

Log-in Checklist

RQ- **2019 - 05- 27 - 23**

Login Station ID: **# 3**

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: **05-31-2019 / 10:10**

Cooler Temperature*	Samples Frozen	* All Samples In Cooler Preserved with		Number of Sample Containers In Cooler	Evidence Tape				Tracking # Damaged waybills only
					Present?		*Intact?		
	YES	HNO ₃	Formalin		Yes	No	Yes	No	
3.1C				8		X			4751 8779 6801
2.9C				8		X			4751 8776 5044

* 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 and microbiology), or if Evidence Seal is damaged. Identify the containers in the affected cooler(s) on back of this form. 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 X No

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included? Yes No X

****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 X If yes, is it intact? Yes No

**Caps on tight? Yes X No **Containers intact? Yes X No

**Sufficient Sample Volume: Yes X No

CHLORINE CHECK REQUIRED? (Blue dot on container) Yes No X Init: ABS

Chlorine detected? (One container checked per Field ID) Yes No Init: ABS

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 X No NA Init: ABS

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

Coolers Unpacked/Checked by: ABS Date: 05-31-2019 NCRs (Y/N)?

Event ID: CEN-DIST - 2019 - 05 - 31 - 02 NCR #

Log-in Checklist

Samples with Incorrect pH Preservation

Field ID	Bottle TestID(s)	pH	Action Taken

Samples in Coolers with Incorrect Preservation or Damaged Evidence Tape

Cooler ID	Field ID	Bottle TestID(s)

Bottles Not Intact

Field ID	Bottle TestID(s)	Loose Cap	Damaged Cap		Damaged Container		Evidence Tape Not Intact
			CK	BR	CK	BR	

Samples with Insufficient Volume for Analyses

Field ID	Bottle TestID(s)	Action Taken

Additional Comments:

Infrared Thermometer ID:	REC 03 2018 EXP:04/29/2020
pH Test Strips 0 – 6 Lot #	213316AV EXP:05/15/2020
pH Paper 0 – 3 Lot #	220416A EXP:07/30/2020
pH Paper 0 – 13 Lot #	215517 exp:jun 1 2020
Chlorine Test Strips Lot #	8212 2021 / 05

ENCORE SAMPLES

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

Were Encore samples received? Yes _____ No **X**

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

Silver / Chain / Gleason

Customer: CEN-DIST

Project ID: SMP

Requester: Michael Linger

Collected By:

Leif Boman

Field Report Prepared By:

Mike Drennan

Sampling Agency:

FDEP-CEP-OC

Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>5/30/19</u> Time <u>1015</u>	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)
WIN ID / Field ID → Lake Charm @ Center		Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>		Diss. Oxygen <u>7.74</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
G2CE0080		Temp (C) <u>30.71</u>	pH <u>8.22</u>	Sample Depth <u>0.3</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>333</u>
☐ dms		☐ dd ☐ dms	Salinity (ppt)	Comments		
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>5/30/19</u> Time <u>1050</u>	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s)
WIN ID / Field ID → Silver Lake @ Center		Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>		Diss. Oxygen <u>7.40</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
G2CE0122		Temp (C) <u>30.65</u>	pH <u>6.99</u>	Sample Depth <u>0.3</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>262</u>
☐ dms		☐ dd ☐ dms	Salinity (ppt)	Comments		
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>5/30/19</u> Time <u>1143</u>	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s)
WIN ID / Field ID → Lake Gleason @ Center		Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>		Diss. Oxygen <u>4.83</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
G2CE0114		Temp (C) <u>29.55</u>	pH <u>6.98</u>	Sample Depth <u>0.3</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>182</u>
☐ dms		☐ dd ☐ dms	Salinity (ppt)	Comments		
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>5/30/19</u> Time <u>1230</u>	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s)
WIN ID / Field ID → Three Island Lake @ Center of South Lobe		Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>		Diss. Oxygen <u>6.72</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
G2CE0085		Temp (C) <u>31.01</u>	pH <u>6.25</u>	Sample Depth <u>0.3</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>118</u>
☐ dms		☐ dd ☐ dms	Salinity (ppt)	Comments		

Relinquished By: <u>Mike Drennan</u>	Date/Time <u>5/30/19</u>	Shipping Method <u>FedEx</u>	Number of Coolers Shipped: <u>2</u>	Received By: <u>MBP</u>	Date/Time <u>5-31-19 11:00</u>
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★ Please add an additional Bottle Group A to this RQ MKC

Group: A	Bottle Type: P-1L	# of Bottles: 3 4	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>4</u>
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 <u>4</u>
CHLSUITE-W				
Group: A	Bottle Type: P-500ML	# of Bottles: 3 4	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab <u>4</u>
W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC			H2SO4 LOT# SA8101020 EXP: 04/11/2019	
Group: A	Bottle Type: P-125ML	# of Bottles: 3 4	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab <u>4</u>
W-PO4-F				

↑
* Please add an additional Bottle of Group A to this RQ
MKL

Date of Request: 09-MAY-2019
 Created By: LINGER_M On: 09-MAY-2019
 Modified By: JASROTIA_P On: 10-MAY-2019
 Customer: CEN-DIST
 Project: SMP
 Division:
 District: Central District
 Sampling Event: Silver / Chain / Gleason

Send Coolers To:

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

Program Module Number: 1306
 Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 10-MAY-2019
 Biology Request Reviewed By: JASROTIA_P On: 10-MAY-2019
 Sampling Kit Required: YES Ship on: 17-MAY-2019
 Sampling Kit Shipped: YES On: 13-MAY-2019
 Sampling Kit Packed By: SHAIK_A
 Preservatives Needed: NO
 Date to Receive Samples: 27-MAY-2019
 Received By: SHAIK_A On: 31-MAY-2019

Send Final Report To:

FL Dept. of Environmental Protection
 3319 Maguire Blvd., Suite 232
 Orlando, FL 32803-3767
 Attn: Mike 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-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 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 H₂SO₄
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: 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