

Login Checklist

RQ- 2024-05-13-21

Login Station ID: #1

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 06/ 5 /24 @ 9:00

*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	
2.6				12		✓			7281 6631 0957
6.5				12		✓			7281 6631 0979
0.6				9		✓			7281 6631 0968
10.3				9		✓			7281 6631 0946

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# 10517

Chain of Custody/ Field Sheet(s) Included?

Yes ☒ No _____

Micro-Biology Overflow Chain of Custody/ FieldSheet(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: hkh

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: hkh

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

Yes _____ No ☒ NA ☒ Init: _____

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

Coolers Unpacked/Checked by: hkh

Date: 06/ 5 /24

Event contains NCRs (Y/N)? Y

Event ID: Project Greenshores
NW-DIST-2024-06-05-02 (DISTRICT)

Date Received: 05-JUN-2024 09:00

Login Checklist

Samira Barone
6/6/24 9:34am
color turb. x3

Login Preservation Equipment

Lot # & Exp: Date

Infrared Thermometer ID:	IR TEMP GUN #1 Exp:10/16/2024
pH Test Strips 0 – 6	Lot#223819BV Exp:8/15/24
pH Paper 0 – 3	
pH Paper 0 – 13	Lot# 228323 Exp:10/01/26
Chlorine Test Strips	Lot#3180A Exp:4/26

Additional Comments:

x3 chl 06/06/24 9:30 ~~msd~~
* 4th cooler arrived on 6-6-24
at 09:12

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# _____

Project Greenshores

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NW-DIST

Requester: Zachary Schang

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 6/4/24 Time 9:17	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 91.1	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)	A		
WIN/STORET # 3302H32G51	Temp (C) 27.2	pH 7.59	Sample Depth .15	☐ ft ☒ m			Sp. Conductance (umho/cm) 18916
Latitude 30.420278	☒ dd ☐ dms	Longitude 87.1831944	☒ dd ☐ dms	Salinity (ppt) 11.26			Comments
Location Midpoint between bay bridge and Muscogee Wharf		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 6/4/24 Time 9:32	Eastern ☒ Central	Composite end Date Time	Bottle Group(s)	
Field ID 2	Matrix (type, e.g., Salt, Fresh, etc) Salt	Diss. Oxygen 99.8	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)	A		
WIN/STORET # 3302J8G52	Temp (C) 27.4	pH 7.82	Sample Depth .15	☐ ft ☒ m			Sp. Conductance (umho/cm) 20305
Latitude 30.4411722	☒ dd ☐ dms	Longitude 87.1936111	☒ dd ☐ dms	Salinity (ppt) 12.08			Comments
Location East end of primary stormdrain		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 6/4/24 Time 9:39	Eastern ☒ Central	Composite end Date Time	Bottle Group(s)	
Field ID 3	Matrix (type, e.g., Salt, Fresh, etc) Salt	Diss. Oxygen 95.4	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)	A		
WIN/STORET # 3302J2G53	Temp (C) 27.4	pH 7.72	Sample Depth .15	☐ ft ☒ m			Sp. Conductance (umho/cm) 19755
Latitude 30.416111	☒ dd ☐ dms	Longitude 87.19425	☒ dd ☐ dms	Salinity (ppt) 11.73			Comments
Location South of primary stormdrain		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 6/4/24 Time 9:42	Eastern ☒ Central	Composite end Date Time	Bottle Group(s)	
Field ID 4	Matrix (type, e.g., Salt, Fresh, etc) Salt	Diss. Oxygen 91.8	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)	A		
WIN/STORET # 3302J2G54	Temp (C) 27.4	pH 7.63	Sample Depth .15	☐ ft ☒ m			Sp. Conductance (umho/cm) 17876
Latitude 30.416667	☒ dd ☐ dms	Longitude 87.1966111	☒ dd ☐ dms	Salinity (ppt) 10.46			Comments

Relinquished By: Z. Schang	Date/Time 6/4/24 / COB	Shipping Method FedEx	Number of Coolers Shipped: 4	Received By: Kih	Date/Time 6-5-24 / 0900
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* 6-6-24 / 0912

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
Lot #: SA3193140
Exp 7/31/24

Project Greenshores

last revised Jan 25, 2018

Central Laboratory Submittal Form

Customer: NW-DIST

Requester: Zachary Schang

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 6/4/24 Time 9:56		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 97.6		☐ mg/L ☒ % sat		Total Res. Chlorine (mg/L)		A	
WIN/STORET # 330252655		Temp (C) 27.3		pH 7.74		Sample Depth .15		Sp. Conductance (umho/cm) 17623			
Latitude 30.415528		☒ dd ☐ dms		Longitude 87.1980277		☒ dd ☐ dms		Salinity (ppt) 10.35		Comments	
Location Midpoint between Muscogee and Hawkshaw		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 6/4/24 Time 10:19		Eastern Central		Composite end Date Time		Bottle Group(s)	
Field ID 6		Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 98.0% 47.6		☐ mg/L ☒ % sat		Total Res. Chlorine (mg/L)		A	
WIN/STORET # 330251656		Temp (C) 27.4		pH 7.74		Sample Depth .15		Sp. Conductance (umho/cm) 18091			
Latitude 30.412375		☒ dd ☐ dms		Longitude 87.2007916		☒ dd ☐ dms		Salinity (ppt) 10.65		Comments wrote in wrong spot and needed to switch	
Location Midpoint between bridge and port spoil pond		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 6/4/24 Time 10:37		Eastern Central		Composite end Date Time		Bottle Group(s)	
Field ID 7		Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 100.3		☐ mg/L ☒ % sat		Total Res. Chlorine (mg/L)		A	
WIN/STORET # 330258657		Temp (C) 27.7		pH 7.83		Sample Depth .15		Sp. Conductance (umho/cm) 20840			
Latitude 30.408194		☒ dd ☐ dms		Longitude 87.1993333		☒ dd ☐ dms		Salinity (ppt) 12.45		Comments	
Location West of Primary stormdrain		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 6/4/24 Time 10:07		Eastern Central		Composite end Date Time		Bottle Group(s)	
Field ID 8		Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 92.7		☐ mg/L ☒ % sat		Total Res. Chlorine (mg/L)		A	
WIN/STORET # 330252658		Temp (C) 27.4		pH 7.63		Sample Depth .15		Sp. Conductance (umho/cm) 17422			
Latitude 30.416528		☒ dd ☐ dms		Longitude 87.1979722		☒ dd ☐ dms		Salinity (ppt) 10.23		Comments	

Relinquished By:

Z. Schang

Date/Time

6/4/24 / COB

Shipping Method

FedEx

Number of Coolers Shipped:

4

Received By:

VH

Date/Time

6.5.24 / 0900

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: Zachary Schang

Field Report Prepared By: Zachary Schang

Project ID: DISTRICT

Collected By: Zachary Schang

Sampling Agency: FDSP

Location West of Hawkshaw Lagoon		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 6/4/24 Time 11:20		Eastern <u>Central</u>	Composite end Date Time		Bottle Group(s) (See pg 2) A	
Field ID 9		Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 83.0	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)			
WIN/STORET # 3302J1GS9		Temp (C) 28.0	pH 7.46	Sample Depth .15	☐ ft ☒ m	Sp. Conductance (umho/cm) 16989			
Latitude 30.409444	☒ dd ☐ dms	Longitude 87.2034722	☒ dd ☐ dms	Salinity (ppt) 9.95	Comments				
Location South of Bayfront stormdrain		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 6/4/24 Time 11:10		Eastern <u>Central</u>	Composite end Date Time		Bottle Group(s) A	
Field ID 10		Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 91.6	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)			
WIN/STORET # 3302J7GS10		Temp (C) 27.7	pH 7.62	Sample Depth .15	☐ ft ☒ m	Sp. Conductance (umho/cm) 17968			
Latitude 30.408194	☒ dd ☐ dms	Longitude 87.2050277	☒ dd ☐ dms	Salinity (ppt) 10.59	Comments				
Location Seville Marina Inlet		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 6/4/24 Time 11:02		Eastern <u>Central</u>	Composite end Date Time		Bottle Group(s) A	
Field ID 11		Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 86.6	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)			
WIN/STORET # 3302J7GS11		Temp (C) 28.2	pH 7.33	Sample Depth .15	☐ ft ☒ m	Sp. Conductance (umho/cm) 15904			
Latitude 30.407694	☒ dd ☐ dms	Longitude 87.2074444	☒ dd ☐ dms	Salinity (ppt) 9.25	Comments				
Location East of port spoil pond		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 6/4/24 Time 10:43		Eastern <u>Central</u>	Composite end Date Time		Bottle Group(s) A	
Field ID 12		Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 100.1	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)			
WIN/STORET # 3302J7GS12		Temp (C) 27.8	pH 7.81	Sample Depth .15	☐ ft ☒ m	Sp. Conductance 20651 (umho/cm) 20651			
Latitude 30.405694	☒ dd ☐ dms	Longitude 87.2036666	☒ dd ☐ dms	Salinity (ppt) 21.747	Comments				

Relinquished By: Z. Schang	Date/Time 6/4/24 1003	Shipping Method FedEx	Number of Coolers Shipped: 4	Received By: Hh	Date/Time 6-5-24/0900
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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						

Request Number: RQ-2024-05-13-21

Florida Department of Environmental Protection

43f4
Page 1 of 2

Project Greenshores

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NW-DIST

Requester: Zachary Schang

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 _____ Time 11:49		Eastern ☒ Central	Composite end Date _____ Time 11:49		Bottle Group(s) (See pg 2) A
Field ID 13		Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 69.8	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)		
WIN/STORET # 3302J1HL1		Temp (C) 28.7	pH 7.16	Sample Depth .15	☐ ft ☒ m	Sp. Conductance (umho/cm) 11754		
Latitude 30.412125	☒ dd ☐ dms	Longitude 87.2024333	☒ dd ☐ dms	Salinity (ppt) 6.67	Comments			
Location 150 ft. South of Hawkshaw Lagoon East stormdrain		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 6/4/2024 Time 11:31		Eastern ☒ Central	Composite end Date _____ Time 11:49		Bottle Group(s) A
Field ID 14		Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 84.1	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)		
WIN/STORET # 3302J1GS7		Temp (C) 28.3	pH 7.42	Sample Depth .15	☐ ft ☒ m	Sp. Conductance (umho/cm) 15776		
Latitude 30.413111	☒ dd ☐ dms	Longitude 87.2011944	☒ dd ☐ dms	Salinity (ppt) 9.17	Comments Wrote 13 in 14 and switched			
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 6/4/24/COB	Shipping Method FedEx	Number of Coolers Shipped: 4	Received By: Kik	Date/Time 6-5-24/0900
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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 _____

Document Reference # 05.1.0

Sampler's initials: 7S

Date/Time: _____ / _____

If a field log or other chain of custody is attached, that information may be referenced on this form and the log or C/C attached.

[illegible]

“Samples are ambient water and not suspected to contain chlorine.”

Phone: (850) 471-6027

Sampler's name: Ezekiel Schaner

³ Recorded using IRT-2

Date of Request: 10-APR-2024
Created By: SCHANG_Z On: 10-APR-2024
Modified By: JASROTIA_P On: 24-APR-2024
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: Zach Schang
Cooler Ship EMail: Zachary.Schang@floridadep.gov

Priority: 3
Event Status: R
Criminal Investigation: NO
Chemistry Request Reviewed By: AYRES_J On: 24-APR-2024
Biology Request Reviewed By: JASROTIA_P On: 24-APR-2024
Sampling Kit Required: YES Ship on: 03-MAY-2024
Sampling Kit Shipped: YES On: 02-MAY-2024
Sampling Kit Packed By: PENDLETO_C
Preservatives Needed: YES
Date to Receive Samples: 13-MAY-2024
Logged In By: KLUG_K On: 05-JUN-2024

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
;Zachary.Schang@floridadep.gov

Comments: #####

THIS is a NEW ADDRESS

Update Zach Schang's address in FedEx

1 - Case sulfuric acid

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