

RQ- 2020-03-16-19

Login Checklist

Login Station ID: #2Shipping Method: ① FedEx | UPS | HD | GreyhoundDate/Time of Receipt: 3/25/2020@ 10:05

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	
<u>3.5</u>				<u>1</u>		☒			<u>1278 40128147</u>

*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: FM

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: IMW-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes No NA ☒ Init: IMCoolers Unpacked/Checked by: IM Date: 3/25/2020NCRs (Y/N)? NEvent ID: Mullet Creek Contionuous
NW-DIST-2020-03-25-03 (SMP)NCR # Date Received: 25-MAR-2020 10:05

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

Additional Comments:

Infrared Thermometer ID:	IR TEMP GUN #2 exp:11/5/20
pH Test Strips 0 – 6 Lot #	213316AV Exp:5/15/20
pH Paper 0 – 3 Lot #	
pH Paper 0 – 13 Lot #	208717 EXP: 3/31/20
Chlorine Test Strips Lot #	8261 EXP:7/2021

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

Mullet Creek Contionuous

Customer: NW-DIST

Requester: Christopher Slade

Field Report Prepared By: M. Clark

Project ID: SMP

Collected By: N. MulkeySampling Agency: FLPNS

Location		☐ Comp ☒ Grab		Collection (comp begin or grab) Date <u>3/24/20</u> Time <u>11:45</u>		Eastern Central		Composite end Date _____ Time _____		Bottle Group(s) (See pg 2)	
Field/WIN ID				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen <u>6.08</u>		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)	
Location: Mouth of Mullet Creek @ Hwy 20		Temp (C) <u>23.7</u>		pH <u>6.00</u>		Sample Depth <u>0.3</u>		☐ ft ☒ m		Sp. Conductance (umho/cm) <u>34.9</u>	
Latitude		☐ dd ☐ dms		Salinity (ppt) <u>0.01</u>		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: <u>M. Clark</u>	Date/Time <u>3/24/20 16:00</u>	Shipping Method <u>FedEx</u>	Number of Coolers Shipped: <u>1</u>	Received By: <u>Tan M. Day</u>	Date/Time <u>3/25/20 10:05</u>
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Group: A	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
	ALKALINITY						
	TURBIDITY						
	W-BR-IC						
	W-F						
	W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WI-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
	NW-TA-FC						
Group: A	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
	NW-UWF-ENQ						★ Sent to Contract Lab ★
Group: A	Bottle Type:	BG-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	W-E8321-DI						
	W-E8321-MS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	0
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 1	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	0
	W-PO4-F						

Document Reference # 05 1 0

Sample received by: Shirley of WRL

Sampler's initials: NM + MC

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Date/Time: 3/24/20 11:45 AM

Date/Time: 03/24/20 1310

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# L19229

RQ-2020-03-16-19

Contact organization FDEP

Contact name Michael King

Phone: (850) 595-8300

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

Sampler's name: M. Clark

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: 13-FEB-2020
 Created By: SLADE_C On: 13-FEB-2020
 Modified By: SWANSON_C On: 27-FEB-2020
 Customer: NW-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Northwest District
 Sampling Event: Mullet Creek Contionuous

Send Coolers To:

Phone: 850-595-0567
 160 Government Center
 Suite 208
 Pensacola, FL 32502-5794
 Attn: Christopher Slade

Send Final Report To:

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

Program Module Number:

Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 26-FEB-2020
 Biology Request Reviewed By: SWANSON_C On: 27-FEB-2020
 Sampling Kit Required: YES Ship on: 06-MAR-2020
 Sampling Kit Shipped: YES On: 03-MAR-2020
 Sampling Kit Packed By: MCCOY_I
 Preservatives Needed: NO
 Date to Receive Samples: 16-MAR-2020
 Received By: KLUG_K On: 19-MAR-2020

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

Comments: Group A: (WBID 712) Marine, Tracers, Contract Lab Bacteria

Bottle Group A (Water) With 1 Samples:

Bottle Type: P-1L	Number of Bottles: 1	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-BR-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Bromide in aqueous matrices
W-F	Template: DEFAULT	(SM 4500 F-C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
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: 1	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type: P-250ML-WI-THI	Number of Bottles: 1	Preserved With: ICE
NW-TA-FC	Template: DEFAULT	(SM 9222 D) Fecal coliforms by MF by Test America in Pensacola
Bottle Type: TEST HAS NO	Number of Bottles: 1	Preserved With: ICE
NW-UWF-ENQ	Template: DEFAULT	(Enterolert/QT) Enterococci by Enterolert/QT by UWF in Pensacola
Bottle Type: BG-500ML	Number of Bottles: 1	Preserved With: ICE
W-E8321-DI	Template: DEFAULT	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
W-E8321-MS	Template: DEFAULT	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
Bottle Type: P-500ML	Number of Bottles: 1	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: 1	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.