

RQ- 2022-11-14-04

Login Checklist

Login Station ID: #4

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 11/17/2022 9:35

*Cooler Temperature	Samples Frozen?	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Waybill Tracking #
	YES	HNO ₃	Formalin		Present?		*Intact?		
					Yes	No	Yes	No	
1.8				15		X			5859 4730 7178
1.6				15		X			5859 4730 7167
0.2				12		X			5859 4730 7156

COOLER CHECK

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 °C (above 10.0 °C 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 ☒ No ☐

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included?

Yes ☐ No ☒

CONTAINER CHECK

Evidence Tape on Bottles?

Yes ☐ No ☐ NA ☒ Evidence Tape intact? Yes ☐ No ☐

If Criminal, photographs taken?

Yes ☐ No ☐Containers intact? Yes ☒ No ☐

Caps on tight?

Yes ☒ No ☐

Sufficient Sample Volume:

Yes ☒ 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 ☒ Init: RL

Chlorine detected? (One container checked per Field ID)

Yes ☐ No ☐ Init: _____

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 ☒ No ☐ NA ☐ Init: RL / CP**W-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes ☐ No ☐ NA ☒ Init: RL / CP

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

Coolers Unpacked/Checked by: RL

Date: 11/17/2022

Event contains NCRs (Y/N)? N

Event ID:

Project GreenShores Quarterly Sampling
NW-DIST-2022-11-17-02 (DISTRICT)

Date Received: 17-NOV-2022 09:35

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	IR TEMP GUN #4 Exp:10/17/2023
pH Test Strips 0 – 6	LOT# 223819AV Exp: AUG 30, 2023
pH Paper 0 – 3	N/A
pH Paper 0 – 13	LOT# 207621 Exp: March 15, 2024
Chlorine Test Strips	LOT# 0070 Exp: Feb. 2023

ENCORE SAMPLES

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

Were Encore samples received? Yes _____ Init: _____

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# _____

Central Laboratory Submittal Form

Customer: NW-DIST

Requester: Beth Fugate

Field Report Prepared By: Zach Schang

Project ID: DISTRICT

Collected By: Zach Schang

Sampling Agency: FDEP

Location Range Marker East of Bayou Texar	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 11/16/22 Time 8:31	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Field ID 1	Matrix (type, e.g., Salt, Fresh, etc) salt	Diss. Oxygen 92.3	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)	A
WIN/STORET # 3302H32651 3302H32651	Temp (C) 17.0	pH 7.84	Sample Depth 0.15	Sp. Conductance (umho/cm) 45456	
Latitude 30.420278 ☒ dd ☐ dms	Longitude 87.1831944 ☒ dd ☐ dms	Salinity (ppt) 29.49	Comments		
Location Midpoint between bay bridge and Muscogee Wharf	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 11/16/22 Time 8:47	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID 2	Matrix (type, e.g., Salt, Fresh, etc) salt	Diss. Oxygen 94.6	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)	A
WIN/STORET # 3302J8652	Temp (C) 17.4	pH 8.04	Sample Depth 0.15	Sp. Conductance (umho/cm) 45272	
Latitude 30.4411722 ☒ dd ☐ dms	Longitude 87.1936111 ☒ dd ☐ dms	Salinity (ppt) 29.36	Comments		
Location East End of Primary Stormdrain	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 11/16/22 Time 8:58	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID 3	Matrix (type, e.g., Salt, Fresh, etc) salt	Diss. Oxygen 93.9	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)	A
WIN/STORET # 3302J2653	Temp (C) 17.9	pH 8.07	Sample Depth 0.15	Sp. Conductance (umho/cm) 47438	
Latitude 30.416111 ☒ dd ☐ dms	Longitude 87.19425 ☒ dd ☐ dms	Salinity (ppt) 30.93	Comments		
Location South of Primary Stormdrain	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 11/16/22 Time 9:05	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID 4	Matrix (type, e.g., Salt, Fresh, etc) salt	Diss. Oxygen 89.0	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)	A
WIN/STORET # 3302J2654	Temp (C) 18.3	pH 8.03	Sample Depth 0.15	Sp. Conductance (umho/cm) 47636	
Latitude 30.416667 ☒ dd ☐ dms	Longitude 87.1966111 ☒ dd ☐ dms	Salinity (ppt) 31.08	Comments		

Relinquished By: Z. Schang	Date/Time 11/16/22 / COB	Shipping Method FedEx	Number of Coolers Shipped: 3	Received By: ZK	Date/Time 11-17-2022 9:35
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Group: A	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 14	Preservative: ICE	Enter Number of Bottles Sent to Lab	14
Group: A	Bottle Type: NW-UWF-ENQ	TEST HAS NO BOTTLE	# of Bottles: 14	Preservative: ICE	Enter Number of Bottles Sent to Lab	14
Group: A	Bottle Type: TURBIDITY W-COLOR W-TSS	P-1L	# of Bottles: 14	Preservative: ICE	Enter Number of Bottles Sent to Lab	14
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	14

H2SO4
LOT# SA2229010
EXP: 08/30/2023

Central Laboratory Submittal Form

Customer: NW-DIST

Requester: Beth Fugate

Field Report Prepared By: Zach Schang

Project ID: DISTRICT

Collected By: Zach Schang

Sampling Agency: FDEP

Location End of Chase St		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 11/16/22 Time 9:22		Eastern Central		Composite end Date Time		Bottle Group(s) (See pg 2)	
Field ID 5		Matrix (type, e.g., Salt, Fresh, etc) salt		Diss. Oxygen 93.1		☐ mg/L ☒ % sat		Total Res. Chlorine (mg/L)		A	
WIN/STORET # 3302J2655		Temp (C) 18.0		pH 8.05		Sample Depth 0.15		Sp. Conductance (umho/cm) 47410			
Latitude 30.415528 ☒ dd ☐ dms		Longitude 87.1980277 ☒ dd ☐ dms		Salinity (ppt) 30.94		Comments					
Location Midpoint between Muscogee and Hawkshaw		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 11/16/22 Time 9:28		Eastern Central		Composite end Date Time		Bottle Group(s)	
Field ID 6		Matrix (type, e.g., Salt, Fresh, etc) salt		Diss. Oxygen 95.4		☐ mg/L ☒ % sat		Total Res. Chlorine (mg/L)		A	
WIN/STORET # 3302J1656		Temp (C) 18.0		pH 8.09		Sample Depth 0.15		Sp. Conductance (umho/cm) 47385			
Latitude 30.412375 ☒ dd ☐ dms		Longitude 87.2007916 ☒ dd ☐ dms		Salinity (ppt) 30.90		Comments					
Location Midpoint between bridge and port spoil pond		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 11/16/22 Time 9:37		Eastern Central		Composite end Date Time		Bottle Group(s)	
Field ID 7		Matrix (type, e.g., Salt, Fresh, etc) salt		Diss. Oxygen 95.3		☐ mg/L ☒ % sat		Total Res. Chlorine (mg/L)		A	
WIN/STORET # 3302J8657		Temp (C) 17.7		pH 8.08		Sample Depth 0.15		Sp. Conductance (umho/cm) 46792			
Latitude 30.408194 ☒ dd ☐ dms		Longitude 87.1993333 ☒ dd ☐ dms		Salinity (ppt) 30.46		Comments					
Location West of Primary Stormdrain		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 11/16/22 Time 9:13		Eastern Central		Composite end Date Time		Bottle Group(s)	
Field ID 8		Matrix (type, e.g., Salt, Fresh, etc) salt		Diss. Oxygen 91.2		☐ mg/L ☒ % sat		Total Res. Chlorine (mg/L)		A	
WIN/STORET # 3302J2658		Temp (C) 17.9		pH 7.99		Sample Depth 0.15		Sp. Conductance (umho/cm) 46940			
Latitude 30.416528 ☒ dd ☐ dms		Longitude 87.1979722 ☒ dd ☐ dms		Salinity (ppt) 30.57		Comments					

Relinquished By:

Date/Time

Shipping Method

Number of Coolers Shipped:

Received By:

Date/Time

Z. Schang

11/16/22 / COB

FedEx

3

R

11-17-2022 9:35

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: Beth Fugate

Field Report Prepared By: Zach Schang

Project ID: DISTRICT

Collected By: Zach Schang

Sampling Agency: FDEP

Location West of Hawthorne lagoon		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 11/16/22 Time 10:14	Eastern ☒ Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Field ID 9	Matrix (type, e.g., Salt, Fresh, etc) Salt	Diss. Oxygen 91.9	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)		A
WIN/STORET # 330231659	Temp (C) 16.9	pH 7.96	Sample Depth 0.15	☐ ft ☒ m	Sp. Conductance (umho/cm) 45856	
Latitude 30.409444	☒ dd ☐ dms	Longitude 87.2034722	☒ dd ☐ dms	Salinity (ppt) 29.78	Comments	
Location South of Bayfront Stormdrain		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 11/16/22 Time 10:05	Eastern ☒ Central	Composite end Date Time	Bottle Group(s)
Field ID 10	Matrix (type, e.g., Salt, Fresh, etc) Salt	Diss. Oxygen 94.2	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)		A
WIN/STORET # 3302376510	Temp (C) 17.7	pH 8.01	Sample Depth 0.15	☐ ft ☒ m	Sp. Conductance (umho/cm) 46764	
Latitude 30.408194	☒ dd ☐ dms	Longitude 87.2050277	☒ dd ☐ dms	Salinity (ppt) 30.44	Comments	
Location Seville Marina Inlet		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 11/16/22 Time 9:58	Eastern ☒ Central	Composite end Date Time	Bottle Group(s)
Field ID 11	Matrix (type, e.g., Salt, Fresh, etc) Salt	Diss. Oxygen 87.8	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)		A
WIN/STORET # 3302376511	Temp (C) 18.0	pH 8.02	Sample Depth 0.15	☐ ft ☒ m	Sp. Conductance (umho/cm) 45918	
Latitude 30.407694	☒ dd ☐ dms	Longitude 87.2074444	☒ dd ☐ dms	Salinity (ppt) 29.91	Comments	
Location East of Port Spoil Pond		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 11/16/22 Time 9:46	Eastern ☒ Central	Composite end Date Time	Bottle Group(s)
Field ID 12	Matrix (type, e.g., Salt, Fresh, etc) Salt	Diss. Oxygen 96.0	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)		A
WIN/STORET # 3302376512	Temp (C) 17.9	pH 8.08	Sample Depth 0.15	☐ ft ☒ m	Sp. Conductance (umho/cm) 47075	
Latitude 30.405694	☒ dd ☐ dms	Longitude 87.2036666	☒ dd ☐ dms	Salinity (ppt) 30.67	Comments	

Relinquished By: Z. Schang	Date/Time 11/16/22 COB	Shipping Method FedEx	Number of Coolers Shipped: 3	Received By: M	Date/Time 11-17-2022 9:35
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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: Beth Fugate

Field Report Prepared By: Zach Schang

Project ID: DISTRICT

Collected By: Zach Schang

Sampling Agency: FDEP

Location Hawkshaw Lagoon at Memorial Bridge		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 11/16/22 Time 11:07		Eastern Central		Composite end Date Time		Bottle Group(s) (See pg 2)	
Field ID 13		Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 94.6		☐ mg/L ☒ % sat		Total Res. Chlorine (mg/L)		A	
WIN/STORET # 330231HLI		Temp (C) 15.9		pH 7.76		Sample Depth 0.15		Sp. Conductance (umho/cm) 30259			
Latitude 30.412125		☒ dd ☐ dms		Longitude 87.2024333		☒ dd ☐ dms		Salinity (ppt) 18.82		Comments	
Location 150 ft. South of Hawkshaw Lagoon East		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 11/16/22 Time 10:39		Eastern Central		Composite end Date Time		Bottle Group(s)	
Field ID 14		Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 102.7		☐ mg/L ☒ % sat		Total Res. Chlorine (mg/L)		A	
WIN/STORET # 330231G57		Temp (C) 17.8		pH 8.09		Sample Depth 0.15		Sp. Conductance (umho/cm) 47264			
Latitude 30.413111		☒ dd ☐ dms		Longitude 87.2011944		☒ dd ☐ dms		Salinity (ppt) 30.82		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		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		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		Sp. Conductance (umho/cm)			
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Salinity (ppt)		Comments	

Relinquished By: Z. Schang	Date/Time 11/16/22 COB	Shipping Method FedEx	Number of Coolers Shipped: 3	Received By: R	Date/Time 11-17-2022 9:35
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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 _____

Date of Request: 17-MAY-2022
 Created By: FUGATE_B On: 17-MAY-2022
 Modified By: JASROTIA_P On: 26-OCT-2022
 Customer: NW-DIST
 Project: DISTRICT
 Division: Office of Coastal and Aquatic Managed Areas
 District: Northwest
 Event Description: Project GreenShores Quarterly Sampling

Send Coolers To:

Phone: 850-471-6028
 3000 Environmnetal Place

 Pensacola, FL 32514
 Attn: Beth Fugate
 Cooler Ship EMail: beth.l.fugate@floridadep.gov

Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: AYRES_J On: 26-OCT-2022
 Biology Request Reviewed By: JASROTIA_P On: 26-OCT-2022
 Sampling Kit Required: YES Ship on: 04-NOV-2022
 Sampling Kit Shipped: YES On: 03-NOV-2022
 Sampling Kit Packed By: KLUG_K
 Preservatives Needed: YES
 Date to Receive Samples: 14-NOV-2022
 Logged In By: ROBERTS_Z On: 17-NOV-2022

Send Final Report To:

160 Government Center
 Suite 208
 Pensacola, FL 32502-5794
 Attn: Miranda Butler
 Report Notification EMail: Myranda.k.butler@floridadep.gov

Comments: Bottle Group A; Nutrients; Contract Lab Bacteria

Packing Notes:
 1 box sulfuric acid

FedEx Return Label

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	(DEP SOP: NU-094-1) True Color measured at 450 nm (not valid for NPDES monitoring)
Color (true)		
W-TSS	Template: DEFAULT	(SM 2540 D-2015) 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