

SMP: Highlands Lakes

Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: SO-DIST

Requester: Benjamin Paswater

Field Report Prepared By: Cliff Ford

Project ID: SMP

Collected By: Cliff FordSampling Agency: Highlands County

Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>5/24/16</u> Time <u>12:10</u> Eastern <u>12:00</u> Central		Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)
F RQ-2016-05-09-11 1932C Lake Sirena @ West Side G4HL052016-H Field ID STORET G4SD0147		Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>		Diss. Oxygen <u>104.2</u> <u>104.98</u>	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L) <u>NA</u>
		Temp (C) <u>28.85</u> <u>7.11</u>	pH <u>7.15</u> <u>7.11</u>	Sample Depth <u>0.5</u>	☒ ft ☐ m	Sp. Conductance (umho/cm) <u>not cal</u>
		☐ dd ☐ dms	Salinity (ppt) <u>NA</u>	Comments		
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>5/24/16</u> Time <u>11:56</u> Eastern <u>11:56</u> Central		Composite end Date _____ Time _____	Bottle Group(s)
Fie' RQ-2016-05-09-11 1932C Lake Sirena @ North Side G4HL052016-G Field ID STORET G4SD0146		Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>		Diss. Oxygen <u>105.9</u>	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L) <u>NA</u>
		Temp (C) <u>29.11</u>	pH <u>7.05</u>	Sample Depth <u>0.5</u>	☒ ft ☐ m	Sp. Conductance (umho/cm) <u>not cal</u>
		☐ dd ☐ dms	Salinity (ppt) <u>NA</u>	Comments		
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>5/24/16</u> Time <u>12:00</u> Eastern <u>12:00</u> Central		Composite end Date _____ Time _____	Bottle Group(s)
F RQ-2016-05-09-11 1932C Lake Sirena @ Middle G4HL052016-F Field ID STORET G4SD0145		Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>		Diss. Oxygen <u>104.9</u>	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L) <u>NA</u>
		Temp (C) <u>28.85</u>	pH <u>7.11</u>	Sample Depth <u>0.5</u>	☒ ft ☐ m	Sp. Conductance (umho/cm) <u>not cal</u>
		☐ dd ☐ dms	Salinity (ppt) <u>NA</u>	Comments		
Location		☐ Comp ☐ Grab	Collection (comp begin or grab) Date _____ Time _____ Eastern Central		Composite end Date _____ Time _____	Bottle Group(s)
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
STORET #		Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)
Latitude		☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments

Relinquished By: <u>[Signature]</u>	Date/Time <u>5/24/16 / 15:00</u>	Shipping Method <u>Fed Ex</u>	Number of Coolers Shipped:	Received By: <u>[Signature]</u>	Date/Time <u>05-25-16 / 10:00</u>
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Group: A Bottle Type: P-1L # of Bottles: 11 Preservative: ICE Enter Number of Bottles Sent to Lab _____

ALKALINITY

TURBIDITY

W-CL-IC

W-COLOR

W-F

W-SO4-IC

W-TDS

W-TSS

Group: A Bottle Type: BP-1L # of Bottles: 11 Preservative: ICE Enter Number of Bottles Sent to Lab _____

CHLSUITE-W

Group: A Bottle Type: P-500ML # of Bottles: 11 Preservative: ICE And H2SO4 Enter Number of Bottles Sent to Lab _____

W-NH3

W-NO2NO3

W-S-A-TR

W-TKN

W-TOC

Group: A Bottle Type: P-125ML # of Bottles: 11 Preservative: ICE-FLTR Enter Number of Bottles Sent to Lab _____

W-PO4-F

SMP: Highlands Lakes

Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: SO-DIST

Requester: Benjamin Paswater

Field Report Prepared By: Clell Ford

Project ID: SMP

Collected By: Clell FordSampling Agency: Highlands County

Lor	RQ-2016-05-09-11		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>5/24/16</u> Time <u>11:40</u>	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)	
Field ID	1932C	G4HL052016-K Field ID ▲ STORET ▼ G4SD0149 	Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>	Diss. Oxygen <u>103.6</u>	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L) <u>NA</u>	<u>A</u>	
Side	Lake Sirena @ East		Temp (C) <u>28.81</u>	pH <u>6.84</u>	Sample Depth <u>0.5</u>	Sp. Conductance (umho/cm) <u>not cal</u>		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) <u>NA</u>	Comments			
Lr	RQ-2016-05-09-11		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>5/24/16</u> Time <u>12:20</u>	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s)	
Field ID	1932C	G4HL052016-J Field ID ▲ STORET ▼ G4SD0148 	Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>	Diss. Oxygen <u>102.2</u>	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L) <u>NA</u>	<u>A</u>	
Side	Lake Sirena @ South Side		Temp (C) <u>28.58</u>	pH <u>7.07</u>	Sample Depth <u>0.5</u>	Sp. Conductance (umho/cm) <u>not cal</u>		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) <u>NA</u>	Comments			
Location			☐ Comp ☐ Grab	Collection (comp begin or grab) Date _____ Time _____	☐ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s)	
Field ID			Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		
STORET #			Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments			
Location			☐ Comp ☐ Grab	Collection (comp begin or grab) Date _____ Time _____	☐ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s)	
Field ID			Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		
STORET #			Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments			

Relinquished By: <u>[Signature]</u>	Date/Time: <u>5/24/16/15:00</u>	Shipping Method: <u>FedEx</u>	Number of Coolers Shipped: _____	Received By: <u>[Signature]</u>	Date/Time: <u>05-25-16 11:00</u>
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Group: A Bottle Type: P-1L # of Bottles: 11 Preservative: ICE Enter Number of Bottles Sent to Lab _____

ALKALINITY
TURBIDITY
W-CL-IC
W-COLOR
W-F
W-SO4-IC
W-TDS
W-TSS

Group: A Bottle Type: BP-1L # of Bottles: 11 Preservative: ICE Enter Number of Bottles Sent to Lab _____

CHLSUITE-W

Group: A Bottle Type: P-500ML # of Bottles: 11 Preservative: ICE And H2SO4 Enter Number of Bottles Sent to Lab _____

W-NH3
W-NO2NO3
W-S-A-TP
W-TKN
W-TOC

Group: A Bottle Type: P-125ML # of Bottles: 11 Preservative: ICE-FLTR Enter Number of Bottles Sent to Lab _____

W-PO4-F

Date of Request: 11-APR-2016
 Created By: PASWATER_B On: 11-APR-2016
 Modified By: WATTS_J On: 20-APR-2016
 Customer: SO-DIST
 Project: SMP
 Division: Not Applicable
 District: South District
 Sampling Event: SMP: Highlands Lakes

Send Coolers To:

Phone: (863) 402-6545
 4344 George Blvd.

Sebring, FL 33875
 Attn: Clell Ford

Program Module Number:
 Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 20-APR-2016
 Biology Request Reviewed By: SWANSON_C On: 13-APR-2016
 Sampling Kit Required: YES Ship on: 02-MAY-2016
 Sampling Kit Shipped: YES On: 02-MAY-2016
 Sampling Kit Packed By: LASHLEY_C
 Preservatives Needed: YES
 Date to Receive Samples: 09-MAY-2016
 Received By: SHAIK_A On: 25-MAY-2016

Send Final Report To:

FLDEP South District Office
 2295 Victoria Ave. Suite 364
 Fort Myers, FL 33901
 Attn: Ben Paswater

Report Type: Final Only
 FTP Data: NO
 QC Report: YES
 Date Log: NO
 Authorization Log: NO

Comments: SMP: Highlands Lakes
 1 - case of sulfuric acid
 11 Kits

Bottle Group A (Water) With 11 Samples:

Bottle Type: P-1L	Number of Bottles: 11	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO ₃ /L
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
W-CL-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Chloride in aqueous matrices
W-COLOR	Template: DEFAULT	(SM 2120 B) True Color measured at 450 nm
Color (true)		
W-F	Template: DEFAULT	(SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-SO ₄ -IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices
W-TDS	Template: DEFAULT	(SM 2540 C-97) Total Dissolved Solids in aqueous matrices
W-TSS	Template: DEFAULT	(SM 2540 D-97) Total Suspended Solids in aqueous matrices
Bottle Type: BP-1L	Number of Bottles: 11	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, phaeophytin and ratio by spectrophotometry
Bottle Type: P-500ML	Number of Bottles: 11	Preserved With: ICE And H ₂ SO ₄
W-NH ₃	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
W-NO ₂ NO ₃	Template: DEFAULT	(EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L
W-S-A-TP	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L
W-TKN	Template: DEFAULT	(EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices
W-TOC	Template: DEFAULT	(SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices
Bottle Type: P-125ML	Number of Bottles: 11	Preserved With: ICE-FLTR
W-PO ₄ -F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Log-in Checklist

RQ- 2016-05-09-11

Shipping Method: Fed Exp

Date/Time of Receipt: 05-25-16/10:00

Cooler ID	Cooler Temperature*	No. Sample Containers in Cooler	Evidence Tape				Tracking # (fill out only if waybill copy is damaged)
			Present?		*Intact?		
			Yes	No	Yes	No	
Red	1.4C	12		✓			
Red	1.1C	8		✓			

*If the temperature of a cooler is above 6.0 °C (or above 10.0 °C for W-1-4-DIOX), or if Evidence Seal is damaged, identify the containers in the affected cooler(s) on back of this form.

****Note:** If "No" is checked in any of the fields below, fill out the back of this form with additional details (Field ID, Test IDs, etc.) and generate an **NCR**.

****Chain of Custody/ Field Sheet(s) Included?** Yes ✓ No

CONTAINER CHECK

****Evidence Tape on Bottles?** Yes No ✓ If yes, is it intact? Yes No

****Caps on tight?** Yes ✓ No ****Containers intact?** Yes No

****Sufficient Sample Volume:** Yes No

CHLORINE CHECK (Blue dot on container)

Check the Box marked "Yes" or "No" for the Presence of Chlorine. If Cl detected, an NCR is required.					
Analysis	Yes	No	Analysis	Yes	No
W-1,4 DIOX			W-PC-AA-SF		
W-AHERB-AA (-AHB-AA-R)			W-PCL-SQ (-R)		
W-BNA (-625, -R)			W-PDQUAT		
W-CARB-AA (-CAB-AA-R)			W-PESTNP-R		
W-ENDO-AA			W-PSCL-TQ		
W-GLYPH			W-PSNP-TQ		
W-NP-AA-SF			W-PST-CL-R		
W-PAH (-R)			W-TR-TQ		
W-PCB-R					

PRESERVATION CHECK (EXCLUDING SAMPLES SENT TO OVERFLOW LABS, "OV-")

****Acid Preserved Samples:** pH ≤ 2.0? Yes ✓ No NA Init:

****W-1-4-DIOX (Green dot on container) preserved to pH < 4.0?** Yes No NA Init:

Coolers Unpacked/Checked by: Date: 5-25-16 NCRs (Y/N)?

Event ID: SMP: Highlands Lakes NCR #

SO-DIST-2016-05-25-04 (SMP)
Date Received: 25-MAY-2016 10:00

Log-in Checklist

Samples with Incorrect pH Preservation or presence of Chlorine

Field ID	Bottle Test ID(s)	pH / Cl	Action Taken

Samples in Coolers with Incorrect Preservation or Damaged Evidence Tape

Cooler ID	Field ID	Bottle Test ID(s)

Bottles Not Intact

Field ID	Bottle Test ID(s)	Loose Cap	Damaged Cap		Damaged Container		Evidence Tape Not Intact
			CK	BR	CK	BR	

Samples with Insufficient Volume for Analyses

Field ID	Bottle Test ID(s)	Action Taken

ENCORE SAMPLES

S-VOC-MS samples in Encores must be frozen within 48 hours of collection.

Were Encore samples received? Yes_____ No_____

Date and time placed in freezer _____

Were all samples placed in freezer within 48 hours of collection? Yes_____ No_____

If no, were samples shipped on dry ice? Yes_____ No_____

FOR CLEAN LAB USE ONLY – Total Mercury Preservation Check (W-HG-AF; W-HG-AF-F):

Samples preserved within 48 hours? Yes_____ No_____

Date and time samples preserved: _____

Additional Comments:

5/24/16
Clell Ford Phone 863 402-6545
Highlands County
4344 George Blvd
Stirling State FL ZIP 33875

Sample Receiving Phone 850 245-8085

FLORIDA DEP/CHEMISTRY SECTION
2600 BLAIRSTONE RD
ALLAHASSEE State FL ZIP 32399

Barcode 8100 1917 5149

4 Express Package Service
Next Business Day
FedEx First Overnight
FedEx Priority Overnight
FedEx Standard Overnight
2 or 3 Business Days
FedEx 2Day A.M.
FedEx 2Day
FedEx Express Saver

5 Packaging
FedEx Envelope
FedEx Pak
FedEx Box
FedEx Tube
Other

6 Special Handling and Delivery Signature Options
Saturday Delivery
No Signature Required
Direct Signature
Indirect Signature
Does this shipment contain dangerous goods?

7 Payment Bill to:
Sender
Recipient
Third Party
Credit Card
Cash/Check
Total Packages
Total Weight
44 lbs

12/16
Clell Ford Phone 863 402-6545
Highlands County
4344 George Blvd
Stirling State FL ZIP 33875

Sample Receiving Phone 850 245-8085

FLORIDA DEP/CHEMISTRY SECTION
2600 BLAIRSTONE RD
ALLAHASSEE State FL ZIP 32399

Barcode 8100 1917 5193

4 Express Package Service
Next Business Day
FedEx First Overnight
FedEx Priority Overnight
FedEx Standard Overnight
2 or 3 Business Days
FedEx 2Day A.M.
FedEx 2Day
FedEx Express Saver

5 Packaging
FedEx Envelope
FedEx Pak
FedEx Box
FedEx Tube
Other

6 Special Handling and Delivery Signature Options
Saturday Delivery
No Signature Required
Direct Signature
Indirect Signature
Does this shipment contain dangerous goods?

7 Payment Bill to:
Sender
Recipient
Third Party
Credit Card
Cash/Check
Total Packages
Total Weight
58 lbs