

Log-in Checklist

RQ- 2020-02-24-10

Login Station ID: #5

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 2/ 3 /20 @ 10:30

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	
-0.3				12		✓			1278 4010 5455
-0.2				15		✓			1190 3161 5856
1.2				15		✓			1278 4010 5444

* 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 ✓ 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: KK

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: KK

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

Coolers Unpacked/Checked by: KK Date: 2/ 3 /20

NCRs (Y/N)? N

Event ID: Project Greenshores
NW-DIST-2020-03-03-01 (DISTRICT)
 Date Received: 03-MAR-2020 10:30

NCR #

Log-in 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 #5 EXP:11-5-20
pH Test Strips 0 – 6 Lot #	
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 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: _____

Project Greenshores

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NW-DIST

Requester: Cheryl Bunch

Field Report Prepared By:

Zach Schang

Project ID: DISTRICT

Collected By:

Beth Fugate

Sampling Agency:

FDEP

Location Pen. Bay Range Marker E. of Texar		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 3/2/2020 Time 9:19	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Field ID 3302H32GS/1		Matrix (type, e.g., Salt, Fresh, etc) Marine		Diss. Oxygen 9.68	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
WIN/STORET #		Temp (C) 14.96	pH 7.68	Sample Depth 0.15	☐ ft ☒ m	Sp. Conductance (umho/cm) 15488
Latitude 30.420278	☒ dd ☐ dms	Longitude 87.1831944	☒ dd ☐ dms	Salinity (ppt) 9.08	Comments	
L Pen. Bay midpoint between Bay Bridge & Muscogee Wharf RQ-2020-02-24-10 Time: Field ID ↑ 3302J8GS2 WIN ID		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 3/2/2020 Time 9:40	Eastern Central	Composite end Date Time	Bottle Group(s)
		Matrix (type, e.g., Salt, Fresh, etc) Marine		Diss. Oxygen 9.74	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
		Temp (C) 15.08	pH 7.78	Sample Depth 0.15	☐ ft ☒ m	Sp. Conductance (umho/cm) 16336
Latitude 30.411722	☒ dd ☐ dms	Longitude 87.1936111	☒ dd ☐ dms	Salinity (ppt) 9.61	Comments	
L Pen. Bay, East end of primary Stormdrain RQ-2020-02-24-10 Time: Field ID ↑ 3302J2GS3 WIN ID		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 3/2/2020 Time 9:49	Eastern Central	Composite end Date Time	Bottle Group(s)
		Matrix (type, e.g., Salt, Fresh, etc) Marine		Diss. Oxygen 9.71	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
		Temp (C) 15.40	pH 7.61	Sample Depth 0.15	☐ ft ☒ m	Sp. Conductance (umho/cm) 10517
Latitude 30.416111	☒ dd ☐ dms	Longitude 87.19425	☐ dd ☐ dms	Salinity (ppt) 7.61	Comments	
L Pen. Bay, South of Primary Stormdrain RQ-2020-02-24-10 Time: Field ID ↑ 3302J2GS4 WIN ID		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 3/2/2020 Time 9:57	Eastern Central	Composite end Date Time	Bottle Group(s)
		Matrix (type, e.g., Salt, Fresh, etc) Marine		Diss. Oxygen 9.49	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
		Temp (C) 15.44	pH 7.57	Sample Depth 0.15	☐ ft ☒ m	Sp. Conductance (umho/cm) 10580
Latitude 30.416667	☒ dd ☐ dms	Longitude 87.1966111	☒ dd ☐ dms	Salinity (ppt) 6.02	Comments	

Relinquished By: Z. Schang	Date/Time 3/2/20 / 3:00PM	Shipping Method Fedex	Number of Coolers Shipped: 3	Received By: IAR	Date/Time 3-20 / 1030
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Group: A	Bottle Type:	BP-1L	# of Bottles: 14	Preservative:	ICE	Enter Number of Bottles Sent to Lab	14
	CHLSUITE-W						

Group: A	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 14	Preservative:	ICE	Enter Number of Bottles Sent to Lab	Overflow LAB
	NW-UWF-ENQ						

Group: A	Bottle Type:	P-1L	# of Bottles: 14	Preservative:	ICE	Enter Number of Bottles Sent to Lab	14
	TURBIDITY						
	W-COLOR						
	W-TSS						

Group: A	Bottle Type:	P-500ML	# of Bottles: 14	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	14
	W-NH3					
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					

H2SO4
LOT# SA9301030
EXP: 10/28/2020

Customer: NW-DIST

Requester: Cheryl Bunch

Field Report Prepared By:

Zach Schang

Project ID: DISTRICT

Collected By:

Beth Fugate

Sampling Agency:

FDEP

Location	Pen. Bay, End of Chase Street RQ-2020-02-24-10	Field ID	3302J2GS5	WIN/ST	Time:	Latitude	30.4155528	dd	Longitude	87.1980277	dd	Salinity (ppt)	6.39	Comments		Bottle Group(s)	A
Location	Pen. Bay, Midpoint btw Muscogee & Hawkshaw RQ-2020-02-24-10	Field ID	3302J1GS6	WIN/ST	Time:	Latitude	30.412375	dd	Longitude	87.2007916	dd	Salinity (ppt)	6.02	Comments		Bottle Group(s)	A
Location	Pen. Bay, Midpoint between bridge & port spoil pond RQ-2020-02-24-10	Field ID	3302J8GS7	WIN/STC	Time:	Latitude	30.408194	dd	Longitude	87.1993333	dd	Salinity (ppt)	7.72	Comments		Bottle Group(s)	A
Location	Pen. Bay, West of primary stormdrain RQ-2020-02-24-10	Field ID	3302J2GS8	WIN/ST	Time:	Latitude	30.416528	dd	Longitude	87.1979722	dd	Salinity (ppt)	5.82	Comments		Bottle Group(s)	A

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Z. Schang	3/2/20 1:30PM	Fedex	3	KK	3-3-20 1030

Group: A	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 14	Preservative: ICE	Enter Number of Bottles Sent to Lab _____
Group: A	Bottle Type: NW-UWF-ENQ	TEST HAS NO BOTTLE	# of Bottles: 14	Preservative: ICE	Enter Number of Bottles Sent to Lab _____
Group: A	Bottle Type: TURBIDITY W-COLOR W-TSS	P-1L	# of Bottles: 14	Preservative: ICE	Enter Number of Bottles Sent to Lab _____
Group: A	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN	P-500ML	# of Bottles: 14	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab _____

Project Greenshores

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NW-DIST

Requester: Cheryl Bunch

Field Report Prepared By:

Zach Schang

Project ID: DISTRICT

Collected By:

Beth Fugate

Sampling Agency:

FDEP

Location Pen. Bay, West of Hawkshaw Lagoon RQ-2020-02-24-10	Field ID 3302J1GS9	WIN/STC Time:	Latitude 30.409444	dd dms	Longitude 87.2034722	dd dms	Salinity (ppt) 6.40	Comments	☐ Comp ☒ Grab Collection (comp begin or grab) Date 3/2/2020 Time 11:11 Eastern Central Composite end Date Time Matrix (type, e.g., Salt, Fresh, etc) Marine Diss. Oxygen 9.56 ☒ mg/L ☐ % sat Total Res. Chlorine (mg/L) Temp (C) 15.32 pH 7.65 Sample Depth 0.15 ☐ ft ☒ m Sp. Conductance (umho/cm) 11153 Bottle Group(s) (See pg 2) A
Location Pen. Bay, So. of Bayfront stormdrain RQ-2020-02-24-10	Field ID 3302J7GS1	WIN/S Time:	Latitude 30.408194	dd dms	Longitude 87.2050277	dd dms	Salinity (ppt) 6.77	Comments	☐ Comp ☒ Grab Collection (comp begin or grab) Date 3/2/2020 Time 11:02 Eastern Central Composite end Date Time Matrix (type, e.g., Salt, Fresh, etc) Marine Diss. Oxygen 9.62 ☒ mg/L ☐ % sat Total Res. Chlorine (mg/L) Temp (C) 15.15 pH 7.65 Sample Depth 0.15 ☐ ft ☒ m Sp. Conductance (umho/cm) 11834 Bottle Group(s) A
Location Pen. Bay @ Seville Marina Inlet RQ-2020-02-24-10	Field ID 3302J7GS1	WIN/S Time:	Latitude 30.407694	dd dms	Longitude 87.2074444	dd dms	Salinity (ppt) 6.78	Comments	☐ Comp ☒ Grab Collection (comp begin or grab) Date 3/2/2020 Time 10:52 Eastern Central Composite end Date Time Matrix (type, e.g., Salt, Fresh, etc) Marine Diss. Oxygen 9.71 ☒ mg/L ☐ % sat Total Res. Chlorine (mg/L) Temp (C) 15.75 pH 7.63 Sample Depth 0.15 ☐ ft ☒ m Sp. Conductance (umho/cm) 11625 Bottle Group(s) A
Location Pen. Bay, East of port spoil pond RQ-2020-02-24-10	Field ID 3302J7GS1	WIN/S Time:	Latitude 30.405694	dd dms	Longitude 87.2036666	dd dms	Salinity (ppt) 7.73	Comments	☐ Comp ☒ Grab Collection (comp begin or grab) Date 3/2/2020 Time 10:41 Eastern Central Composite end Date Time Matrix (type, e.g., Salt, Fresh, etc) Marine Diss. Oxygen 9.81 ☒ mg/L ☐ % sat Total Res. Chlorine (mg/L) Temp (C) 15.40 pH 7.75 Sample Depth 0.15 ☐ ft ☒ m Sp. Conductance (umho/cm) 12071 Bottle Group(s) A

Relinquished By: Z. Schang	Date/Time 3/2/20 13:00PM	Shipping Method Fedex	Number of Coolers Shipped: 3	Received By: KVK	Date/Time 3-3-20 / 1030
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Group: A	Bottle Type:	BP-1L	# of Bottles: 14	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					

Group: A	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 14	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	NW-UWF-ENQ					

Group: A	Bottle Type:	P-1L	# of Bottles: 14	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	TURBIDITY					
	W-COLOR					
	W-TSS					

Group: A	Bottle Type:	P-500ML	# of Bottles: 14	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab _____
	W-NH3				
	W-NO2NO3				
	W-S-A-TP				
	W-TKN				

Central Laboratory Submittal Form

Customer: NW-DIST

Requester: Cheryl Bunch

Field Report Prepared By:

Project ID: DISTRICT

Collected By:

Sampling Agency:

[illegible]

Relinquished By: E. Schans	Date/Time 3/2/20 13:00 PM	Shipping Method Fedex	Number of Coolers Shipped: 3	Received By: KZ	Date/Time 3-3-20 / 1030
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Group: A	Bottle Type:	BP-1L	# of Bottles: 14	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: A	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 14	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	NW-UWF-ENQ					
Group: A	Bottle Type:	P-1L	# of Bottles: 14	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	TURBIDITY					
	W-COLOR					
	W-TSS					
Group: A	Bottle Type:	P-500ML	# of Bottles: 14	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab _____	
	W-NH3					
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					

Project: Project GreenShores FDEP

Laboratory: Wetlands Research Laboratory

Sampler's initials: ZS

Method of transport: _____ on ice by automobile _____

Page 1 of 1Samples delivered by: Z. Schang of _____ FDEPDate/Time: 3/2/2020 ,

Sample received by: _____ of _____ WRL _____

Date/Time: 3/2/2020 ,

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 ¹	Type ²	Container Type	Analyses Requested	Preservative	Sample (°C) ³	Sampling Date/Time
	#1-Pensacola Bay-3302H3GS1	SW	G	Sterile plastic	Enterococci by Enterolert Quant Tray	ice/Na2S2O3		3/2/2020 9:19
	#2-Pensacola Bay-3302J8GS2	SW	G	Sterile plastic	Enterococci by Enterolert Quant Tray	ice/Na2S2O3		3/2/2020 9:40
	#3-Pensacola Bay-3302J2GS3	SW	G	Sterile plastic	Enterococci by Enterolert Quant Tray	ice/Na2S2O3		3/2/2020 9:49
	#4-Pensacola Bay-3302J2GS4	SW	G	Sterile plastic	Enterococci by Enterolert Quant Tray	ice/Na2S2O3		3/2/2020 9:57
	#5-Pensacola Bay-3302J2GS5	SW	G	Sterile plastic	Enterococci by Enterolert Quant Tray	ice/Na2S2O3		3/2/2020 10:05
	#6-Pensacola Bay-3302J1GS6	SW	G	Sterile plastic	Enterococci by Enterolert Quant Tray	ice/Na2S2O3		3/2/2020 10:24
	#7-Pensacola Bay-3302J8GS7	SW	G	Sterile plastic	Enterococci by Enterolert Quant Tray	ice/Na2S2O3		3/2/2020 10:33
	#8-Pensacola Bay-3302J2GS8	SW	G	Sterile plastic	Enterococci by Enterolert Quant Tray	ice/Na2S2O3		3/2/2020 10:15
	#9-Pensacola Bay-3302J1GS9	SW	G	Sterile plastic	Enterococci by Enterolert Quant Tray	ice/Na2S2O3		3/2/2020 11:11
	#10-Pensacola Bay-3302J7GS10	SW	G	Sterile plastic	Enterococci by Enterolert Quant Tray	ice/Na2S2O3		3/2/2020 11:02
	#11-Pensacola Bay-3302J7GS11	SW	G	Sterile plastic	Enterococci by Enterolert Quant Tray	ice/Na2S2O3		3/2/2020 10:52
	#12-Pensacola Bay-3302J7GS12	SW	G	Sterile plastic	Enterococci by Enterolert Quant Tray	ice/Na2S2O3		3/2/2020 10:41
	#13-Pen Bay/Hawkshaw Lagoon-3302J1HL1	SW	G	Sterile plastic	Enterococci by Enterolert Quant Tray	ice/Na2S2O3		3/2/2020 11:27
	#14-Pensacola Bay-3302J1GS7	SW	G	Sterile plastic	Enterococci by Enterolert Quant Tray	ice/Na2S2O3		3/2/2020 11:40

Comments sample container lot# Marine Waters "Samples are ambient water and not suspected to contain chlorine."

RQ-2020-02-24-10

Contact organization FDEPContact name Zach Schang

Phone: (850) 324-1666

Address 160 Governmental Center, suite 308, Pensacola, FL 32502Sampler's name: Zach Schang¹Matrix SW = surface water, PW = pore water, GW = ground water, S = soil/sediment, X = _____²Type codes G = grab, C = composite, X = _____³Recorded using IRT-2

Date of Request: 15-JAN-2020
 Created By: BUNCH_CA On: 15-JAN-2020
 Modified By: WATTS_J On: 24-FEB-2020
 Customer: NW-DIST
 Project: DISTRICT
 Division: Division of Environmental Assessment and Restoration
 District: Northwest District
 Sampling Event: Project Greenshores

Send Coolers To:

Phone: SC-695-8300
 160 Government Center
 Suite 308
 Pensacola, FL 32502-5794
 Attn: Cheryl Bunch

Program Module Number: 1306
 Priority: 3
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 29-JAN-2020
 Biology Request Reviewed By: JASROTIA_P On: 29-JAN-2020
 Sampling Kit Required: YES Ship on: 14-FEB-2020
 Sampling Kit Shipped: YES On: 13-FEB-2020
 Sampling Kit Packed By: REYNOLDS_T
 Preservatives Needed: YES
 Date to Receive Samples: 02-MAR-2020
 Received By:

Send Final Report To:

160 Government Center
 Suite 308
 Pensacola, FL 32502-5794
 Attn: Cheryl Bunch

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

Comments: 1 - case of sulfuric acid/2 sets of labels

Bottle Group A (Water) With 14 Samples:

Bottle Type: BP-1L	Number of Bottles: 14	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: 14	Preserved With: ICE
NW-UWF-ENQ	Template: DEFAULT	(Enterolert/QT) Enterococci by Enterolert/QT by UWF in Pensacola
Bottle Type: P-1L	Number of Bottles: 14	Preserved With: ICE
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity 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-TSS	Template: DEFAULT	(SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample
Bottle Type: P-500ML	Number of Bottles: 14	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