



August 03, 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

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

Client: Florida DEP
Project: SMP/RQ-2016-04-11-30
Sample Matrix: Water

Service Request: J1604327
Date Received: 6/16/16

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples designated for Tier I data deliverables. When appropriate to the procedure, method blank results have been reported with each analytical test. Analytical procedures performed by the lab are validated in accordance with NELAC standards. Parameters that are included in the NELAC Fields of Testing but are not included in the lab's NELAC accreditation are identified in the discussion of each analytical procedure.

Sample Receipt

Five water samples were received for analysis at ALS Environmental on 6/16/2016. The samples were received in good condition and consistent with the accompanying chain of custody form. Samples are refrigerated at $\leq 6^{\circ}\text{C}$ upon receipt at the lab except for aqueous samples designated for metals analyses, which are stored at room temperature.

Microbiology Analyses:

Method SM 9222D: Due to interfering colonies results for sample J1604327-004 are estimated.

Method SM 9222D: Due to confluent growth results for sample J1604327-005 are estimated.

Approved by



Date 8/3/2016

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	6/30/2017
Kentucky Division of Waste Management	63	6/30/2017
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	6/30/2017
Texas Commision on Environmental Quality	T104704197-16-8	5/31/2017
Virginia Environmental Accreditation Program	460191	12/14/2016

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

ALSO

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SR #

ALS Contact

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