

RQ- 2023-11-13-47 **Login Checklist**

Login Station ID: #3

Shipping Method: FedEx | UPS | HD | GreyhoundDate/Time of Receipt: 11/14/23 @ 0910

*Cooler Temperature	Samples Frozen?	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Waybill Tracking #
					Present?		*Intact?		
					Yes	No	Yes	No	
1.0				12		x			648484599221
6.4				9		X			648484599220
6.5				12		X			648484599243
6.5				9		X			648484599232

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**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: BKK

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 X No _____ NA _____ Init: BKK

**W-1-4-DIOX (Green dot on container) preserved to pH < 4.0?

Yes _____ No _____ NA X Init: BKK

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

Coolers Unpacked/Checked by: BKK

Date: 11/14/23 Event contains NCRs(Y/N)? N

Project Greenshores
 Event ID: NW-DIST-2023-11-14-01 (DISTRICT)
 - Date Received: 14-NOV-2023 09:10

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	IR TEMP GUN #3 Exp:10/16/2024
pH Test Strips 0 – 6	Lot#223819BV Exp:8/15/24
pH Paper 0 – 3	
pH Paper 0 – 13	Lot#207621 Exp:3/15/24
Chlorine Test Strips	Lot#2313 Exp:7/25

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# _____

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Project Greenshores

last revised Jan 25, 2018

Customer: NW-DIST

Requester: Michael King

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 11/13/23 Time 9:20	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 90.0	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)		A
WIN/STORET # 3302H32GS1	Temp (C) 19.9	pH 7.88	Sample Depth .15	☐ ft ☒ m	Sp. Conductance (umho/cm) 38216	
Latitude 30.420278	☒ dd ☐ dms	Longitude 87.1831944	☒ dd ☐ dms	Salinity (ppt) 24.35	Comments	
Location Midpoint between bay bridge and Muscogee Wharf		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 11/13/23 Time 9:30	Eastern ☒ Central	Composite end Date Time	Bottle Group(s)
Field ID 2	Matrix (type, e.g., Salt, Fresh, etc) Salt	Diss. Oxygen 95.0	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)		A
WIN/STORET # 3302J8GS2	Temp (C) 20.4	pH 8.00	Sample Depth .15	☐ ft ☒ m	Sp. Conductance (umho/cm) 39386	
Latitude 30.4411722	☒ dd ☐ dms	Longitude 87.1936111	☒ dd ☐ dms	Salinity (ppt) 25.17	Comments	
Location East end of primary stormdrain		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 11/13/23 Time 9:40	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 # 3302J2GS3	Temp (C) 20.7	pH 8.06	Sample Depth .15	☐ ft ☒ m	Sp. Conductance (umho/cm) 41179	
Latitude 30.416111	☒ dd ☐ dms	Longitude 87.19425	☒ dd ☐ dms	Salinity (ppt) 26.70	Comments	
Location South of primary stormdrain		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 11/13/23 Time 9:47	Eastern ☒ Central	Composite end Date Time	Bottle Group(s)
Field ID 4	Matrix (type, e.g., Salt, Fresh, etc) Salt	Diss. Oxygen 92.7	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)		A
WIN/STORET # 3302J2GS4	Temp (C) 20.9	pH 8.09	Sample Depth .15	☐ ft ☒ m	Sp. Conductance (umho/cm) 42935	
Latitude 30.416667	☒ dd ☐ dms	Longitude 87.1966111	☒ dd ☐ dms	Salinity (ppt) 27.67	Comments	

Relinquished By: Z. Schang	Date/Time 11/13/23 / COB	Shipping Method FedEx	Number of Coolers Shipped: 4	Received By: Brian Avelar	Date/Time 11/14/23 0910
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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	14
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
SER: # 143722
EXP: 01/22/2024

Project Greenshores

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NW-DIST

Requester: Michael King

Field Report Prepared By:

Zach Schang

Project ID: DISTRICT

Collected By:

Zach Schang

Sampling Agency:

FDEP

Location End of Chase Street		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 11/13/23 Time 10:02		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 88.7	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)		A
WIN/STORET # 3302J2G55		Temp (C) 20.4	pH 7.97	Sample Depth .15	☐ ft ☒ m	Sp. Conductance (umho/cm) 41156		
Latitude 30.415528	☒ dd ☐ dms	Longitude 87.1980277	☒ dd ☐ dms	Salinity (ppt) 26.40	Comments			
Location Midpoint between Muscogee and Hawkshaw		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 11/13/23 Time 10:07		Eastern ☒ Central	Composite end Date Time		Bottle Group(s)
Field ID 6		Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 95.8	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)		A
WIN/STORET # 3302J1G56		Temp (C) 20.5	pH 8.04	Sample Depth .15	☐ ft ☒ m	Sp. Conductance (umho/cm) 40291		
Latitude 30.412375	☒ dd ☐ dms	Longitude 87.2007916	☒ dd ☐ dms	Salinity (ppt) 25.79	Comments			
Location Midpoint between bridge and port spoil pond		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 11/13/23 Time 10:15		Eastern ☒ Central	Composite end Date Time		Bottle Group(s)
Field ID 7		Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 96.4	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)		A
WIN/STORET # 3302J8G57		Temp (C) 20.05	pH 8.08	Sample Depth .15	☐ ft ☒ m	Sp. Conductance (umho/cm) 41268		
Latitude 30.408194	☒ dd ☐ dms	Longitude 87.1993333	☒ dd ☐ dms	Salinity (ppt) 26.49	Comments			
Location West of primary stormdrain		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 11/13/23 Time 9:54		Eastern ☒ Central	Composite end Date Time		Bottle Group(s)
Field ID 8		Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 90.1	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)		A
WIN/STORET # 3302J2G58		Temp (C) 20.7	pH 8.00	Sample Depth .15	☐ ft ☒ m	Sp. Conductance (umho/cm) 41756		
Latitude 30.416528	☒ dd ☐ dms	Longitude 87.1979722	☒ dd ☐ dms	Salinity (ppt) 26.82	Comments			

Relinquished By: Z. Schang	Date/Time 11/13/23 / COB	Shipping Method FedEx	Number of Coolers Shipped: 4	Received By: Brian Krewen	Date/Time 11/14/23 0910
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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	
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: Michael King

Field Report Prepared By:

Zach Schang

Project ID: DISTRICT

Collected By:

Zach Schang

Sampling Agency:

FDEP

Location West of Hawkshaw Lagoon		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 11/13/23 Time 10:46	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 93.2	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)	A		
WIN/STORET # 3302J1G59	Temp (C) 20.4	pH 8.04	Sample Depth .15	☐ ft ☒ m			Sp. Conductance (umho/cm) 41034
Latitude 30.409444	☒ dd ☐ dms	Longitude 87.2034722	☒ dd ☐ dms	Salinity (ppt) 26.32			Comments
Location South of Bayfront stormdrain		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 11/13/23 Time 10:39	Eastern ☒ Central	Composite end Date Time	Bottle Group(s)	
Field ID 10	Matrix (type, e.g., Salt, Fresh, etc) Salt	Diss. Oxygen 93.6	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)	A		
WIN/STORET # 3302J7G510	Temp (C) 20.4	pH 8.00	Sample Depth .15	☐ ft ☒ m			Sp. Conductance (umho/cm) 40460
Latitude 30.408194	☒ dd ☐ dms	Longitude 87.2050277	☒ dd ☐ dms	Salinity (ppt) 25.92			Comments
Location Seville Marina Inlet		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 11/13/23 Time 10:32	Eastern ☒ Central	Composite end Date Time	Bottle Group(s)	
Field ID 11	Matrix (type, e.g., Salt, Fresh, etc) Salt	Diss. Oxygen 83.0	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)	A		
WIN/STORET # 3302J7G511	Temp (C) 20.5	pH 7.75	Sample Depth .15	☐ ft ☒ m			Sp. Conductance (umho/cm) 35555
Latitude 30.407694	☒ dd ☐ dms	Longitude 87.2074444	☒ dd ☐ dms	Salinity (ppt) 22.47			Comments
Location East of port spoil pond		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 11/13/23 Time 10:25	Eastern ☒ Central	Composite end Date Time	Bottle Group(s)	
Field ID 12	Matrix (type, e.g., Salt, Fresh, etc) Salt	Diss. Oxygen 96.7	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)	A		
WIN/STORET # 3302J7G512	Temp (C) 20.6	pH 8.09	Sample Depth .15	☐ ft ☒ m			Sp. Conductance (umho/cm) 41352
Latitude 30.405694	☒ dd ☐ dms	Longitude 87.2036666	☒ dd ☐ dms	Salinity (ppt) 26.55			Comments

Relinquished By: Z. Schang	Date/Time 11/13/23 /LOB	Shipping Method FedEx	Number of Coolers Shipped: 4	Received By: Brian R. [Signature]	Date/Time 11/14/23 0910
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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	
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 Greenshores

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NW-DIST

Requester: Michael King

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 11/12 11/13/23 Time 11:03		Eastern ☒ Central	Composite end Date Time		Bottle Group(s) (See pg 2) A
Field ID 13		Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 86.9	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)		
WIN/STORET # 3302J1HL1		Temp (C) 19.8	pH 7.55	Sample Depth .15	☐ ft ☒ m	Sp. Conductance (umho/cm) 31025		
Latitude 30.412125	☒ dd ☐ dms	Longitude 87.2024333	☒ dd ☐ dms	Salinity (ppt) 19.34	Comments			
Location 150ft. South of Hawkshaw Lagoon East stormdrain		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 11/13/23 Time 11:16		Eastern ☒ Central	Composite end Date Time		Bottle Group(s) A
Field ID 14		Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 88.7	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)		
WIN/STORET # 3302J1G57		Temp (C) 19.7	pH 7.90	Sample Depth .15	☐ ft ☒ m	Sp. Conductance (umho/cm) 40514		
Latitude 30.413111	☐ dd ☐ dms	Longitude 87.2011944	☒ dd ☐ dms	Salinity (ppt) 25.94	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: Z. Schang	Date/Time 11/13/23/COB	Shipping Method FedEx	Number of Coolers Shipped: 4	Received By: Brian Kneuch	Date/Time 11/14/23 0910
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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					

Document Reference # 05.1.0

Sampler's initials: YJA

Date/Time: 11/13/2023

[illegible]³ Recorded using IRT-2

Date of Request: 24-OCT-2023
 Created By: KING_M On: 24-OCT-2023
 Modified By: JASROTIA_P On: 26-OCT-2023
 Customer: NW-DIST
 Project: DISTRICT
 Division: Office of Coastal and Aquatic Managed Areas
 District: Northwest District
 Event Description: Project Greenshores

Send Coolers To:

Phone: 850-471-6027
 3000 Environmental Place

 Pensacola, FL 32514
 Attn: Zachary Schang
 Cooler Ship Email: zachary.schang@dep.state.fl.us

Priority: 3
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: AYRES_J On: 25-OCT-2023
 Biology Request Reviewed By: JASROTIA_P On: 26-OCT-2023
 Sampling Kit Required: YES Ship on: 07-NOV-2023
 Sampling Kit Shipped: YES On: 01-NOV-2023
 Sampling Kit Packed By: KREUCH_B
 Preservatives Needed: NO
 Date to Receive Samples: 13-NOV-2023
 Logged In By:

Send Final Report To:

160 Government Center
 Suite 208
 Pensacola, FL 32502-5794
 Attn: Myranda K Butler
 Report Notification Email:
 Michael.King@dep.state.fl.us;Myranda.K.Butler@FloridaDEP.gov

Comments:**Bottle Group A (Water) With 14 Samples:**

Bottle Type: BP-1L	Number of Bottles: 14	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10150 B) 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