



June 20, 2016

Service Request No:J1604327

Sara Armour
Florida Department of Environmental Protection
Bureau of Laboratories
2600 Blair Stone Road
Tallahassee, FL 32399

Laboratory Results for: SMP

Dear Sara,

Enclosed are the results of the sample(s) submitted to our laboratory June 16, 2016
For your reference, these analyses have been assigned our service request number **J1604327**.

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 to the NELAC 2003 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 4410. You may also contact me via email at Jerry.Allen@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental

Jerry Allen
Project Manager

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ALS Group USA, Corp.

dba ALS Environmental

State Certifications, Accreditations, and Licenses

Agency	Number	Expire Date
Department of Defense	66206	7/31/2018
Florida Department of Health	E82502	6/30/2017
Georgia Department of Natural Resources	958	6/30/2016
Kentucky Division of Waste Management	63	6/30/2016
Louisiana Department of Environmental Quality	02086	6/30/2017
Maine Department of Health and Human Services	2015002	2/3/2017
North Carolina Department of Environment and Natural Resources	527	12/31/2016
Pennsylvania Department of Environmental Protection	68-04835	8/31/2016
South Carolina Department of Health and Environmental Control	96021001	6/30/2016
Texas Commision on Environmental Quality	T104704197-16-8	5/31/2017
Virginia Environmental Accreditation Program	460191	12/14/2016

Data Qualifiers

Florida-DEP

- ! Data deviates from historically established concentration ranges
- * Not reported due to interference
- ? Data is rejected and should not be used
- A Value reported is the arithmetic mean of two or more determinations
- B Results based upon colony counts outside the acceptable range.
- D Measurement was made in the field.
- E Extra samples were taken at composite stations
- 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 PQL.
- J Estimated value.
- K Off scale low. The value is less than the lowest calibration standard.
- L Off scale high. The analyte is above the acceptable level of quantitation.
- M The MDL/MRL has been elevated because the analyte could not be accurately quantified.
- N Presumptive evidence of presence of material.
- O Sampled, but analysis lost or not performed
- Q Sample held beyond the acceptable holding time.
- R Significant rain in the past 48 hours (typically in excess of 0.5 inches)
- T Estimated value, less than the MDL
- 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.
- X Insufficient individuals were present in the sample to achieve a minimum of 280 organisms for identification (Stream Condition Index Analysis only)
- Y The laboratory analysis was from an unpreserved or improperly preserved sample.
- Z Too many colonies were present, the numeric value represents the filtration volume

ALS Laboratory Group

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 DEP
Project: SMP/RQ-2016-04-11-30

Service Request:J1604327

SAMPLE CROSS-REFERENCE

<u>SAMPLE #</u>	<u>CLIENT SAMPLE ID</u>	<u>DATE</u>	<u>TIME</u>
J1604327-001	G4NEAP0001	6/16/2016	0950
J1604327-002	G4NEAP0002	6/16/2016	1010
J1604327-003	GWNEAP003	6/16/2016	1030
J1604327-004	GWNEAP004	6/16/2016	1055
J1604327-005	GWNEAP006	6/16/2016	1120

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Florida DEP
Project: SMP/RQ-2016-04-11-30
Sample Matrix: Water
Analysis Method: SM 9222 D

Service Request: J1604327
Date Collected: 06/16/16
Date Received: 06/16/16
Units: CFU/100mL
Basis: NA

Coliform, Fecal

Sample Name	Lab Code	Result	PQL	Dil.	Date Analyzed	Q
G4NEAP0001	J1604327-001	2.0 U	2.0	2	06/16/16 15:00	
G4NEAP0002	J1604327-002	23 B	1.6	1.6	06/16/16 15:00	
GWNEAP003	J1604327-003	25 B	1.6	1.6	06/16/16 15:00	
GWNEAP004	J1604327-004	13 BJ	1.6	1.6	06/16/16 15:00	
GWNEAP006	J1604327-005	86 J	2.0	2	06/16/16 15:00	
Method Blank	J1604327-MB	1.0 U	1.0	1	06/16/16 15:00	

Cooler Receipt Form

Client: FDEP - Aquatic Preserves Service Request #: JI604327
 Project: SNP
 Cooler received on 6/16/16 and opened on 6/16/16 by MLW
 COURIER: ALS UPS FEDEX Client Other _____ Airbill # _____

- 1 Were custody seals on outside of cooler? Yes No
 If yes, how many and where? #: _____ on lid other _____
- 2 Were seals intact and signature and date correct? Yes No N/A
- 3 Were custody papers properly filled out? Yes No N/A
- 4 Temperature of cooler(s) upon receipt (Should be 0°C and ≤ 6°C) 4.3 _____
 5 Thermometer ID T124 _____
- 6 Temperature Blank Present? Yes No
- 7 Were Ice or Ice Packs present Ice Ice Packs No
- 8 Did all bottles arrive in good condition (unbroken, etc....)? Yes No N/A
- 9 Type of packing material present
 Netting Vial Holder Bubble Wrap
 Paper Styrofoam Other N/A
- 10 Were all bottle labels complete (sample ID, preservation, etc....)? Yes No N/A
- 11 Did all bottle labels and tags agree with custody papers? Yes No N/A
- 12 Were the correct bottles used for the tests indicated? Yes No N/A
- 13 Were all of the preserved bottles received with the appropriate preservative?
 HNO3 pH<2 H2SO4 pH<2 ZnAc2/NaOH pH>9 NaOH pH>12 HCl pH<2
 Preservative additions noted below Yes No N/A
- 14 Were all samples received within analysis holding times? Yes No N/A
- 15 Were all VOA vials free of air bubbles? If present, note below Yes No N/A
- 16 Where did the bottles originate? ALS Client

Sample ID	Reagent	Lot #	ml added	Initials Date/Time

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

Client approval to run samples if discrepancies noted:

Date:

CHAIN OF CUSTODY / LABORATORY ANALYSIS REQUEST FORM

SR # J1604327
ALS Contact

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

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Project Name SMP		Project Number R2-2016-04-11-30		ANALYSIS REQUESTED (Include Method Number and Container Preservative)											
Report To David Tyler		Report CC Katrina Sanders		Preservative <u>8</u>											
Company/Address FDEP - Aquatic Preserves				Preservative Key 0. None 1. HCL 2. HNO3 3. H2SO4 4. NaOH 5. Zn. Acetate 6. MeOH 7. NaHSO4 8. Other <u>ICE</u>											
Phone # 904-610-4377		FAX # 904-610-4377		J1604327 Florida Department of Environmental Protection SMP											
Sampler's Signature		Sampler's Printed Name		NUMBER OF CONTAINERS <u>18</u>											
CLIENT SAMPLE ID				LAB ID		SAMPLING DATE		TIME		Matrix		REMARKS			
G4NEAP0001						6/16		0950		SW					
G4NEAP0002								1010							
G4NEAP0003								1030							
G4NEAP0004								1055							
G4NEAP0005															
G4NEAP0006						6/16		11:20							
G4NEAP0007															
Special Instructions/Comments: #10005 + 0007 were the last 2 stops and we got Rained out couldn't collect.															
Relinquished By Signature <u>Andrea Noel</u> Printed Name <u>Andrea Noel</u> Firm <u>FDEP - Aquatic</u> Date/Time <u>6/16</u>				Received By Signature <u>Michael Maly</u> Printed Name <u>Michael Maly</u> Firm <u>ALS</u> Date/Time <u>6/16/16 1430</u>				Relinquished By Signature _____ Printed Name _____ Firm _____ Date/Time _____				Received By Signature _____ Printed Name _____ Firm _____ Date/Time _____			
TURNAROUND REQUIREMENTS RUSH (SURCHARGES APPLY) ☒ STANDARD REQUESTED FAX DATE _____ REQUESTED REPORT DATE _____				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. # _____ Bill to _____							