

RQ- 2020-01-06-36

Login Checklist

Login Station ID: #2

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 1/7/2020 @ 9:50am

Cooler Temperature*	Samples Frozen YES	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Tracking # Damaged waybills only
		HNO ₃	Formalin		Present? Yes No	*Intact? Yes No			
2.4				12		✓			127840104150

*All samples received on ice unless otherwise noted. If the temperature of a cooler is above 6.0 °C (or above 10.0 °C for W-1-4-DIOX and microbiology), received without ice, or if Evidence Seal is damaged; identify the containers in the affected cooler(s) on back of this form. HNO₃ and Formalin preserved samples do **NOT** have a temperature requirement. **DOH coolers can exceed 2.0 °C above the standard temperature (6.0 or 10.0 °C) without login confirmation from customer for samples requiring ice preservation; An NCR still is required.**

**Chain of Custody/ Field Sheet(s) Included?

Yes

No

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included? Yes

No

**Note: If "No" is checked below, fill out the back of this form (Field ID, Test IDs, etc.) and generate an NCR.

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: IM

Chlorine detected? (One container checked per Field ID)

Yes

No

Init:

If "YES", list affected Field IDs and Test IDs below.

Field ID	List TestID(s) where Chlorine was Detected, an NCR is required.

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

**Acid Preserved Samples: pH ≤ 2.0?

Yes

No

NA

Init: IM

**W-1-4-DIOX (Green dot on container) preserved to pH < 4.0?

Yes

No

NA

Init: IM

Coolers Unpacked/Checked by: IM

Date: 1/7/2020

NCRs (Y/N)?

Hidden / Deaton / Ockahumpka

Event ID: CEN-DIST-2020-01-07-01 (SMP)

NCR #

Date Received: 07-JAN-2020 09:50

Login Checklist

Samples with Incorrect pH Preservation

Field ID	Bottle Test ID(s)	pH	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 EXP: 4/29/20
pH Test Strips 0 – 6 Lot #	
pH Paper 0 – 3 Lot #	
pH Paper 0 – 13 Lot #	215517 EXP: 6/1/20
Chlorine Test Strips Lot #	8261 EXP: 7/2020

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: _____

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Customer: CEN-DIST

Project ID: SMP

Requester: Michael Linger

Collected By: Leif Boman

Field Report Prepared By:

Mike Drennan

Sampling Agency:

FDEP-CEROC

Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 1/6/20 Time 1052		☒ Eastern ☐ Central	Composite end Date Time		Bottle Group(s) (See pg 2)
F	WIN ID / Field ID →	Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 7.65	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		A
V	Lake Okahumpka at center	Temp (C) 16.4	pH 7.14	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 247.7		
L		Salinity (ppt) ☐ dd ☐ dms		Comments				
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 1/6/20 Time 1124		☒ Eastern ☐ Central	Composite end Date Time		Bottle Group(s)
F	WIN ID / Field ID →	Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 7.96	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		A
V	Lake Deaton @ Center	Temp (C) 18.2	pH 7.16	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 168.6		
L		Salinity (ppt) ☐ dd ☐ dms		Comments				
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 1/6/20 Time 1205		☒ Eastern ☐ Central	Composite end Date Time		Bottle Group(s)
F	WIN ID / Field ID →	Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 2.66	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		A
V	Hidden Lake @ Center	Temp (C) 17.6	pH 7.30	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 290.0		
L		Salinity (ppt) ☐ dd ☐ dms		Comments				
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 1/6/20 Time 1333		☒ Eastern ☐ Central	Composite end Date Time		Bottle Group(s)
F	WIN ID / Field ID →	Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 9.08	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		A
V	Little Lake Weir @ Center	Temp (C) 19.2	pH 7.33	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 178.9		
L		Salinity (ppt) ☐ dd ☐ dms		Comments				

Relinquished By:

Mike Drennan

Date/Time

1/6/20 1530

Shipping Method

FedEx

Number of Coolers Shipped:

1

Received By:

Ian Mcloy

Date/Time

1/7/2020 9:50

★ Please add an additional Bottle Group A to this RQ

Group: A	Bottle Type:	P-1L	# of Bottles: 3 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 3 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 3 4	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	4
	W-NH3				H2SO4		
	W-NO2NO3				LOT# SA9010030		
	W-S-A-TP				EXP: 04/10/2020		
	W-TKN						
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 3 4	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	4
	W-PO4-F						

★ Please add an additional bottle Group A to this RQ

MKL

Date of Request: 19-DEC-2019
 Created By: LINGER_M On: 19-DEC-2019
 Modified By: JASROTIA_P On: 20-DEC-2019
 Customer: CEN-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Central District
 Sampling Event: Hidden / Deaton / Ockahumpka

Send Coolers To:

Phone: 407-894-4180
 FL Dept. of Environmental Protection
 3319 Maguire Blvd., Suite 232
 Orlando, FL 32803-3767
 Attn: Michael Linger

Program Module Number:

Priority: 3
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 20-DEC-2019
 Biology Request Reviewed By: JASROTIA_P On: 20-DEC-2019
 Sampling Kit Required: YES Ship on: 27-DEC-2019
 Sampling Kit Shipped: YES On: 26-DEC-2019
 Sampling Kit Packed By: SHAIK_A
 Preservatives Needed: NO
 Date to Receive Samples: 06-JAN-2020
 Received By:

Send Final Report To:

FL Dept. of Environmental Protection
 3319 Maguire Blvd., Suite 232
 Orlando, FL 32803-3767
 Attn: Michael Linger

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

Comments:**Bottle Group A (Water) With 3 Samples:**

Bottle Type: P-1L	Number of Bottles: 3	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-2011) 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-2011) True Color measured at 450 nm
Color (true)		
W-F	Template: DEFAULT	(SM 4500 F-C-2011) 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-2011) Total Dissolved Solids in aqueous matrices
W-TSS	Template: DEFAULT	(SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample
Bottle Type: BP-1L	Number of Bottles: 3	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: 3	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-2011) Nonpurgeable Organic Carbon in aqueous matrices
Bottle Type: P-125ML	Number of Bottles: 3	Preserved With: FILTER-ICE
W-PO ₄ -F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

* - The laboratory is not NELAP certified for this analyte/method, or certification is not applicable.