

SMP: Highlands Lakes

Central Laboratory Submittal Form

last revised Nov 10, 2015

Customer: SO-DIST

Requester: Benjamin Paswater

Field Report Prepared By: *Ben Paswater*

Project ID: SMP

Collected By: *Ben Paswater, Chris Link*Sampling Agency: *FDEP South*

Location		☒ Comp ☒ Grab	Collection (comp begin or grab) Date <i>3/7/16</i> Time <i>1100</i>	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
RQ-2016-03-07-23 3/7/2016 1730D Lake Adelaide Center South		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen <i>8.8</i>	☒ mg/L ☒ % sat	Total Res. Chlorine (mg/L) <i>97%</i>
SD030716-4 Field ID STORET 26010325*		Temp (C) <i>20.1</i>		pH <i>6.0</i>	Sample Depth <i>0.3</i>	Sp. Conductance (umho/cm) <i>114</i>
☐ dd ☐ dms		☐ Salinity (ppt)		Comments		
Location		☒ Comp ☒ Grab	Collection (comp begin or grab) Date <i>3/7/16</i> Time <i>1350</i>	Eastern Central	Composite end Date Time	Bottle Group(s)
RQ-2016-03-07-23 3/7/2016 1938F Red Water Lake at Center		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen <i>9.9</i>	☒ mg/L ☒ % sat	Total Res. Chlorine (mg/L)
SD030716-6 Field ID STORET 26010694FTM		Temp (C) <i>20.9</i>		pH <i>7.2</i>	Sample Depth <i>0.3</i>	Sp. Conductance (umho/cm) <i>111</i>
☐ dd ☐ dms		☐ Salinity (ppt)		Comments		
Location		☒ Comp ☒ Grab	Collection (comp begin or grab) Date <i>3/7/16</i> Time <i>1105</i>	Eastern Central	Composite end Date Time	Bottle Group(s)
RQ-2016-02-08-19 3/8/2016 Lake Adelaide Center South - Duplicate		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
SD030816-7 Field ID STORET 26010325*		Temp (C)		pH	Sample Depth <i>0.3</i>	Sp. Conductance (umho/cm)
☐ 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: <i>Ben Paswater</i>	Date/Time: <i>3/7/16 4pm</i>	Shipping Method: <i>FedEx</i>	Received By: <i>ASG</i>	Date/Time: <i>03-08-16</i>	Relinquished By:	Date/Time:	Received By:	Date/Time:
--------------------------------------	------------------------------	-------------------------------	-------------------------	----------------------------	------------------	------------	--------------	------------

04.45

Group: A Bottle Type: P-1L # of Bottles: 6 Preservative: ICE Enter Number of Bottles Sent to Lab 3

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

Group: A Bottle Type: P-1L # of Bottles: 6 Preservative: ICE Enter Number of Bottles Sent to Lab 3

BOD-UNIN

Group: A Bottle Type: BP-1L # of Bottles: 6 Preservative: ICE Enter Number of Bottles Sent to Lab 3

CHLSUITE-W

Group: A Bottle Type: P-500ML # of Bottles: 6 Preservative: ICE And H2SO4 Enter Number of Bottles Sent to Lab 3

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

Group: A Bottle Type: P-125ML # of Bottles: 6 Preservative: ICE-FLTR Enter Number of Bottles Sent to Lab 3

W-PO4-F

Date of Request: 10-FEB-2016
 Created By: PASWATER_B On: 10-FEB-2016
 Modified By: WATTS_J On: 18-FEB-2016
 Customer: SO-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: South District
 Sampling Event: SMP: Highlands Lakes

Send Coolers To:

Phone: 239-332-6975 SC 748-6975
 FLDEP South District Office
 2295 Victoria Ave. Suite 364
 Fort Myers, FL 33901
 Attn: Ben Paswater

Program Module Number:
 Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 18-FEB-2016
 Biology Request Reviewed By: SWANSON_C On: 12-FEB-2016
 Sampling Kit Required: YES Ship on: 26-FEB-2016
 Sampling Kit Shipped: YES On: 23-FEB-2016
 Sampling Kit Packed By: LASHLEY_C
 Preservatives Needed: NO
 Date to Receive Samples: 07-MAR-2016
 Received By: SHAIK_A On: 08-MAR-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

Bottle Group A (Water) With 6 Samples:

Bottle Type: P-1L	Number of Bottles: 6	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: P-1L	Number of Bottles: 6	Preserved With: ICE
BOD-UNIN	Template: DEFAULT	(SM 5210 B) BOD, NOT nitrogen-inhibited
Bottle Type: BP-1L	Number of Bottles: 6	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: 6	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: 6	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- 2016-03-07-23

Shipping Method: Red Exp

Date/Time of Receipt: 03-08-16/9:45

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	26C	15		☒			

*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: ADP

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

Coolers Unpacked/Checked by: ADP

Date: 03-08-16

NCRs (Y/N)? —

Event ID: SMP: Highlands Lakes
SO-DIST-2016-03-08-01 (SMP)

NCR # —

Date Received: 08-MAR-2016 09:45

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:

01000

FedEx
ExpressPackage
US AirbillFedEx
Tracking
Number

8094 7803 2437

Form
ID No. 0215

MUR3

07073

fedex.com 1.800.GoFedEx 1.800.463.3339

1 From [REDACTED]
 Date 3/7/16
 Sender's Name Bln
 Phone 317 289 5236

Company

Address

Dept./Floor/Suite/Room

City

State

ZIP

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.

Hold Weekday
 FedEx location address
 REQUIRED. NOT available for
 FedEx First Overnight.

Hold Saturday
 FedEx location address
 REQUIRED. Available ONLY for
 FedEx Priority Overnight and
 FedEx 2Day to select locations.

City TALLAHASSEE

State

FL ZIP 32399

0121555852



8094 7803 2437

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 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 ☐ Yes
 As per attached
 Shipper's Declaration.
- ☐ Yes
 Shipper's Declaration
 not required.
- ☐ Dry Ice
 Dry Ice, 9 UN 1845 _____ 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 _____ lbs.
- Credit Card Auth.

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

Rev. Date 5/15 • Part #153134 • ©1994-2015 FedEx • PRINTED IN U.S.A. SP14

05000015