

Log-in Checklist

RQ- **2019 - 11-11-20**

Login Station ID: **# 3**

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: **11-15-2019 / 10:00**

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	No	Yes	No	
1.8C		HNO ₃	Formalin	12		X			1278 4008 8540
1.6C				15		X			1278 4008 8551

* 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** **ABS**

****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 **✓** 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: **11/15/2019** NCRs (Y/N)?

Event ID: **98 WHALER RUN**
NW-DIST-2019-11-15-01 (SMP) 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: _____

98 WHALER RUN

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NW-DIST

Requester: Michael King

Field Report Prepared By: M. Clark

Project ID: SMP

Collected By: N. Mulkey

Sampling Agency: FLPNS

Location	Field/WIN ID	Barcode	Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s)
			☒ Comp	Date	Date	
			☒ Grab	Time	Time	
Field	Field/WIN ID	Barcode	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	Total Res. Chlorine	A
				mg/L	(mg/L)	
WIN/ST	Field/WIN ID	Barcode	Temp (C)	pH	Sample Depth	B
Latitude	Field/WIN ID	Barcode	Salinity (ppt)	Comments		C

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
N. Mulkey	11/14/19 15:00	FedEx	2	DPG	11-15-19 10:00

Group: A	Bottle Type:	P-1L	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>4</u>
	ALKALINITY				
	TURBIDITY				
	W-BR-IC				
	W-F				
	W-TSS				
Group: A	Bottle Type:	BP-1L	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>4</u>
	CHLSUITE-W				
Group: A	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>0</u>
	NW-UWF-ENQ				<i>★ Sent to Contract Lab UWFA</i>
Group: A	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>0</u>
	NW-UWF-FC				<i>★ Sent to Contract Lab - UWFA</i>
Group: A	Bottle Type:	P-500ML	# of Bottles: 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				
Group: A	Bottle Type:	P-125ML	# of Bottles: 4	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab <u>4</u>
	W-PO4-F				
Group: B	Bottle Type:	P-1L	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>2</u>
	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 <u>2</u>
	CHLSUITE-W				
Group: B	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>0</u>
	NW-UWF-ENQ				<i>★ Sent to Contract Lab - UWFA</i>
Group: B	Bottle Type:	P-500ML	# of Bottles: 2	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab <u>2</u>
	W-NH3				

SA9129100

5/2020

Group: B	Bottle Type:	P-500ML	# of Bottles: 2	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab
	W-NO2NO3			5A9129100	
	W-S-A-TP			5/2020	
	W-TKN				
	W-TOC				
Group: B	Bottle Type:	P-125ML	# of Bottles: 2	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab 2
	W-PO4-F				
Group: C	Bottle Type:	P-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab 1
	ALKALINITY				
	TURBIDITY				
	W-BR-IC				
	W-F				
	W-TSS				
Group: C	Bottle Type:	P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab 1
	W-NH3			5A9129100	
	W-NO2NO3			5/2020	
	W-S-A-TP				
	W-TKN				
	W-TOC				
Group: C	Bottle Type:	P-125ML	# of Bottles: 1	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab 1
	W-PO4-F				

98 WHALER RUN

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NW-DIST

Requester: Michael King

Field Report Prepared By: M. Clark

Project ID: SMP

Collected By: N. Mulkey

Sampling Agency: FLPNS

Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 11/14/19 Time 10:42	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Field	Field/WIN ID G3NW0128	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 8.91	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
WIN	Location: Mack Bayou	Temp (C) 13.0	pH 7.64	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 34,510
Latitude	☐ dms	Salinity (ppt) 21.70	Comments			
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 11/14/19 Time 12:10	Eastern Central	Composite end Date Time	Bottle Group(s)
Field	Field/WIN ID G3NW0182	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 8.93	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
WIN	Location: Joes Bayou	Temp (C) 13.4	pH 7.85	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 37,031
Latitude	☐ dms	Salinity (ppt) 23.46	Comments			
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 11/14/19 Time 12:35	Eastern Central	Composite end Date Time	Bottle Group(s)
Field	Field/WIN ID G3NW0127	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 8.68	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
WIN	Location: Destin Harbor across from AJ's Restaurant	Temp (C) 15.0	pH 7.94	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 41,618
Latitude	☐ dms	Salinity (ppt) 26.72	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: N. Mulkey	Date/Time 11/14/19 15:00	Shipping Method FedEx	Number of Coolers Shipped: 2	Received By: ABP	Date/Time 11/15/19 10:00
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Group: A	Bottle Type:	P-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	ALKALINITY TURBIDITY W-BR-IC W-F W-TSS					
Group: A	Bottle Type:	BP-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: A	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	NW-UWF-ENQ					
Group: A	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	NW-UWF-FC					
Group: A	Bottle Type:	P-500ML	# of Bottles: 4	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab _____
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC					
Group: A	Bottle Type:	P-125ML	# of Bottles: 4	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab _____
	W-PO4-F					
Group: B	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	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 _____
	CHLSUITE-W					
Group: B	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	NW-UWF-ENQ					
Group: B	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab _____
	W-NH3					

Group: B Bottle Type: P-500ML # of Bottles: 2 Preservative: ICE And H2SO4 Enter Number of Bottles Sent to Lab _____

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 _____

W-PO4-F

Group: C Bottle Type: P-1L # of Bottles: 1 Preservative: ICE Enter Number of Bottles Sent to Lab _____

ALKALINITY
TURBIDITY
W-BR-IC
W-F
W-TSS

Group: C Bottle Type: P-500ML # of Bottles: 1 Preservative: ICE And H2SO4 Enter Number of Bottles Sent to Lab _____

W-NH3
W-NO2NO3
W-S-A-TP
W-TKN
W-TOC

Group: C Bottle Type: P-125ML # of Bottles: 1 Preservative: FILTER-ICE Enter Number of Bottles Sent to Lab _____

W-PO4-F

Document Reference # 05.1.0

FDEP

Laboratory: Wetlands Research Laboratory

Sampler's initials : MC & NM

Drop off

on ice by automobile

Page 1 of 1

FDEP

Date/Time: 11/19/19 1953

of WRL

Date/Time: 11/14/19 11453

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# #19192

RQ-2019-11-11-20

FDEP

Contact name Michael King

Phone: (850) 595-8300

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

Sampler's name: N. Mylken

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: 16-OCT-2019
 Created By: KING_M On: 16-OCT-2019
 Modified By: JASROTIA_P On: 22-OCT-2019
 Customer: NW-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: NWROC
 Sampling Event: 98 WHALER RUN

Send Coolers To:

Phone: 850-595-8300
 160 Government Center
 Suite 208
 Pensacola, FL 32502-5794
 Attn: Michael king

Program Module Number:

Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 21-OCT-2019
 Biology Request Reviewed By: JASROTIA_P On: 22-OCT-2019
 Sampling Kit Required: YES Ship on: 01-NOV-2019
 Sampling Kit Shipped: YES On: 28-OCT-2019
 Sampling Kit Packed By: KLUG_K
 Preservatives Needed: NO
 Date to Receive Samples: 11-NOV-2019
 Received By: SHAIK_A On: 15-NOV-2019

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: Marinewater
 (WBID 881 906 917A 937) Nutrients, Contract Lab Bacteria - Fecal & Entero

Group B: Marinewater
 (WBID 731 DUPLICATE) Nutrients, Contract Lab Bacteria - Entero

Group B: Marinewater
 (WBID 731) Nutrients no chlorophyll

Packing notes:
 Please send 5 extra ziploc bags and zipties

Bottle Group A (Water) With 4 Samples:

Bottle Type: P-1L	Number of Bottles: 4	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-BR-IC	Template: DEFAULT	(EPA 300.0) Bromide in aqueous matrices
W-F	Template: DEFAULT	(SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
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: 4	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: 4	Preserved With: ICE
NW-UWF-ENQ	Template: DEFAULT	(Enterolert/QT) Enterococci by Enterolert/QT by UWF in Pensacola
Bottle Type: TEST HAS NO	Number of Bottles: 4	Preserved With: ICE
NW-UWF-FC	Template: DEFAULT	(SM 9222 D) Fecal coliforms by MF by UWF in Pensacola
Bottle Type: P-500ML	Number of Bottles: 4	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-00) Nonpurgeable Organic Carbon in aqueous matrices

Bottle Group A (Water) With 4 Samples:

Bottle Type: P-125ML	Number of Bottles: 4	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 2 Samples:

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
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-00) Nonpurgeable Organic Carbon in aqueous matrices
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
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
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
W-BR-IC	Template: DEFAULT	(EPA 300.0) Bromide in aqueous matrices
W-F	Template: DEFAULT	(SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
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: 2	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: 2	Preserved With: ICE
NW-UWF-ENQ	Template: DEFAULT	(Enterolert/QT) Enterococci by Enterolert/QT by UWF in Pensacola

Bottle Group C (Water) With 1 Samples:

Bottle Type: P-1L	Number of Bottles: 1	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO3/L
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
W-BR-IC	Template: DEFAULT	(EPA 300.0) Bromide in aqueous matrices
W-F	Template: DEFAULT	(SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-TSS	Template: DEFAULT	(SM 2540 D-97) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample
Bottle Type: P-500ML	Number of Bottles: 1	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-00) Nonpurgeable Organic Carbon in aqueous matrices
Bottle Type: P-125ML	Number of Bottles: 1	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