RQ-2018-10-01-17

Log-in Checklist

Login Station ID: #2

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 12-7-18 / 10:10

Cooler Temperature*	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Tracking # (fill out only if waybill copy is damaged)
				Present?		*Intact?		
	HNO_3	Formalin		Yes	No	Yes	No	
2.0			4		✓			

* HNO3 and Formalin persevered samples do **NOT** have a temperature requirement. For all others, 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_____

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included? Yes_____ No_____ Date_____

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 REQUIRED? (Blue dot on container) Yes_____No_____Init:_____

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-E8321-DI, -MS, -21			W-NP-AA-SF		
W-BNA (-625, -R)			W-PDQUAT		
W-CARB-AA (-CAB-AA-R)			W-PCL-SQ-R		
W-U2060-MS			W-TR-TQ		
W-PCB-R			W-CT-CI-R		
W-PAH (-R)			W-PSNP-TQ		

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

**Acid Preserved Samples: pH ≤ 2.0? Yes ✓ No____ NA____ Init: SR

**W-1-4-DIOX (Green dot on container) preserved to pH< 4.0? Yes____No____NA ✓ Init: SR

Coolers Unpacked/Checked by: SR **Date:** 12-7-18 **NCRs (Y/N)?** N

Event ID: Lake Pythias, Huckleberry Lake, Pearl -SO-DIST-2018-12-07-01 (SMP) **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

Infrared Thermometer ID:	REC_02_2018
pH Paper 0.0 – 3.0 Lot #	230515 EXP:10-30-18
pH Paper 0 – 13 Lot #	222516 EXP:08-15-19
Chlorine Test Strips Lot #	7226 EXP: 07/2020

Additional Comments:

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_____If No_____

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: _____

Request Number: RQ-2018-10-01-17

Lake Pythias, Huckleberry Lake, Pearl Lake, Lake Henry

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: SO-DIST

Project ID: SMP

Requester: Maryann Dugan

Collected By: J. D. Foster

Field Report Prepared By: J. D. Foster

Sampling Agency: HCBCC

Field ID/WIN ID: G4SD0166	☐ Comp ☐ Grab	Collection (comp begin or grab) Date 12/6/18 Time 10:10 Eastern (circled) / Central			Composite end Date 12/6/18 Time 10:10	Bottle Group(s) (See pg 2)
Location: LakeHuckleberry-2Middle	Matrix (type, e.g., Salt, Fresh, etc): Fresh		Diss. Oxygen 6.68 ☑ mg/L; 73.7 ☑ % sat		Total Res. Chlorine (mg/L): NA	
	Temp (C): 20.1	pH: 7.80	Sample Depth: Surface ☐ ft ☐ m		Sp. Conductance (umho/cm): 89.7	
Latitude 27.45261 ☐ dd ☐ dms; Longitude 81.462889 ☐ 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)	
WIN/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)	
WIN/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)	
WIN/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. D. F.	12/6/18 12:00	Fedex Overnight	1	[signature]	12-7-18 / 10:10

Group: A	Bottle Type:	# of Bottles: 0	Preservative:	Enter Number of Bottles Sent to Lab _____
	ALKALINITY			
	CHLSUITE-W			
	TURBIDITY			
	W-CL-IC			
	W-COLOR			
	W-F			
	W-NH3			
	W-NO2NO3			
	W-PO4-F			
	W-S-A-TP			
	W-SO4-IC			
	W-TDS			
	W-TKN			
	W-TOC			
	W-TSS			

RQ-2018-10-01-17

Date of Request: 20-AUG-2018
Created By: DUGAN_M On: 20-AUG-2018
Modified By: SWANSON_C On: 12-SEP-2018
Customer: SO-DIST
Project: SMP
Division: Not Applicable
District: South District
Sampling Event: Lake Pythias, Huckleberry Lake, Pearl Lake, Lake Henry

Send Coolers To:

Phone: (863) 402-6545
Highlands County Parks and Natural Resources
4344 George Blvd.
Sebring, FL 33875
Attn: JD Foster

Send Final Report To:

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

Program Module Number:
Priority: 3
Event Status: R
Criminal Investigation: NO
Chemistry Request Reviewed By: AYRES_J On: 12-SEP-2018
Biology Request Reviewed By: SWANSON_C On: 12-SEP-2018
Sampling Kit Required: YES Ship on: 21-SEP-2018
Sampling Kit Shipped: YES On: 17-SEP-2018
Sampling Kit Packed By: REYNOLDS_T
Preservatives Needed: YES
Date to Receive Samples: 01-OCT-2018
Received By: REYNOLDS_T On: 01-NOV-2018

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

Comments: SMP: Highlands Lakes

4 vials of h2so4 - 8 labels

Bottle Group A (Water) With 4 Samples:

Bottle Type: P-1L		Number of Bottles: 4	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 using a maximum of 250 mL of sample	
Bottle Type: BP-1L		Number of Bottles: 4	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry	
Bottle Type: P-500ML		Number of Bottles: 4	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: 4	Preserved With: FILTER-ICE
W-PO4-F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L	

FedEx®

Do Not Lift Using This Tag

ORIGIN ID:AVOA (863) 402-6545
CLELL FORD
FLDEP SOUTH D
4344 GEORGE BLVD
4344 GEORGE BLVD
SEBRING, FL 33875
UNITED STATES US

SHIP DATE: 14FEB18
ACTWGT: 10.00 LB
CAD: 100182098/INET3980

TO **AMZAD SHAIK**
FL DEP
FL DEP CHEMISTRY SECTION
2600 BLAIR STONE RD
TALLAHASSEE FL 32399
(850) 245-8085 REF:
INV: DEPT:
PO:

552J1/1122D/DCA5

RMA:

FedEx Express

J181118012601uv

FedEx TRK# 0221 7907 7902 2690

FRI - 07 DEC 10:30A
PRIORITY OVERNIGHT

36 TLHA

32399
FL-US
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FID 577056 06DEC18 AVOA 553C1/F1FE/0C8A