July 31, 2021 Service Request No:J2101553

Mr. Jeremy Parrish
Florida DEP
8800 Baymeadows Way West
Jacksonville, FL 32256-7577

Laboratory Results for: RQ-2021-07-26-21

Dear Mr.Parrish,

Enclosed are the results of the sample(s) submitted to our laboratory July 28, 2021
For your reference, these analyses have been assigned our service request number **J2101553.**

All analyses were performed according to our laboratory's quality assurance program. The test results meet requirements of the NELAP standards except as noted in the case narrative report. All results are intended to be considered in their entirety, and ALS Environmental is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report. In accordance with the TNI 2016 Standard, a statement on the estimated uncertainty of measurement of any quantitative analysis will be supplied upon request.

Please contact me if you have any questions. My extension is 4429. You may also contact me via email at valerie.spears@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental

Valerie Spears
Laboratory Director

ADDRESS 9143 Philips Highway, Suite 200, Jacksonville, FL 32256
PHONE +1 904 739 2277 | FAX +1 904 739 2011
ALS Group USA, Corp.
dba ALS Environmental

Narrative Documents

ALS Environmental—Jacksonville Laboratory
9143 Philips Highway, Suite 200, Jacksonville, FL 32256
Phone (904) 739-2277 Fax (904) 739-2011
www.alsglobal.com

Client: Florida Department of Environmental Protection (DEP)
Service Request: J2101553
Project: RQ-2021-07-26-21
Date Received: 07/28/2021
Sample Matrix: Water

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier I level requested by the client.

Sample Receipt:

One water sample was received for analysis at ALS Environmental on 07/28/2021. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

Microbiology:

Method SM 9223 B: Sample(s) were removed from the incubator and read on 7/29/21 1614.

Approved by _____ Date 07/31/2021

SAMPLE DETECTION SUMMARY

CLIENT ID: G1NE0922			Lab ID: J2101553-001			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Escherichia coli	172			1.0	MPN/100mL	SM 9223 B

Sample Receipt Information

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Client: Florida Department of Environmental Protection (DEP) **Service Request:**J2101553
Project: RQ-2021-07-26-21

SAMPLE CROSS-REFERENCE

SAMPLE #	CLIENT SAMPLE ID	DATE	TIME
J2101553-001	G1NE0922	7/28/2021	1135

CHAIN OF CUSTODY / LABORATORY ANALYSIS REQUEST FORM

ALS Environmental

9143 Philips Highway, Suite 200 Jacksonville, FL 32256 / Ph(904) 739-2277 / FAX (904) 739-2011

SR # J2101553
ALS Contact: Mandy Sullivan

Page 1 of 1

Client Name	Project Number
FDEP-NE ROC	RQ-2021- 07-26-21
Report To	Report CC
Dep-Overflowmicro@dep.state.fl.us	
Company/Address	
8800 Baymeadows Way W Jacksonville, Fl 32256	
Phone #	FAX #
904-256-1700	
Sampler's Signature	Sampler's Printed Name
Kelly A McDonald	Kelly A McDonald

ANALYSIS REQUESTED (Include Method Number and Container Preservative)

CLIENT SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	Matrix	NUMBER OF CONTAINERS	E.Coli	Enterocooi	REMARKS
					eservat:	8	8	
GINE0922		7/28	1135	SW	1	X		Fresh

Preservative Key
0. None
1. HCL
2. HNO3
3. H2SO4
4. NaOH
5. Zn. Acetate
6. MeOH
7. NaHSO4
8. ICE

Special Instructions/Comments: **Email Report to: Dep-Overflowmicro@dep.state.fl.us**

6D

TURNAROUND REQUIREMENTS
___ RUSH (SURCHARGES APPLY)
X STANDARD
REQUESTED FAX DATE
N/A
REQUESTED REPORT DATE
N/A

REPORT REQUIREMENTS
___ I. Results Only
___ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
___ III. Results + QC and Calibration Summaries
___ IV. Data Validation Report with Raw Data
Edata ___ Yes ___ No

INVOICE INFORMATION
P.O. # B10739
Bill to:

Relinquished By	Received By	Relinquished By	Received By	Relinquished By	Received By
Signature: Kelly A McDonald	Signature: Che Weigand	Signature	Signature	Signature	Signature
Printed Name: Kelly A McDonald	Printed Name: Che Weigand	Printed Name	Printed Name	Printed Name	Printed Name
Firm: FDEP NERDC	Firm: ALS	Firm	Firm	Firm	Firm
Date/Time: 7/28/21 1553	Date/Time: 7/28/21 1556	Date/Time	Date/Time	Date/Time	Date/Time

ALS Environmental

Cooler Receipt Form

Client: FDEP Service Request #: J2101553

Project: RQ-2021-07-26-21

Shipping paid by ALS? Yes No (N/A)

Shipment received on 7/28/21 and opened on 7/28/21 by CW

COURIER: ALS UPS FEDEX DHL (Client) Other _____ Airbill #_____

Packing Conditions

Custody seals on outside of cooler?		Yes	(No)	
If yes, how many and where?	#:_____	on:	lid	other
Were seals intact and signature and date correct?		Yes	No	(N/A)
Temperature of cooler(s) upon receipt (0-6°C)	4.0			
Thermometer ID	T202			
Temperature Blank Present?		Yes	(No)	
Temperature preservation?		(Ice)	Ice Packs	None
Type of packing material present	Bubble Wrap	Netting	Paper	
	Vial Holder	Styrofoam	Other	(N/A)

Sample Conditions **If No for any items below, note discrepancies in comments section.**

COC properly filled out?	(Yes)	No	Didn't arrive
Where did the containers originate?	ALS	(Client)	
All containers arrive in good condition?	(Yes)	No	
All container labels complete?	(Yes)	No	
All container labels agree with custody papers?	(Yes)	No	N/A
Any samples with unusual characteristics?	(Typical)	Exceptional	
All samples received with sufficient volume?	(Yes)	No	
Correct containers used for the tests indicated?	(Yes)	No	N/A
All containers received with the appropriate preservative?	(Yes)	No	N/A
All samples received within analysis holding times?	(Yes)	No	N/A
VOA vials free of air bubbles greater than 6mm?	Yes	No	(N/A)

Sample ID	Reagent	Lot #	Exp. Date	mL added	Initials Date/Time

Additional comments and/or explanation of all discrepancies noted above:

Client approval to run samples if discrepancies noted: Date:

Miscellaneous Forms

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FLORIDA DEP DATA QUALIFIERS

B Results based upon colony counts outside the acceptable range.

D Measurement was made in the field.

H Value based on field kit determination; results may not be accurate.

I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

J Estimated value (one of the following reasons is discussed in the project case narrative).
1. The result may be inaccurate because the surrogate recovery limits have been exceeded.
2. No known quality control criteria exists for the component.
3. The reported value failed to meet the established quality control criteria for either precision or accuracy.
4. The sample matrix interfered with the ability to make any accurate determination (e.g., primary and confirmation results show greater than 40% RPD).
5. The data is questionable because of improper laboratory or field protocols (e.g., GC/MS Tune did not meet method criteria).

K Off scale low. The value is less than the lowest calibration standard but greater than the method reporting limit (MRL).

L Off scale high. The analyte is above the upper limit of the linear calibration range.

M The MDL/MRL has been elevated because the analyte could not be accurately quantified due to matrix interference.

N Presumptive evidence of the analyte. Confirmation was not performed.

Q Sample held beyond the accepted holding time.

T Value reported is less than the laboratory method detection limit. The value is reported for informational purposes only.

U Indicates that the compound was analyzed for but not detected.

V Indicates that the analyte was detected in both the sample and the associated method blank.

Y The laboratory analysis was from an improperly preserved sample.

Z Too many colonies were present (TNTC). The numeric value represents the filtration volume.

Jacksonville Lab ID # for State Certifications[1]

Agency	Number	Expiration Date
Florida Department of Health	E82502	6/30/2022
Georgia Department of Natural Resources	958	6/30/2021

[1] Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state or agency requirements. The test results meet requirements of the current NELAP/TNI standards or state or agency requirements, where applicable, except as noted in the laboratory case narrative provided.

ACRONYMS

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

Client:	Florida Department of Environmental Protection (DEP)	**Service Request:**	J2101553
Project:	RQ-2021-07-26-21/		

Sample Name:	G1NE0922	**Date Collected:**	07/28/21
Lab Code:	J2101553-001	**Date Received:**	07/28/21
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
SM 9223 B		VSPEARS

Sample Results

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Microbiology

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Analytical Report

Client:	Florida Department of Environmental Protection (DEP)	**Service Request:**	J2101553
Project:	RQ-2021-07-26-21	**Date Collected:**	07/28/21 11:35
Sample Matrix:	Water	**Date Received:**	07/28/21 15:56
Sample Name:	G1NE0922	**Basis:**	NA
Lab Code:	J2101553-001		

General Chemistry Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Escherichia coli	SM 9223 B	**172**	MPN/100mL	1.0	1	07/28/21 16:13	

QC Summary Forms

ALS Environmental - Jacksonville Laboratory
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www.alsglobal.com

Microbiology

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Phone (904)739-2277 Fax (904)739-2011
www.alsglobal.com

Analytical Report

Client:	Florida Department of Environmental Protection (DEP)	**Service Request:**	J2101553
Project:	RQ-2021-07-26-21	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	NA
Lab Code:	J2101553-MB		

General Chemistry Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Escherichia coli	SM 9223 B	1.0 U	MPN/100mL	1.0	1	07/28/21 16:13	