

Login Checklist

RQ- 2020 - 07 - 13 - 49

Login Station ID: # 3

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 07-14-2020 / 10:15

*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	
1.9C				13		X			1278 4011 6408
2.4C				9		X			1278 4011 6419

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 X No _____

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

CONTAINER CHECK

Evidence Tape on Bottles? Yes _____ No _____ NA X Evidence Tape intact? Yes _____ No _____
 If Criminal, photographs taken? Yes _____ No _____ Containers intact? Yes X No _____
 Caps on tight? Yes X No _____
 Sufficient Sample Volume: Yes X 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 X Init: ABS

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

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 X No _____ NA _____ Init: ABS/

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

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

Coolers Unpacked/Checked by: ABS /

Date: 07-14-2020

Event contains NCRs (Y/N)? N

Event ID: NW-DIST-2020-07-14-0

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	IRTG # 3 EXP:11-05-2020
pH Test Strips 0 – 6	213316 BV EXP: 05/15/2021
pH Paper 0 – 3	XXXXXXXXXXXXXX
pH Paper 0 – 13	231019 EXP:NOV 01 2022
Chlorine Test Strips	9080 / 2022 / 01

ENCORE SAMPLES

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

Were Encore samples received? Yes _____ Init: ABS

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: _____

Crestview Run

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NW-DIST

Requester: Michael King

Field Report Prepared By:

F. Butera

Project ID: SMP

Collected By:

F. Butera, S. Slade

Sampling Agency:

FL DEP. NWROC

Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7/13/2020 Time 10:00	Eastern Central	Composite end Date	Time	Bottle Group(s) (See pg 2)
Field/WIN ID → G3NW0171		Matrix (type, e.g., Salt, Fresh, etc) Fresh Surface	Diss. Oxygen 5.43	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
Location: Bay Branch upstream of Hwy 331	Temp (C) 24.0	pH 5.81	Sample Depth 0.1	☐ ft ☒ m	Sp. Conductance (umho/cm) 46.2	
☐ dms	Salinity (ppt) 0.02	Comments "R" Qualified				
Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7/13/20 Time 11:30	Eastern Central	Composite end Date	Time	Bottle Group(s)
Field/WIN ID → G4NW0427		Matrix (type, e.g., Salt, Fresh, etc) Fresh Surface	Diss. Oxygen 7.90	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	B
Location: Poverty Creek upstream of Poverty Creek Rd	Temp (C) 25.8	pH 4.65	Sample Depth 0.15	☐ ft ☒ m	Sp. Conductance (umho/cm) 18.4	
☐ dms	Salinity (ppt) 0.01	Comments "R" Qualified				
Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7/13/2020 Time 12:10	Eastern Central	Composite end Date	Time	Bottle Group(s)
Field/WIN ID → G4NW0428		Matrix (type, e.g., Salt, Fresh, etc) Fresh Surface	Diss. Oxygen 6.59	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	B
Location: Horsehead Creek upstream of Steele Mill Creek Rd	Temp (C) 24.7	pH 5.81	Sample Depth 0.15	☐ ft ☒ m	Sp. Conductance (umho/cm) 39.3	
☐ dms	Salinity (ppt) 0.02	Comments "R" Qualified				
Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7/13/2020 Time 12:50	Eastern Central	Composite end Date	Time	Bottle Group(s)
Field/WIN ID → G4NW0491		Matrix (type, e.g., Salt, Fresh, etc) Fresh Surface	Diss. Oxygen 7.20	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
Location: Deadfall Creek upstream of Old River Rd	Temp (C) 23.7	pH 4.95	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm)	
☐ dms	Salinity (ppt)	Comments "R" Qualified				

Relinquished By:

F. Butera

Date/Time

7/13/2020

Shipping Method

Fed Ex

Number of Coolers Shipped:

2

Received By:

F. Butera

Date/Time

7-14-20/10:15

Crestview Run

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NW-DIST

Requester: Michael King

Field Report Prepared By:

F. Butler

Project ID: SMP

Collected By:

Frank Butler, S. Slake

Sampling Agency:

FL DEP. NWROC

Location		☐ Comp ☒ Grab		Collection (comp begin or grab) Date <i>7/13/2020</i> Time <i>13:14</i>		Eastern Central <i>(C)</i>		Composite end Date _____ Time _____		Bottle Group(s) (See pg 2)			
Field/WIN ID → G4NW0490		Matrix (type, e.g., Salt, Fresh, etc) <i>Fresh, Surface</i>		Diss. Oxygen <i>6.98</i>		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		<i>B</i>			
Location: Deadfall Creek upstream of Shockley Springs Rd		Temp (C) <i>23.9</i>		pH <i>4.4</i>		Sample Depth <i>0.3</i>		☐ ft ☒ m				Sp. Conductance (umho/cm) <i>25.4</i>	
☐ dd ☐ dms		Salinity (ppt) <i>0.01</i>		Comments <i>"R" Qualified</i>									
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							
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: <i>F. Butler</i>	Date/Time <i>7/13/2020</i>	Shipping Method <i>Fed Ex</i>	Number of Coolers Shipped: <i>2</i>	Received By: <i>FRP</i>	Date/Time <i>7-14-20/10-15</i>
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Group: A	Bottle Type:	P-1L	# of Bottles: 3	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: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	CHLSUITE-W						
Group: A	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2 *
	NW-UWF-ECQ		* UWF contract Lab				
Group: A	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	2
	W-HARD						
	W-ICP						
	W-ICPMS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 3	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: 3	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	2
	W-PO4-F						
Group: B	Bottle Type:	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						

Group: B Bottle Type: BP-1L # of Bottles: 3 Preservative: ICE Enter Number of Bottles Sent to Lab 3

CHLSUITE-W

Group: B Bottle Type: TEST HAS NO BOTTLE # of Bottles: 3 Preservative: ICE Enter Number of Bottles Sent to Lab 3*

NW-UWF-ECQ

**UWF Contract Lab*

Group: B Bottle Type: P-500ML # of Bottles: 3 Preservative: ICE And H2SO4 Enter Number of Bottles Sent to Lab 3

W-NH3

W-NO2NO3

W-S-A-TP

W-TKN

W-TOC

Group: B Bottle Type: P-125ML # of Bottles: 3 Preservative: FILTER-ICE Enter Number of Bottles Sent to Lab 3

W-PO4-F

SAMPLE TRANSMITTAL FORM
Document Reference # 05 1.0

Project: FDEP
Method of transport: Drop off on ice by automobile
Samples delivered by: FB of FDEP
Sample received by: [Signature] of WRL

Laboratory: Wetlands Research Laboratory

Sampler's initials: BS

Page 1 of 1

Date/Time: 7-13-2020 / 1428

Date/Time: 07-13-2020 / 1428

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.

Lab ID	Sample ID	Matrix	Type	Container Type	Analyses Requested	Preservative	Sample (°C)	Sampling Date/Time
20-46752	G4NW0491 Deadfall Creek upstream Old River Rd.	Freshwater	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3	3.3 7/13/2020/12:50
20-46753	G4NW0490 Deadfall Creek upstream Shockley Springs Rd.	Freshwater	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3	3.6 7-13-2020/13:18
20-46754	G3NW0171 Bay Branch upstream HWY 331	Freshwater	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3	4.5 7-13-20/14:00
NA	G3NW0081 Panther Creek upstream SR280 <u>FD</u>	Freshwater	SW	G	Sterile plastic	Escherichia coli 18-QT <u>EB</u>	ice/Na2S2O3	
20-46755	G4NW0427 Poverty Creek upstream of Poverty Creek Rd.	Freshwater	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3	4.1 7-13-20/11:30
20-46756	G4NW0428 Horsehead Creek upstream Steele Mill Creek Rd.	Freshwater	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3	3.4 7-13-20/12:00
Field/WIN ID →  G3NW0171 Location: Bay Branch upstream of Hwy 331 Field/WIN ID →  G4NW0427 Location: Poverty Creek upstream of Poverty Creek Rd								
Field/WIN ID →  G4NW0428 Location: Horsehead Creek upstream of Steele Mill Creek Rd Field/WIN ID →  G4NW0491 Location: Deadfall Creek upstream of Old River Rd								

Comments sample container lot 120020# Exp. 02/15/2023

RQ-2020-07-13-49

Contact organization FDEP

Contact name Michael King

Phone: (850) 595-8300

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

Sampler's name: _____

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

³ Recorded using IRT-2

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

Field/WIN ID →


G4NW0490

Location:

Deadfall Creek upstream of Shockley Springs Rd

Date of Request: 05-JUL-2020
 Created By: KING_M On: 05-JUL-2020
 Modified By: JASROTIA_P On: 06-JUL-2020
 Customer: NW-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Northwest District
 Event Description: Crestview Run

Send Coolers To:

Phone: 850-595-0605
 160 Government Center
 Suite 208
 Pensacola, FL 32502-5794
 Attn: Michael King
 Cooler Ship EMail: Michael.King@dep.state.fl.us

Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 06-JUL-2020
 Biology Request Reviewed By: JASROTIA_P On: 06-JUL-2020
 Sampling Kit Required: NO Ship on:
 Sampling Kit Shipped:
 Sampling Kit Packed By:
 Preservatives Needed: NO
 Date to Receive Samples: 13-JUL-2020
 Logged In By: SHAIK_A On: 14-JUL-2020

Send Final Report To:

160 Government Center
 Suite 208
 Pensacola, FL 32502-5794
 Attn: Cheryl Bunch
 Report Notification EMail:
 Michael.King@dep.state.fl.us;Cheryl.Bunch@dep.state.fl.us

Comments: Group A: (WBID 145A,350, 371) Nutrients, Metals, Contract Lab Bacteria

Group B: (WBID 145A, 161,34)Nutrients, Contract Lab Bacteria

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 (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-SO4-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: TEST HAS NO	Number of Bottles: 3	Preserved With: ICE
NW-UWF-ECQ	Template: DEFAULT	(SM 9223 B Quanti-Tray) E. coli by Colilert-18/QT by UWF in Pensacola
Bottle Type: P-500ML	Number of Bottles: 3	Preserved With: HNO ₃
W-HARD	Template: DEFAULT	(SM 2340B) Hardness by calculation, in aqueous matrices, reported as mg/L CaCO ₃
Hardness		
W-ICP	Template:	(EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects
Barium		
Calcium		
Iron		
Magnesium		
Potassium		
Sodium		

Bottle Group A (Water) With 3 Samples:

Bottle Type: P-500ML	Number of Bottles: 3	Preserved With: HNO3
W-ICP	Template:	(EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects
Zinc		
W-ICPMS	Template:	(EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects
*Boron		
Aluminum		
Antimony		
Arsenic		
Cadmium		
Chromium		
Copper		
Lead		
Nickel		
Selenium		
Silver		
Thallium		

Bottle Type: P-500ML	Number of Bottles: 3	Preserved With: ICE And H2SO4
W-NH3	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
W-NO2NO3	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-PO4-F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Bottle Group B (Water) With 3 Samples:

Bottle Type: P-500ML	Number of Bottles: 3	Preserved With: ICE And H2SO4
W-NH3	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
W-NO2NO3	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-PO4-F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L
Bottle Type: P-1L	Number of Bottles: 3	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO3/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-SO4-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: TEST HAS NO	Number of Bottles: 3	Preserved With: ICE
NW-UWF-ECQ	Template: DEFAULT	(SM 9223 B Quanti-Tray) E. coli by Colilert-18/QT by UWF in Pensacola

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