

SMP: Highlands Lakes

Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: SO-DIST

Requester: Benjamin Paswater

Field Report Prepared By:

Project ID: SMP

Collected By:

Sampling Agency:

RQ-2016-05-30-13		☐ Comp ☒ Grab		Collection (comp begin or grab) Date <u>28 Jun 16</u> Time <u>9:48</u>		☒ Eastern ☐ Central		Composite end Date _____ Time _____		Bottle Group(s) (See pg 2)	
1758G Lake Pythias @ West Side		G4HL062016-C Field ID STORET G4SD0140		Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>		Diss. Oxygen <u>109.9</u>		☐ mg/L ☒ % sat		Total Res. Chlorine (mg/L) <u>N/A</u>	
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Temp (C) <u>30.32</u>		pH <u>6.97</u>		Sample Depth <u>0.5</u>		Sp. Conductance (umho/cm) <u>not cal</u>	
				Salinity (ppt) <u>N/A</u>		Comments <u>Total depth = 13.25'</u>					
RQ-2016-05-30-13		☐ Comp ☒ Grab		Collection (comp begin or grab) Date <u>28 Jun 16</u> Time <u>9:31</u>		☒ Eastern ☐ Central		Composite end Date _____ Time _____		Bottle Group(s)	
1758G Lake Pythias @ North Side		G4HL062016-B Field ID STORET G4SD0139		Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>		Diss. Oxygen <u>113.8</u>		☐ mg/L ☒ % sat		Total Res. Chlorine (mg/L) <u>N/A</u>	
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Temp (C) <u>30.36</u>		pH <u>6.92</u>		Sample Depth <u>0.5</u>		Sp. Conductance (umho/cm) <u>not cal</u>	
				Salinity (ppt) <u>N/A</u>		Comments <u>Total depth = 7.5'</u>					
RQ-2016-05-30-13		☐ Comp ☒ Grab		Collection (comp begin or grab) Date <u>28 Jun 16</u> Time <u>9:40</u>		☒ Eastern ☐ Central		Composite end Date _____ Time _____		Bottle Group(s)	
1758G Lake Pythias @ Middle		G4HL062016-A Field ID STORET G4SD0138		Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>		Diss. Oxygen <u>118.7</u>		☐ mg/L ☒ % sat		Total Res. Chlorine (mg/L) <u>N/A</u>	
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Temp (C) <u>30.40</u>		pH <u>6.92</u>		Sample Depth <u>0.5</u>		Sp. Conductance (umho/cm) <u>not cal</u>	
				Salinity (ppt) <u>N/A</u>		Comments <u>Secchi transparency = 7 feet / Total depth = 16.5'</u>					
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:

Date/Time

Shipping Method

Number of Coolers Shipped:

Received By:

Date/Time

[Signature]6/28/16 / 14:15Fed Ex[Signature]6-28-16 / 10:18

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

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 Ford

Sampling Agency:

Highlands County

RQ-2016-05-30-13		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 28 Jun 16 Time 12:05	☒ Eastern ☐ Central	Composite end Date	Time	Bottle Group(s) (See pg 2)
1938 E Persimmon Lake Center	G4HL062016-L Field ID STORET * 26010303 	Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 145.8	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L) N/A	A
Temp (C) 29.92	pH 8.44	Sample Depth 0.5	☒ ft ☐ m	Sp. Conductance (umho/cm) not cal			
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) N/A	Comments: Secchi Transparency 1.25 feet / Total depth = 10.5'				
RQ-2016-05-30-13		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 28 Jun 16 Time 9:20	☒ Eastern ☐ Central	Composite end Date	Time	Bottle Group(s)
1758G Lake Pythias @ East Side	G4HL062016-E Field ID STORET G4SD0142 	Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 117.8	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L) N/A	A
Temp (C) 30.22	pH 7.28	Sample Depth 0.5	☒ ft ☐ m	Sp. Conductance (umho/cm) not cal			
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) N/A	Comments: Total depth = 9.75'				
RQ-2016-05-30-13		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 28 Jun 16 Time 9:55	☒ Eastern ☐ Central	Composite end Date	Time	Bottle Group(s)
1758G Lake Pythias @ South Side	G4HL062016-D Field ID STORET G4SD0141 	Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 115.7	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L) N/A	A
Temp (C) 30.27	pH 6.78	Sample Depth 0.5	☒ ft ☐ m	Sp. Conductance (umho/cm) not cal			
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) N/A	Comments: Total depth = 13.75'				
Location		☐ Comp ☐ Grab	Collection (comp begin or grab) Date	☐ 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

Number of Coolers Shipped:

Received By:

Date/Time

J. Ford

28 Jun 16 / 14:15

Fed Ex

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 _____

OHLSUITE-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

Date of Request: 26-APR-2016
 Created By: PASWATER_B On: 26-APR-2016
 Modified By: SWANSON_C On: 11-MAY-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: 11-MAY-2016
 Biology Request Reviewed By: SWANSON_C On: 11-MAY-2016
 Sampling Kit Required: YES Ship on: 20-MAY-2016
 Sampling Kit Shipped: YES On: 24-MAY-2016
 Sampling Kit Packed By: LASHLEY_C
 Preservatives Needed: YES
 Date to Receive Samples: 30-MAY-2016
 Received By: KITCHEN_S On: 28-JUN-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
 Pearl
 Hill
 Persimmon
 Pythias
 Henry
 Sirena

1 - Case of Sulfuric Acid

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

Bottle Group A (Water) With 11 Samples:

Bottle Type: P-125ML Number of Bottles: 11 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-DS-30-13

Log-in Checklist

Shipping Method: FedexDate/Time of Receipt: 6-29-16/10:18

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		
Blue	1.0	12		☒	
Blue	0.5				

*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 $\leq$ 2.0? Yes ☒ No ☐ NA ☐ Init: SK

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

Coolers Unpacked/Checked by: SK Date: 6-29-16

NCRs (Y/N)? N

Event ID: SO-DIST-2016-06-29-02

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 – 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:

00406
01000**FedEx** Express
Package
US AirbillFedEx
Tracking
Number

8100 1917 8365

MUR 1

Recipient's Copy

Packages up to 150 lbs.
For packages over 150 lbs., use the
FedEx Express Freight US Airbill.

1 From

Date

28 Jun 16

Sender's
Name

Cliff Ford

Phone

863 42-6545

Company

Highlands County

Address

4344 George Blvd

City

Sebring

State

FL

ZIP

33875

2 Your Internal Billing Reference

3 To

Recipient's
Name

SAMPLE RECEIVING

Phone

850 245-8085

Company

FLORIDA DEP/CHEMISTRY SECTION

Address

2600 BLAIRSTONE RD

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Dept./Floor/Suite/Room

Address

Use this line for the HOLD location address or for continuation of your shipping address.

City

TALLAHASSEE

State

FL

ZIP

32399

0123448864



8100 1917 8365

Form
ID No.

0215

4 Express Package Service

* To most locations.

Next Business Day

☐ FedEx First Overnight
Earliest next business morning delivery to select
locations. Friday shipments will be delivered on
Monday unless Saturday Delivery is selected.☒ FedEx Priority Overnight
Next business morning.* Friday shipments will be
delivered on Monday unless Saturday Delivery
is selected.☐ FedEx Standard Overnight
Next business afternoon.*
Saturday Delivery NOT available.

2 or 3 Business Days

☐ FedEx 2Day A.M.
Second business morning.*
Saturday Delivery NOT available.☐ FedEx 2Day
Second business afternoon.* Thursday shipments
will be delivered on Monday unless Saturday
Delivery is selected.☐ FedEx Express Saver
Third business day.*
Saturday Delivery NOT available.

5 Packaging *Declared value limit \$500.

☐ FedEx Envelope*☐ FedEx Pak*☐ FedEx
Box☐ FedEx
Tube☒ Other

6 Special Handling and Delivery Signature Options Fees may apply. See the FedEx Service Guide.

☐ Saturday Delivery
NOT available for FedEx Standard Overnight, FedEx 2Day A.M., or FedEx Express Saver.☐ No Signature Required
Package may be left without
obtaining a signature for delivery.☐ Direct Signature
Someone at recipient's address
may sign for delivery.☐ Indirect Signature
If no one is available at recipient's
address, someone at a neighboring
address may sign for delivery. For
residential deliveries only.

Does this shipment contain dangerous goods?

One box must be checked.

☐ No☐ YesAs per attached
Shipper's Declaration.☐ YesShipper's Declaration
not required.☐ Dry Ice

Dry Ice, 9 UN 1845

x kg

Restrictions apply for dangerous goods — see the current FedEx Service Guide.

☐ Cargo Aircraft Only

7 Payment Bill to:

Enter FedEx Acct No. or Credit Card No. below.

Obtain recip.
Acct. No. ☐☐ Sender
Acct No. in Section
1 will be billed.☒ Recipient☐ Third Party☐ Credit Card☐ Cash/Check

Total Packages

Total Weight

362

lbs.

Credit Card Auth.

*Our liability is limited to US\$100 unless you declare a higher value. See the current FedEx Service Guide for details.

New Date 5/15 • Part #16134 • ©1994-2015 FedEx • PRINTED IN U.S.A. SRM

611

fedex.com 1800.GoFedEx 1800.463.3339

fedex.com 1800.GoFedEx 1800.463.3339

00407

01000

FedEx
Express

 Package
US Airbill

FedEx Tracking Number 8100 1917 8376

1 From

Date 28 Jun 16

Sender's Name Clell Ford

Phone 863 402-6515

Company Highlands County

Address 11344 George Blvd

City Sebring

State FL ZIP 33870

2 Your Internal Billing Reference

3 To

Recipient's Name SAMPLE RECEIVING

Phone 850 245-8085

Company FLORIDA DEP/CHEMISTRY SECTION

Address 2600 BLAIRSTONE RD

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Dept./Floor/Suite/Room

Address

Use this line for the HOLD location address or for continuation of your shipping address.

City TALLAHASSEE

State FL ZIP 32399

0123448864



8100 1917 8376

MUR1

Form ID No. 0215

Recipient's Copy

4 Express Package Service

* To most locations.

 Packages up to 150 lbs.
For packages over 150 lbs., use the
FedEx Express Freight US Airbill.

Next Business Day

☐ FedEx First Overnight
Earliest next business morning delivery to select locations. Friday shipments will be delivered on Monday unless Saturday Delivery is selected.

☒ FedEx Priority Overnight
Next business morning.* Friday shipments will be delivered on Monday unless Saturday Delivery is selected.

☐ FedEx Standard Overnight
Next business afternoon.* Saturday Delivery NOT available.

2 or 3 Business Days

☐ FedEx 2Day A.M.
Second business morning.* Saturday Delivery NOT available.

☐ FedEx 2Day
Second business afternoon.* Thursday shipments will be delivered on Monday unless Saturday Delivery is selected.

☐ FedEx Express Saver
Third business day.* Saturday Delivery NOT available.

5 Packaging *Declared value limit \$500

☐ FedEx Envelope* ☐ FedEx Pak* ☐ FedEx Box ☐ FedEx Tube ☒ Other

6 Special Handling and Delivery Signature Options Fees may apply. See the FedEx Service Guide.

☐ Saturday Delivery
NOT available for FedEx Standard Overnight, FedEx 2Day A.M., or FedEx Express Saver.

☐ No Signature Required
Package may be left without obtaining a signature for delivery.

☐ Direct Signature
Someone at recipient's address may sign for delivery.

☐ Indirect Signature
If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only.

Does this shipment contain dangerous goods?

☐ No ☐ Yes ☐ Yes ☐ Dry Ice ☐ Cargo Aircraft Only
As per attached Shipper's Declaration. Shipper's Declaration not required. Dry Ice, 9, UN 1845 x kg

Restrictions apply for dangerous goods — see the current FedEx Service Guide.

7 Payment Bill to:

Enter FedEx Acct. No. or Credit Card No. below.

Obtain recip. Acct. No. ☐
☐ Sender ☒ Recipient ☐ Third Party ☐ Credit Card ☐ Cash/Check
Acct. No. in Section 1 will be billed.

Total Packages 1

Total Weight 47 lbs.

Credit Card Auth.

Our liability is limited to USD100 unless you declare a higher value. See the current FedEx Service Guide for details.

61.7.1

fedex.com 1800.GoFedEx 1800.463.3339

fedex.com 1800.GoFedEx 1800.463.3339