

Request Number: RQ-2017-02-06-30

SMP: Highlands Lakes

Florida Department of Environmental Protection Central Laboratory Submittal Form

Page 1 of 2

last revised Apr 7, 2016

Customer: SO-DIST

Project ID: SMP

Requester: Corey R. Anderson

Collected By:

Field Report Prepared By:

Sampling Agency:

RQ-2017-02-06-30		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 2/20/17 Time 11:25		☒ Eastern ☐ Central		Composite end Date Time		Bottle Group(s) (See pg 2)	
WBID1893 Huckleberry Lake @ Center		G4HL022017-6 Field ID STORET 26010669FTM		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 81.0		☐ mg/L ☒ % sat		Total Res. Chlorine (mg/L) NA	
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Temp (C) 22.10		pH 8.19	
Salinity (ppt)		NA		Sample Depth 0.5		☒ ft ☐ m		Sp. Conductance (umho/cm) 107		Comments Transparency 2.25' - suspended algae present	
RQ-2017-02-06-30		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 2/20/17 Time 10:30		☒ Eastern ☐ Central		Composite end Date Time		Bottle Group(s)	
WBID1860E Hill Lake @ Center		G4HL022017-5 Field ID STORET G4SD0130		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 80.1		☐ mg/L ☒ % sat		Total Res. Chlorine (mg/L) NA	
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Temp (C) 22.26		pH 7.94	
Salinity (ppt)		NA		Sample Depth 0.5		☒ ft ☐ m		Sp. Conductance (umho/cm) 58		Comments Transparency 9'	
RQ-2017-02-06-30		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 2/20/17 Time 9:40		☒ Eastern ☐ Central		Composite end Date Time		Bottle Group(s)	
WBID 1938 Lake Henry @ Middle		G4HL022017-3 Field ID STORET 26010649FTM		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 94.7		☐ mg/L ☒ % sat		Total Res. Chlorine (mg/L) NA	
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Temp (C) 22.22		pH 8.46	
Salinity (ppt)		NA		Sample Depth 0.5		☒ ft ☐ m		Sp. Conductance (umho/cm) 146		Comments Transparency 6'	
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

Number of Coolers Shipped:

Received By:

Date/Time

2/20/17 1:35

FedEx

1

7/1/17

02/21/17 9:55a

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: 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: 12-JAN-2017
 Created By: ANDERSON_C On: 12-JAN-2017
 Modified By: MATTHEWS_D On: 18-JAN-2017
 Customer: SO-DIST
 Project: SMP
 Division: Not Applicable
 District:
 Sampling Event: SMP: Highlands Lakes

Send Coolers To:

Phone: 863-402-6545
 Highlands County Natural Resources
 4344 George Blvd
 Sebring, FL 33875-5803
 Attn: Clell Ford

Program Module Number:
 Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 17-JAN-2017
 Biology Request Reviewed By: MATTHEWS_D On: 18-JAN-2017
 Sampling Kit Required: YES Ship on: 06-FEB-2017
 Sampling Kit Shipped: YES On: 06-FEB-2017
 Sampling Kit Packed By: GREENWOO_J
 Preservatives Needed: YES
 Date to Receive Samples: 06-FEB-2017
 Received By: REYNOLDS_T On: 21-FEB-2017

Send Final Report To:

FLDEP South District Office
 2295 Victoria Ave. Suite 364
 Fort Myers, FL 33901-3381
 Attn: Corey Anderson

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

Comments: 1 - case sulfuric acid

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-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: 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-PO4-F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Log-in Checklist

RQ-2017-02-06-30

Shipping Method: Fedex

Date/Time of Receipt: 02/21/17 9:55 am

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	0.3	12		✓			811171119977

*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			W-CT-CI-R		

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

**Acid Preserved Samples: pH ≤ 2.0? Yes ☒ No ☐ NA ☐ Init: JK

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

Coolers Unpacked/Checked by: JK Date: 02/21/17 NCRs (Y/N)? N

Event ID: SO-OIST-2017-02-21-01 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: