01

Report Date: March 12, 2024

DELI Sample Number **68312**
Sample Description **20030793**

Matrix **Non Potable Water**
Date/Time Collected **03/04/2024 09:50**

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
Enterococci QT	Enterolert QT	1259.0		MPN/100ml	10	10.0	10.0	03/04/2024 16:01	03/05/2024 16:01	DJT	03/04/2024 15:54





Report of Laboratory Analysis

Florida Department of Environmental Protection

Project Description

BMAP 1; 2024-03-04-73

DELI
Project Number

240304.01

Report Date: March 12, 2024

DELI Sample Number **68313**
Sample Description **20030958**

Matrix **Non Potable Water**
Date/Time Collected **03/04/2024 10:05**

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
Enterococci QT	Enterolert QT	2359.0		MPN/100ml	10	10.0	10.0	03/04/2024 16:01	03/05/2024 16:01	DJT	03/04/2024 15:54





Report of Laboratory Analysis

Florida Department of Environmental
Protection

Project Description

BMAP 1; 2024-03-04-73

DELI
Project Number

240304.01

Report Date: March 12, 2024

DELI Sample Number **68314**
Sample Description **20030953**

Matrix **Non Potable Water**
Date/Time Collected **03/04/2024 10:30**

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
E. Coli QT	SM9223B/QT	5172.0		MPN/100ml	10	10.0	10.0	03/04/2024 15:47	03/05/2024 09:51	DJT	03/04/2024 15:27





Report of Laboratory Analysis

Florida Department of Environmental
Protection

Project Description

BMAP 1; 2024-03-04-73

DELI
Project Number

240304.01

Report Date: March 12, 2024

DELI Sample Number **68315**
Sample Description **20030801**

Matrix **Non Potable Water**
Date/Time Collected **03/04/2024 10:50**

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	03/04/2024 15:47	03/05/2024 09:51	DJT	03/04/2024 15:27





Report of Laboratory Analysis

Florida Department of Environmental
Protection

Project Description

BMAP 1; 2024-03-04-73

DELI
Project Number

240304.01

Report Date: March 12, 2024

DELI Sample Number **68316**

Sample Description **20030082**

Matrix

Non Potable Water

Date/Time Collected

03/04/2024 11:05

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
E. Coli QT	SM9223B/QT	3448.0		MPN/100ml	10	10.0	10.0	03/04/2024 15:47	03/05/2024 09:51	DJT	03/04/2024 15:27





Report of Laboratory Analysis

Florida Department of Environmental
Protection

Project Description

BMAP 1; 2024-03-04-73

DELI
Project Number

240304.01

Report Date: March 12, 2024

DELI Sample Number **68317**

Sample Description **20030760**

Matrix

Non Potable Water

Date/Time Collected

03/04/2024 11:20

Parameters	Method	Results	Footnote	Units	DF	MDL	PQL	Incubation In	Incubation Out	Analyst	Analysis Date/Time
E. Coli QT	SM9223B/QT	1014.0		MPN/100ml	10	10.0	10.0	03/04/2024 15:47	03/05/2024 09:51	DJT	03/04/2024 15:27





Report of Laboratory Analysis

Florida Department of Environmental
Protection

Project Description

BMAP 1; 2024-03-04-73

DELI
Project Number

240304.01

Report Date: March 12, 2024

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: March 12, 2024

QC Data for Project Number: 240304.01

Page QC-1 of 1

Batch No: B27582

Associated Samples

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

68311, 68314, 68315, 68316, 68317

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														68323		
E. Coli QT	<1.0 U													23.2	105	

Batch No: B27586

Associated Samples

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

68312, 68313

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														68321		
Enterococci QT	<1.0 U													0	198	

* 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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