

SMP: Highlands Lakes

Central Laboratory Submittal Form

last revised Nov 10, 2015

Customer: SO-DIST

Requester: Benjamin Paswater

Field Report Prepared By: Cliff Ford

Project ID: SMP

Collected By: Cliff FordSampling Agency: Highlands County

RQ-2016-04-11-05		☐ Comp ☒ Grab		Collection (comp begin or grab) Date <u>4-26-16</u> Time <u>11:25</u>		☒ Eastern ☐ Central		Composite end Date _____ Time _____		Bottle Group(s) (See pg 2)	
1860E Hill Lake @ North		G4HL042016-11 Field ID STORET # G4SD0129		Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>		Diss. Oxygen <u>110.6</u>		☐ mg/L ☒ % sat		Total Res. Chlorine (mg/L) <u>N/A</u>	
Temp (C) <u>26.31</u>		pH <u>6.72</u>		Sample Depth <u>0.5</u>		☒ ft ☐ m		Sp. Conductance (umho/cm) <u>not cal</u>			
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) <u>N/A</u>		Comments					
RQ-2016-04-11-05		☐ Comp ☒ Grab		Collection (comp begin or grab) Date <u>4-26-16</u> Time <u>11:36</u>		☒ Eastern ☐ Central		Composite end Date _____ Time _____		Bottle Group(s)	
1860E Hill Lake @ Center		G4HL042016-12 Field ID STORET # G4SD0130		Matrix (type, e.g., Salt, Fresh, etc) <u>fresh</u>		Diss. Oxygen <u>109.6</u>		☐ mg/L ☒ % sat		Total Res. Chlorine (mg/L) <u>N/A</u>	
Temp (C) <u>26.32</u>		pH <u>6.67</u>		Sample Depth <u>0.5</u>		☒ ft ☐ m		Sp. Conductance (umho/cm) <u>not cal</u>			
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) <u>N/A</u>		Comments					
RQ-2016-04-11-05		☐ Comp ☒ Grab		Collection (comp begin or grab) Date <u>4-26-16</u> Time <u>11:43</u>		☒ Eastern ☐ Central		Composite end Date _____ Time _____		Bottle Group(s)	
1860E Hill Lake @ West Side		G4HL042016-13 Field ID STORET # * 26010586		Matrix (type, e.g., Salt, Fresh, etc) <u>fresh</u>		Diss. Oxygen <u>109.8</u>		☐ mg/L ☒ % sat		Total Res. Chlorine (mg/L) <u>N/A</u>	
Temp (C) <u>26.84</u>		pH <u>6.64</u>		Sample Depth <u>0.5</u>		☒ ft ☐ m		Sp. Conductance (umho/cm) <u>not cal</u>			
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) <u>N/A</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>Cliff Ford</u>	Date/Time: <u>4-26-16 / 14:00</u>	Shipping Method: <u>Fed Ex</u>	Received By: <u>[Signature]</u>	Date/Time: <u>4-27-16 09:25</u>	Relinquished By:	Date/Time:	Received By:	Date/Time:
------------------------------------	-----------------------------------	--------------------------------	---------------------------------	---------------------------------	------------------	------------	--------------	------------

Group: A Bottle Type: P-1L # of Bottles: 15 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: P-1L # of Bottles: 15 Preservative: ICE Enter Number of Bottles Sent to Lab _____

BOD-UNIN

Group: A Bottle Type: BP-1L # of Bottles: 15 Preservative: ICE Enter Number of Bottles Sent to Lab _____

CHLORIDE-W

Group: A Bottle Type: P-500ML # of Bottles: 15 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: 15 Preservative: ICE-FLTR Enter Number of Bottles Sent to Lab _____

W-PO4-F

SMP: Highlands Lakes

Central Laboratory Submittal Form

last revised Nov 10, 2015

Customer: SO-DIST

Requester: Benjamin Paswater

Field Report Prepared By:

Clell Ford

Project ID: SMP

Collected By:

Clell Ford

Sampling Agency:

Highlands County

RQ-2016-04-11-05		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 4-26-16 Time 11:54		☒ Eastern ☐ Central		Composite end Date Time		Bottle Group(s) (See pg 2)	
1860E Hill Lake @ South Side		G4HL042016-14 Field ID STORET G4SD0131		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 108.6		☐ mg/L ☒ % sat		Total Res. Chlorine (mg/L) N/A	
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Temp (C) 26.32		pH 6.58		Sample Depth 0.5		Sp. Conductance (umho/cm) not cal	
Salinity (ppt) N/A		Comments									
RQ-2016-04-11-05		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 4-26-16 Time 12:06		☒ Eastern ☐ Central		Composite end Date Time		Bottle Group(s)	
1860E Hill Lake @ East Side		G4HL042016-15 Field ID STORET G4SD0132		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 107.3		☐ mg/L ☒ % sat		Total Res. Chlorine (mg/L) N/A	
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Temp (C) 26.28		pH 6.58		Sample Depth 0.5		Sp. Conductance (umho/cm) not cal	
Salinity (ppt) N/A		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					
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:	Date/Time	Shipping Method	Received By:	Date/Time	Relinquished By:	Date/Time	Received By:	Date/Time
h24	4-26-16/14:00	FedEx	ABP	4-27-16/09:25				

Group: A Bottle Type: P-1L # of Bottles: 15 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: P-1L # of Bottles: 15 Preservative: ICE Enter Number of Bottles Sent to Lab _____

BOD-UNIN

Group: A Bottle Type: BP-1L # of Bottles: 15 Preservative: ICE Enter Number of Bottles Sent to Lab _____

CHL SUITE-W

Group: A Bottle Type: P-500ML # of Bottles: 15 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: 15 Preservative: ICE-FLTR Enter Number of Bottles Sent to Lab _____

W-PO4-F

Date of Request: 25-FEB-2016
 Created By: PASWATER_B On: 25-FEB-2016
 Modified By: WATTS_J On: 17-MAR-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: 17-MAR-2016
 Biology Request Reviewed By: SWANSON_C On: 16-MAR-2016
 Sampling Kit Required: YES Ship on: 01-APR-2016
 Sampling Kit Shipped: YES On: 01-APR-2016
 Sampling Kit Packed By: KITCHEN_S
 Preservatives Needed: YES
 Date to Receive Samples: 11-APR-2016
 Received By: SHAIK_A On: 27-APR-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

Pythias
 Henry
 Sirena

1 - Case of Sulfuric Acid

Bottle Group A (Water) With 15 Samples:

Bottle Type: P-1L	Number of Bottles: 15	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO3/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-SO4-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: P-1L	Number of Bottles: 15	Preserved With: ICE
BOD-UNIN	Template: DEFAULT	(SM 5210 B) BOD, NOT nitrogen-inhibited
Bottle Type: BP-1L	Number of Bottles: 15	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: 15	Preserved With: ICE And H2SO4
W-NH3	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
W-NO2NO3	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: 15	Preserved With: ICE-FLTR
W-PO4-F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

RQ-2016-04-11-05

Log-in Checklist

Shipping Method: FE2 ExpDate/Time of Receipt: 04-27-16/9:25

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		✓			
BLUE	1.0C	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: RP

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

Coolers Unpacked/Checked by: RP Date: 4-25-16 NCRs (Y/N)? /

Event ID: SMP: Highlands Lakes
SO-DIST-2016-04-27-01 (SMP)
Date Received: 27-APR-2016 09:25

NCR #

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 – Methyl Mercury Preservation Check:

Samples Preserved within 48 hours? Yes_____ No_____

Date and time samples preserved: _____

Additional Comments:

Ex Package Express US Airbill
FedEx Tracking Number 8094 7803 1350
4-26-16
Order's Clell Ford Phone 863 462-6545
Party Highlands County Board of County Comm
Address 4344 George Blvd Sebring State FL ZIP 33875
Internal Billing Reference

Shipper's SAMPLE RECEIVING Phone 850 245-8085
Party FLORIDA DEP/CHEMISTRY SECTION
Address 2600 BLAIRSTONE RD Tallahassee State FL ZIP 32399
Barcode 0121555852
8094 7803 1350

Ex Package Express US Airbill
FedEx Tracking Number 8094 7803 1349
4-26-16
Order's Clell Ford Phone 863 462-6545
Party Highlands County Board of County Comm
Address 4344 George Blvd Sebring State FL ZIP 33875
Internal Billing Reference
Shipper's SAMPLE RECEIVING Phone 850 245-8085
Party FLORIDA DEP/CHEMISTRY SECTION
Address 2600 BLAIRSTONE RD Tallahassee State FL ZIP 32399
Barcode 0121555852
8094 7803 1349

Form 0215
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
Packaging
Special Handling and Delivery Signature Options
Payment Bill to:
Barcode 0121555852
611

Form 0215
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
Packaging
Special Handling and Delivery Signature Options
Payment Bill to:
Barcode 0121555852
611