

RQ- 2020-07-20-70

Login Checklist

Login Station ID: #2

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 7/23/2020 10:45

*Cooler Temperature	Samples Frozen?	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Waybill Tracking #
					Present?		*Intact?		
	YES	HNO ₃	Formalin		Yes	No	Yes	No	
1.2				8		✓			12784015 1174

COOLER CHECK

*All samples received on ice unless otherwise noted. HNO3 and Formalin preserved samples do NOT have a temperature requirement.

- If the temperature of a cooler exceeds 6.0 oC (above 10.0 oC for W-1-4-DIOX and microbiology) or received without ice, identify affected samples in an NCR. NCR# _____
- DOH coolers can exceed 2.0 °C above the standard temperature (6.0 or 10.0 °C for W-1-4-DIOX) without login confirmation from customer for samples requiring ice preservation; identify affected samples in an NCR. NCR# _____
- If cooler or samples are received with a damaged Evidence Seal; identify the affected samples in an NCR. NCR# _____
- If coolers or samples are received late; identify the affected samples in an NCR. NCR# _____

Chain of Custody/ Field Sheet(s) Included?

Yes ☒ No _____

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

Yes _____ No ☒

CONTAINER CHECK

Evidence Tape on Bottles?

Yes _____ No _____ NA ☒

Evidence Tape intact? Yes _____ No _____

If Criminal, photographs taken?

Yes ☒ No _____

Containers intact? Yes ☒ No _____

Caps on tight?

Yes ☒ No _____

Sufficient Sample Volume:

Yes ☒ No _____

If **NO** is checked above, generate an NCR listing affected sample IDs in its appropriate category. NCR# _____

CHLORINE CHECK REQUIRED? (Blue dot on container)

Yes _____ No ☒ Init: IM

Chlorine detected? (One container checked per Field ID)

Yes _____ No _____ Init: _____

If chlorine is detected, generate an NCR listing affected sample IDs . NCR# _____

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

If samples were not preserved correctly, generate an NCR listing affected sample IDs . NCR# _____

Coolers Unpacked/Checked by: IM

Date: 7/23/2020

Event contains NCRs (Y/N)? ☒

Coon Lake and Lake Center
Event ID: CEN-DIST-2020-07-23-02 (SMP)

Date Received: 23-JUL-2020 10:45

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	IR TEMP GUN #2 exp:11/5/20
pH Test Strips 0 – 6	
pH Paper 0 – 3	
pH Paper 0 – 13	231019 exp: 11/1/22
Chlorine Test Strips	8261 exp: 07/2021

ENCORE SAMPLES

S-VOC-MS samples in Encores must be frozen within 48 hours of collection.

Were Encore samples received? Yes _____ Init: _____

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 _____

If S-VOC-MS samples were not preserved correctly, generate an NCR listing affected sample IDs . NCR# _____

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**

Coon Lake and Lake Center

last revised Jan 25, 2018

Customer: CEN-DIST

Requester: Leif Boman

Field Report Prepared By:

Victoria Schwartz

Project ID: SMP

Collected By:

Terry Riordan / Victoria Schwartz

Sampling Agency:

21 FL CEN

Location	Field ID		WIN/STORE		Latitude		Longitude		☐ dd ☐ dms		 G4CE0163		☐ Comp ☒ Grab		Collection (comp begin or grab)		Date <u>7/22/20</u> Time <u>9:47</u>		Eastern Central		Composite end		Date Time		Bottle Group(s) (See pg 2)																																												
WIN ID / Field ID → Lake Center @ Center										Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>										Diss. Oxygen		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		Temp (C) <u>30.3</u> pH <u>5.77</u>		Sample Depth <u>0.318</u>		☐ ft ☒ m		Sp. Conductance (umho/cm) <u>162.8</u>		A																																			
WIN ID / Field ID → Coon Lake @ Center										Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>										Diss. Oxygen		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		Temp (C) <u>30.4</u> pH <u>6.23</u>		Sample Depth <u>0.312</u>		☐ ft ☒ m		Sp. Conductance (umho/cm) <u>159.1</u>		A																																			
WIN/STORET #										Matrix (type, e.g., Salt, Fresh, etc)										Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		Temp (C)		pH		Sample Depth		☐ ft ☐ m		Sp. Conductance (umho/cm)																																			
Latitude										Longitude										Salinity (ppt)										Comments																																							
Location										☐ Comp ☐ Grab										Collection (comp begin or grab)										Eastern Central										Composite end										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										Longitude										Salinity (ppt)										Comments																																							
Location										☐ Comp ☐ Grab										Collection (comp begin or grab)										Eastern Central										Composite end										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										Longitude										Salinity (ppt)										Comments																																							

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
<u>Victoria Schwartz</u>	<u>7/22/20 13:30</u>	<u>Fed Ex</u>	<u>1</u>	<u>IM</u>	<u>7/23/20 10:45</u>

Group: A	Bottle Type:	# of Bottles: 0	Preservative:	Enter Number of Bottles Sent to Lab
	ALKALINITY			2
	CHLSUITE-W		H2SO4	
	TURBIDITY		LOT# SA9354058	
	W-CL-IC		EXP: 12/28/2020	
	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			

Date of Request: 16-JUL-2020
 Created By: BOMAN_L On: 16-JUL-2020
 Modified By: JASROTIA_P On: 22-JUL-2020
 Customer: CEN-DIST
 Project: SMP
 Division:
 District: Central District
 Event Description: Coon Lake and Lake Center

Send Coolers To:

Phone: 407-897-4178
 FL Dept. of Environmental Protection
 3319 Maguire Blvd., Suite 232
 Orlando, FL 32803-3767
 Attn: Natalie Ayala
 Cooler Ship Email: natalie.ayala@dep.state.fl.us

Priority: 3
 Event Status: A
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 21-JUL-2020
 Biology Request Reviewed By: JASROTIA_P On: 22-JUL-2020
 Sampling Kit Required: NO Ship on:
 Sampling Kit Shipped:
 Sampling Kit Packed By:
 Preservatives Needed: NO
 Date to Receive Samples: 20-JUL-2020
 Logged In By:

Send Final Report To:

FL Dept. of Environmental Protection
 3319 Maguire Blvd., Suite 232
 Orlando, FL 32803-3767
 Attn: Kalina Warren
 Report Notification Email: natalie.ayala@dep.state.fl.us

Comments:**Bottle Group A (Water) With 2 Samples:**

Bottle Type: P-1L	Number of Bottles: 2	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 (not valid for NPDES monitoring)
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: 2	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: 2	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: 2	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