

RQ-2019-08-19-62

Log-in Checklist

Login Station ID: #4

Shipping Method: FedEx | UPS | HD | GreyhoundDate/Time of Receipt: 08/22/19 @ 10:20

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?		*Intact?		
					Yes	No	Yes	No	
2.2°C				12		X			4751 8777 4965

* HNO₃ and Formalin preserved 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 ✓ 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 X 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 X Init: TR

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: TRW-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes No NA X Init: TRCoolers Unpacked/Checked by: Tyler Reynolds Date: 08/22/19NCRs (Y/N)? N

Event ID: EGLIN RUN EAST
NW-DIST-2019-08-22-02 (SMP)
Date Received: 22-AUG-2019 10:20

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_04_2018 EXP:04/29/2020
pH Test Strips 0 – 6 Lot #	213316AV EXP:05/15/2020
pH Paper 0 – 3 Lot #	
pH Paper 0 – 13 Lot #	215517 EXP: 06/01/2020
Chlorine Test Strips Lot #	8261 EXP: 07/30/2021

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

Customer: NW-DIST

Project ID: SMP

Requester: Michael King

Field Report Prepared By: F. ButeraCollected By: Mike King, Frank ButeraSampling Agency: DEP-NWROC

Location		☐ Comp ☒ Grab		Collection (comp begin or grab) Date <u>08/21/2019</u> Time <u>9:45</u>		Eastern Central		Composite end Date _____ Time _____		Bottle Group(s) (See pg 2)		
Field ID	Field/WIN ID			Matrix (type, e.g., Salt, Fresh, etc) <u>Salt, surface</u>		Diss. Oxygen <u>6.52</u>		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		
WIN/STORET	Location:		G3NW0163		Temp (C) <u>25.1</u>		pH <u>5.18</u>		Sample Depth <u>0.3</u>		Sp. Conductance (umho/cm) <u>125.5</u>	
Latitude	Alaqua Creek at Park boat ramp				Salinity (ppt) <u>0.06</u>		Comments				B	
Location		☐ Comp ☒ Grab		Collection (comp begin or grab) Date <u>08/21/2019</u> Time <u>10:55</u>		Eastern Central		Composite end Date _____ Time _____		Bottle Group(s)		
Field ID	Field/WIN ID →			Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh, surface</u>		Diss. Oxygen <u>8.54</u>		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		
WIN/STORET	Location:		G3NW0138		Temp (C) <u>22.8</u>		pH <u>6.75</u>		Sample Depth <u>0.1</u>		Sp. Conductance (umho/cm) <u>149.5</u>	
Latitude	Deer Moss Creek below College Blvd.				Salinity (ppt) <u>0.07</u>		Comments				A	
Location		☐ Comp ☒ Grab		Collection (comp begin or grab) Date <u>8/21/2019</u> Time <u>11:05</u>		Eastern Central		Composite end Date _____ Time _____		Bottle Group(s)		
Field ID	Field/WIN ID			Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh, surface</u>		Diss. Oxygen <u>7.84</u>		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		
WIN/STORET	Location:		G3NW0162		Temp (C) <u>26.1</u>		pH <u>6.59</u>		Sample Depth <u>0.1</u>		Sp. Conductance (umho/cm) <u>200.5</u>	
Latitude	Shaw Still Branch upstream E College Blvd				Salinity (ppt) <u>0.09</u>		Comments				A	
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	Longitude		Salinity (ppt)		Comments							

Relinquished By: <u>F. Butera</u>	Date/Time <u>08/21/2019</u>	Shipping Method <u>Fed Ex</u>	Number of Coolers Shipped: <u>1</u>	Received By: <u>Tyler Reynolds</u>	Date/Time <u>08/22/19 @ 10:2x</u>
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Group: A	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	CHLSUITE-W						
Group: A	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	* 2
	NW-UWF-ECQ						
Group: A	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	2
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 2	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	2
	W-PO4-F						
Group: B	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	ALKALINITY TURBIDITY W-BR-IC W-F W-TSS						
Group: B	Bottle Type:	BP-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	CHLSUITE-W						
Group: B	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	NW-UWF-ENQ						
Group: B	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	1
	W-NH3						

Group: B	Bottle Type:	P-500ML	# of Bottles: 2	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	<u>1</u>
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					
	W-TOC					

Group: B	Bottle Type:	P-125ML	# of Bottles: 2	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	<u>1</u>
	W-PO4-F					

Document Reference # 05.1.0

Project: _____ FDEP

Laboratory: Wetlands Research Laboratory

Sampler's initials : MLC

Method of transport: Drop off on ice by automobile

Page _1_ of _1_

Samples delivered by: M. King of FDEP

Date/Time: 08/21/2019, 12:19

Sample received by: [Signature] of WRL

Date/Time: 08/21/19, 1219

Instructions: Fill in all fields except "Lab ID" on sample transport form completely. Each sample container must use a separate line. Place this form in a waterproof bag and place it with the samples for transport. If a field log or other chain of custody is attached, that information may be referenced on this form and the log or COC attached.

[illegible]

Comments sample container lot# # 18145

RQ-2019-08-19-62

Contact organization FDEP

Contact name __Michael King

Phone: (850) 595-8300

Address 160 W Governmental Street, suite 208, Pensacola, FL 32502

Sampler's name: Mike King

¹Matrix: SW = surface water, PW = pore water, GW = ground water, S = soil/sediment, X =

²Type codes: G = grab, C = composite, X = _____

³ Recorded using IRT-2

Date of Request: 14-AUG-2019
 Created By: KING_M On: 14-AUG-2019
 Modified By: JASROTIA_P On: 16-AUG-2019
 Customer: NW-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Northwest District
 Sampling Event: EGLIN RUN EAST

Send Coolers To:

Phone: 850-595-0605
 160 Government Center
 Suite 208
 Pensacola, FL 32502-5794
 Attn: Michael King

Program Module Number:
 Priority: 3
 Event Status: A
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 15-AUG-2019
 Biology Request Reviewed By: JASROTIA_P On: 16-AUG-2019
 Sampling Kit Required: NO Ship on:
 Sampling Kit Shipped:
 Sampling Kit Packed By:
 Preservatives Needed: NO
 Date to Receive Samples: 19-AUG-2019
 Received By:

Send Final Report To:

160 Government Center
 Suite 208
 Pensacola, FL 32502-5794
 Attn: Cheryl Bunch

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

Comments: Group A: Freshwater
 (WBID 620,658) Nutrients, Bacteria
 Group B: Marinewater
 (WBID 351A,351B) Nutrients, Bacteria

Bottle Group A (Water) With 2 Samples:

Bottle Type: P-1L	Number of Bottles: 2	Preserved With: ICE
ALKALINITY Template: DEFAULT	(SM 2320 B-97)	Alkalinity in aqueous matrices as mg CaCO ₃ /L
Total Alkalinity		
TURBIDITY Template: DEFAULT	(EPA 180.1 Rev. 2.0)	Turbidity in aqueous matrices
Turbidity		
W-CL-IC Template: DEFAULT	(EPA 300.0 Rev. 2.1)	Chloride in aqueous matrices
Chloride		
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)
Fluoride		
W-SO4-IC Template: DEFAULT	(EPA 300.0 Rev. 2.1)	Sulfate in aqueous matrices
Sulfate		
W-TDS Template: DEFAULT	(SM 2540 C-97)	Total Dissolved Solids in aqueous matrices
TDS		
W-TSS Template: DEFAULT	(SM 2540 D-97)	Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample
TSS		
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
Chlorophyll-a, Corrected		
Chlorophyll-a, Uncorrected		
Phaeophytin-a		
Bottle Type: TEST HAS NO	Number of Bottles: 2	Preserved With: ICE

Bottle Group A (Water) With 2 Samples:

Bottle Type: TEST HAS NO Number of Bottles: 2 Preserved With: ICE
 NW-UWF-ECQ Template: DEFAULT (SM 9223 B Quanti-Tray) E. coli by Colilert-18/QT by UWF in Pensacola
 Escherichia Coli-Quanti-Tray

Bottle Type: P-500ML Number of Bottles: 2 Preserved With: ICE And H2SO4
 W-NH3 Template: DEFAULT (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
 Ammonia-N
 W-NO2NO3 Template: DEFAULT (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L
 NO2NO3-N
 W-S-A-TP Template: DEFAULT (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L
 Total-P
 W-TKN Template: DEFAULT (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices
 Kjeldahl Nitrogen
 W-TOC Template: DEFAULT (SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices
 Organic Carbon

Bottle Type: P-125ML Number of Bottles: 2 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
 O-Phosphate-P

Bottle Group B (Water) With 2 Samples:

Bottle Type: P-125ML Number of Bottles: 2 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
 O-Phosphate-P

Bottle Type: P-1L Number of Bottles: 2 Preserved With: ICE
 ALKALINITY Template: DEFAULT (SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO3/L
 Total Alkalinity
 TURBIDITY Template: DEFAULT (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
 Turbidity
 W-BR-IC Template: DEFAULT (EPA 300.0) Bromide in aqueous matrices
 Bromide
 W-F Template: DEFAULT (SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
 Fluoride
 W-TSS Template: DEFAULT (SM 2540 D-97) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample
 TSS

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
 Chlorophyll-a, Corrected
 Chlorophyll-a, Uncorrected
 Phaeophytin-a

Bottle Type: TEST HAS NO Number of Bottles: 2 Preserved With: ICE
 NW-UWF-ENQ Template: DEFAULT (Enterolert/QT) Enterococci by Enterolert/QT by UWF in Pensacola
 Enterococci-Quanti-Tray

Bottle Type: P-500ML Number of Bottles: 2 Preserved With: ICE And H2SO4
 W-NH3 Template: DEFAULT (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
 Ammonia-N
 W-NO2NO3 Template: DEFAULT (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L
 NO2NO3-N
 W-S-A-TP Template: DEFAULT (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L
 Total-P
 W-TKN Template: DEFAULT (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices
 Kjeldahl Nitrogen
 W-TOC Template: DEFAULT (SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices
 Organic Carbon

