

RQ-2018-08-20-10

Log-in Checklist

Login Station ID: #2

Shipping Method: (FedEx) | UPS | HD | Greyhound |

Date/Time of Receipt: 8-21-18 / 9:25

Cooler ID	Cooler Temperature*	No. Sample Containers in Cooler	Evidence Tape				Tracking # (fill out only if waybill copy is damaged)
			Present?		*Intact?		
			Yes	No	Yes	No	
Red	1.6	15		✓			
Red	0.9	15		✓			
Red	2.7	15		✓			

*If the temperature of a cooler is above 6.0 °C (or above 10.0 °C for W-1-4-DIOX), or if Evidence Seal is damaged, identify the containers in the affected cooler(s) on back of this form.

**Note: If "No" is checked in any of the fields below, fill out the back of this form with additional details (Field ID, Test IDs, etc.) and generate an NCR.

**Chain of Custody/ Field Sheet(s) Included? Yes ☒ No ☐

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included? Yes ☐ No ☐ Date

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:

Check the Box marked "Yes" or "No" for the Presence of Chlorine. If Cl detected, an NCR is required.					
Analysis	Yes	No	Analysis	Yes	No
W-1,4 DIOX			W-PC-AA-SF		
W-E8321-DI, -MS, -21			W-NP-AA-SF		
W-BNA (-625, -R)			W-PDQUAT		
W-CARB-AA (-CAB-AA-R)			W-PCL-SQ-R		
W-U2060-MS			W-TR-TQ		
W-PCB-R			W-CT-CI-R		
W-PAH (-R)			W-PSNP-TQ		

PRESERVATION CHECK (EXCLUDING SAMPLES SENT TO OVERFLOW LABS, "OV-")

**Acid Preserved Samples: pH ≤ 2.0? Yes ☒ No ☐ NA ☐ Init: SR

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

Coolers Unpacked/Checked by: SR Date: 8-21-18

NCRs (Y/N)? ☒

Event ID: NWDIST-2018-08-21-01

NCR #

Log-in Checklist

Samples with Incorrect pH Preservation or presence of Chlorine

Field ID	Bottle Test ID(s)	pH / Cl	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:	REC_02_2018
pH Paper 0.0 – 3.0 Lot #	230515 EXP:10-30-18
pH Paper 0 – 13 Lot #	222516 EXP:08-15-19
Chlorine Test Strips Lot #	7226 EXP:07/2020

ENCORE SAMPLES

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

Were Encore samples received? Yes _____ No ✓

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: Zach Schang

Sampling Agency: FDEP NWFLAP

Location Range Marker East of Texar	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8/20/18 Time 9:40	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 79.4	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)	A
WIN/STORET # 3302H32GS2	Temp (C) 27.15	pH 7.77	Sample Depth .15	Sp. Conductance (umho/cm) 28230	
Latitude 30°25'13" ☐ dd ☒ dms	Longitude 87°10'59.5" ☐ dd ☒ dms	Salinity (ppt) 17.47	Comments		
Location 1/2 Bridge and Moscogee	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8/20/18 Time 9:52	Eastern ☒ Central	Composite end Date Time	Bottle Group(s)
Field ID 2	Matrix (type, e.g., Salt, Fresh, etc) salt	Diss. Oxygen 88.9	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)	A
WIN/STORET # 3302J8GS2	Temp (C) 26.85	pH 7.77	Sample Depth .15	Sp. Conductance (umho/cm) 30570	
Latitude 30°25'42.2" ☐ dd ☒ dms	Longitude 87°11'37" ☐ dd ☒ dms	Salinity (ppt) 18.92	Comments		
Location East of Primary Storm Drain PGS 1	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8/20/18 Time 10:00	Eastern ☒ Central	Composite end Date Time	Bottle Group(s)
Field ID 3	Matrix (type, e.g., Salt, Fresh, etc) salt	Diss. Oxygen 84.8	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)	A
WIN/STORET # 3302J2GS3	Temp (C) 26.65	pH 7.63	Sample Depth .15	Sp. Conductance (umho/cm) 28806	
Latitude 30°24'58" ☐ dd ☒ dms	Longitude 87°11'39.3" ☐ dd ☒ dms	Salinity (ppt) 17.79	Comments		
Location 100 ft South of Stormdrain	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8/20/18 Time 10:08	Eastern ☒ Central	Composite end Date Time	Bottle Group(s)
Field ID 4	Matrix (type, e.g., Salt, Fresh, etc) salt	Diss. Oxygen 91.0	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)	A
WIN/STORET # 3302J2GS4	Temp (C) 26.74	pH 7.67	Sample Depth .15	Sp. Conductance (umho/cm) 29331	
Latitude 30°25'0" ☐ dd ☒ dms	Longitude 87°11'47.8" ☐ dd ☒ dms	Salinity (ppt) 18.13	Comments		

Relinquished By: Z. Schang	Date/Time 8/20/18/4:00pm	Shipping Method FedEx	Number of Coolers Shipped: 3	Received By: SR	Date/Time 8-21-18/9:25
-------------------------------	-----------------------------	--------------------------	---------------------------------	--------------------	---------------------------

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	Overflow UWFLAB
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 SA7341020 12/7/18
Group: B	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
Group: B	Bottle Type: TURBIDITY W-COLOR W-TSS	P-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
Group: B	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN	P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	1 SA7341020 7/1 SA7341020 12/7/18

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:

Zach Schang

Sampling Agency:

FDEP NWFLAP

Location FB 100 ft. S of Stormdrain	☐ Comp ☐ Grab	Collection (comp begin or grab) Date 8/20/18 Time 10:10	Eastern ☒ Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Field ID FB 4	Matrix (type, e.g., Salt, Fresh, etc) FB/DI	Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	B
WIN/STORET # 3302J2654	Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)	
Latitude 30°25'0" ☐ dd ☒ dms	Longitude 87°11'47.8" ☐ dd ☒ dms	Salinity (ppt)	Comments		
Location End of Chase St	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8/20/18 Time 10:25	Eastern ☒ Central	Composite end Date Time	Bottle Group(s)
Field ID 5	Matrix (type, e.g., Salt, Fresh, etc) Salt	Diss. Oxygen 89.0	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)	A
WIN/STORET # 3302J2655	Temp (C) 27.21	pH 7.57	Sample Depth .15	Sp. Conductance (umho/cm) 31737	
Latitude 30°24'55.9" ☐ dd ☒ dms	Longitude 87°11'52.9" ☐ dd ☒ dms	Salinity (ppt) 19.70	Comments		
Location 1/2 Muscogee and Hawkshaw 400ft from Shore	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8/20/18 Time 10:32	Eastern ☒ Central	Composite end Date Time	Bottle Group(s)
Field ID 6	Matrix (type, e.g., Salt, Fresh, etc) Salt	Diss. Oxygen 92.5	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)	A
WIN/STORET # 3302J1656	Temp (C) 27.11	pH 7.66	Sample Depth .15	Sp. Conductance (umho/cm) 31450	
Latitude 30°24'47.4" ☐ dd ☒ dms	Longitude 87°12'0" ☐ dd ☒ dms	Salinity (ppt) 19.52	Comments		
Location 1/2 Bridge and Port	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8/20/18 Time 10:40	Eastern ☒ Central	Composite end Date Time	Bottle Group(s)
Field ID 7	Matrix (type, e.g., Salt, Fresh, etc) Salt	Diss. Oxygen 94.8	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)	A
WIN/STORET # 3302J8657	Temp (C) 27.11	pH 7.72	Sample Depth .15	Sp. Conductance (umho/cm) 31591	
Latitude 30°24'16.5" ☐ dd ☒ dms	Longitude 87°11'52.1" ☐ dd ☒ dms	Salinity (ppt) 19.63	Comments		

Relinquished By: Z. Schang	Date/Time 8/20/18 4:00pm	Shipping Method FedEx	Number of Coolers Shipped: 3	Received By: SR	Date/Time 8-21-18/9:25
-------------------------------	-----------------------------	--------------------------	---------------------------------	--------------------	---------------------------

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	overflow UWF LAB
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 SA7341020 12/7/18
Group: B	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
Group: B	Bottle Type: TURBIDITY W-COLOR W-TSS	P-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
Group: B	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN	P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	1 SA7341020 12/7/18

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: Zach Schang

Sampling Agency: FDEP NWFLAP

Location West of stormdrain, Inside rocks		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8/20/18 Time 10:18		Eastern <u>Central</u>	Composite end Date Time		Bottle Group(s) (See pg 2) A
Field ID 8		Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 81.2	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)		
WIN/STORET # 3302J2GS8		Temp (C) 26.88	pH 7.38	Sample Depth .15	☐ ft ☒ m	Sp. Conductance (umho/cm) 29025		
Latitude 30°24' 59.5"	☐ dd ☐ dms	Longitude 87°11' 52.7"	☐ dd ☐ dms	Salinity (ppt) 17.89	Comments			
Location West end of Hawkshaw 100ft. south of outfall		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8/20/18 Time 11:07		Eastern <u>Central</u>	Composite end Date Time		Bottle Group(s) A
Field ID 9		Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 94.4	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)		
WIN/STORET # 3302J1GS9		Temp (C) 27.46	pH 7.65	Sample Depth .15	☐ ft ☒ m	Sp. Conductance (umho/cm) 30951		
Latitude 30°24' 34"	☐ dd ☐ dms	Longitude 87°12' 12.5"	☐ dd ☐ dms	Salinity (ppt) 19.17	Comments			
Location Between Marina and Outfall		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8/20/18 Time 11:01		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 91.9	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)		
WIN/STORET # 3302J7GS10		Temp (C) 27.37	pH 7.60	Sample Depth .15	☐ ft ☒ m	Sp. Conductance (umho/cm) 30327		
Latitude 30°24' 29.5"	☐ dd ☐ dms	Longitude 87°12' 18.1"	☐ dd ☐ dms	Salinity (ppt) 18.77	Comments			
Location Entrance of Marina		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8/20/18 Time 10:53		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 86.9	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)		
WIN/STORET # 3302J7GS11		Temp (C) 27.69	pH 7.56	Sample Depth .15	☐ ft ☒ m	Sp. Conductance (umho/cm) 29909		
Latitude 30°24' 27.7"	☐ dd ☐ dms	Longitude 87°12' 26.8"	☐ dd ☐ dms	Salinity (ppt) 18.70	Comments			

Relinquished By: Z. Schang	Date/Time 8/20/18 / 4:00	Shipping Method FedEx	Number of Coolers Shipped: 3	Received By: SR	Date/Time 8-21-18 / 9:28
-------------------------------	-----------------------------	--------------------------	---------------------------------	--------------------	-----------------------------

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	Overflow UWF lab
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 SA7341020 12/7/18
Group: B	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
Group: B	Bottle Type: TURBIDITY W-COLOR W-TSS	P-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
Group: B	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN	P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	1 SA7341020 12/7/18

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: Zach Schang

Sampling Agency: FDEP NWFLAP

Location 1/4 between bridge and port, 400ft. from shore		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8/20/18 Time 10:46		Eastern ☒ Central	Composite end Date Time		Bottle Group(s) (See pg 2) A
Field ID 12		Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 92.4	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)		
WIN/STORET # 3302J7GS12		Temp (C) 27.23		pH 7.65	Sample Depth .15	☐ ft ☒ m	Sp. Conductance (umho/cm) 30063	
Latitude 30°24'20.5"	☐ dd ☐ dms	Longitude 87°12'13.2"	☐ dd ☐ dms	Salinity (ppt) 18.56				
Location Inside Hawkshaw Lagoon		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8/20/18 Time 11:20		Eastern ☒ Central	Composite end Date Time		Bottle Group(s) A
Field ID 13		Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 92.4 ^{su} 71.2	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)		
WIN/STORET # 3302J1HL1		Temp (C) 27.44		pH 7.13	Sample Depth .15	☐ ft ☒ m	Sp. Conductance (umho/cm) 25292	
Latitude 30°24'43.6"	☐ dd ☐ dms	Longitude 87°12'8.7"	☐ dd ☐ dms	Salinity (ppt) 15.36				
Location East of stormdrain inside PGS site 2		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8/20/18 Time 11:30		Eastern ☒ Central	Composite end Date Time		Bottle Group(s) A
Field ID 14		Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 96.6	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)		
WIN/STORET # 3302J1GS7		Temp (C) 27.58		pH 7.62	Sample Depth .15	☐ ft ☒ m	Sp. Conductance (umho/cm) 31810	
Latitude 30°24'47.2"	☐ dd ☐ dms	Longitude 87°12'4.3"	☐ dd ☐ dms	Salinity (ppt) 19.76				
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)				

Relinquished By: Z. Schang	Date/Time 8/20/18 14:00	Shipping Method FedEx	Number of Coolers Shipped: 3	Received By: SR	Date/Time 8-21-18/9:25
-------------------------------	----------------------------	--------------------------	---------------------------------	--------------------	---------------------------

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	Overflow UWF lab
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 SA7341020 12/7/18
Group: B	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
Group: B	Bottle Type: TURBIDITY W-COLOR W-TSS	P-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
Group: B	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN	P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	1 SA7341020 12/7/18

SAMPLE TRANSMITTAL FORM
Document Reference # 05.1.0

Project: Project GreenShores FDEP

Laboratory: Wetlands Research Laboratory

Sampler's initials: ZS

Method of transport: _____ on ice by automobile _____

Page 1 of 1

Samples delivered by: Zach Schang of FDEP

Date/Time: 8/20/18 / _____

Sample received by: _____ of WRL

Date/Time: 8/20/18 / _____

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		8/20/2018 9:40
	#2-Pensacola Bay-3302J8GS2	SW	G	Sterile plastic	Enterococci by Enterolert Quant Tray	ice/Na2S2O3		8/20/2018 9:52
	#3-Pensacola Bay-3302J2GS3	SW	G	Sterile plastic	Enterococci by Enterolert Quant Tray	ice/Na2S2O3		8/20/2018 10:00
	#4-Pensacola Bay-3302J2GS4	SW	G	Sterile plastic	Enterococci by Enterolert Quant Tray	ice/Na2S2O3		8/20/2018 10:08
	#5-Pensacola Bay-3302J2GS5	SW	G	Sterile plastic	Enterococci by Enterolert Quant Tray	ice/Na2S2O3		8/20/2018 10:25
	#6-Pensacola Bay-3302J1GS6	SW	G	Sterile plastic	Enterococci by Enterolert Quant Tray	ice/Na2S2O3		8/20/2018 10:32
	#7-Pensacola Bay-3302J8GS7	SW	G	Sterile plastic	Enterococci by Enterolert Quant Tray	ice/Na2S2O3		8/20/2018 10:40
	#8-Pensacola Bay-3302J2GS8	SW	G	Sterile plastic	Enterococci by Enterolert Quant Tray	ice/Na2S2O3		8/20/2018 10:18
	#9-Pensacola Bay-3302J1GS9	SW	G	Sterile plastic	Enterococci by Enterolert Quant Tray	ice/Na2S2O3		8/20/2018 11:07
	#10-Pensacola Bay-3302J7GS10	SW	G	Sterile plastic	Enterococci by Enterolert Quant Tray	ice/Na2S2O3		8/20/2018 11:01
	#11-Pensacola Bay-3302J7GS11	SW	G	Sterile plastic	Enterococci by Enterolert Quant Tray	ice/Na2S2O3		8/20/2018 10:53
	#12-Pensacola Bay-3302J7GS12	SW	G	Sterile plastic	Enterococci by Enterolert Quant Tray	ice/Na2S2O3		8/20/2018 10:46
	#13-Pen Bay/Hawkshaw Lagoon-3302J1HL1	SW	G	Sterile plastic	Enterococci by Enterolert Quant Tray	ice/Na2S2O3		8/20/2018 11:20
	#14-Pensacola Bay-3302J1GS7	SW	G	Sterile plastic	Enterococci by Enterolert Quant Tray	ice/Na2S2O3		8/20/2018 11:30

Comments sample container lot# L18005 "Samples are ambient water and not suspected to contain chlorine."

RQ-2018-08-20-10

Contact organization FDEP

Contact name Zach Schang

Phone: (850) 595-0599

Address 160 Governmental Center, suite 308, Pensacola, FL 32502

Sampler's name: Zach Schang

¹Matrix: 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: 10-JUL-2018
 Created By: BUNCH_CA On: 10-JUL-2018
 Modified By: SWANSON_C On: 01-AUG-2018
 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: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 31-JUL-2018
 Biology Request Reviewed By: SWANSON_C On: 01-AUG-2018
 Sampling Kit Required: YES Ship on: 10-AUG-2018
 Sampling Kit Shipped: YES On: 09-AUG-2018
 Sampling Kit Packed By: REYNOLDS_T
 Preservatives Needed: YES
 Date to Receive Samples: 20-AUG-2018
 Received By: REAVES_S On: 21-AUG-2018

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 sulfuric acid labels

Add return shipping labels for both FedEx and UPS

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 Quanti-Tray method by UWF Laboratory 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) True Color measured at 450 nm
Color (true)		
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: 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

Bottle Group B (Water) With 1 Samples:

Bottle Type: BP-1L	Number of Bottles: 1	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type: P-1L	Number of Bottles: 1	Preserved With: ICE
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
W-COLOR	Template: DEFAULT	(SM 2120 B) True Color measured at 450 nm
Color (true)		
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

Bottle Group B (Water) With 1 Samples:

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

Do Not Lift Using This Tag

ORIGIN ID: TLHA (850) 695-8300
CHERYL BUNCH
FL DEP NORTHWEST DISTRICT
160 W GOVERNMENT CENTER
STE 308
PENSACOLA, FL 325025740
UNITED STATES US

SHIP DATE: 09AUG18
ACTWGT: 10.00 LB MAN
CAD: 0446970/CAFE3210

1083

TO **JOHN WATTS**
FLORIDA DEP/CHEMISTRY SECTION
2600 BLAIRSTONE RD

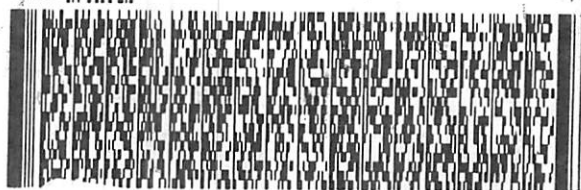
TALLAHASSEE FL 32399

(850) 246-8077
JNU:
PO:

REF:

DEPT:

RMA: ||| ||| |||



FedEx
Express



J18111804200100

FedEx
TRK#

0221 4385 5032 2966

XH TLHA

TUE - 21 AUG 10:30A
PRIORITY OVERNIGHT

32399
FL-US
TLH



FID 329138 20AUG18 PNSA 546C1/3309/0C8A

Part #:

FedEx

Do Not Use This Tag

ORIGIN TLHA (850) 695-8300
JERRY L. BUNCH
NORTHWEST DISTRICT
150 W. GOVERNMENT CENTER
STE 308
PENSACOLA, FL 325025740
UNITED STATES US

SHIP DATE: 09AUG18
ACTWGT: 10.00 LB MAN
CAD: 0446970/CAFE3210

2013

TO **JOHN WATTS**
FLORIDA DEP/CHEMISTRY SECTION
2600 BLAIRSTONE RD

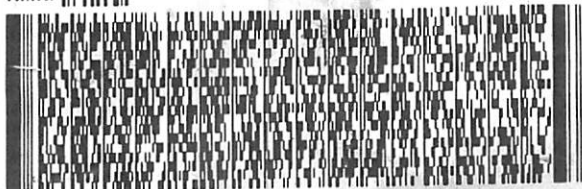
TALLAHASSEE FL 32399

(850) 246-8077

REF:

DEPT:

RMA: ||| ||| |||



FedEx
Express



TRK#
022

FedEx

TRK#
0221

4385 5032 2977

DELIVERY MON - FRI
TUE - 21 AUG 10:30A
PRIORITY OVERNIGHT

XH TLHA

32399

FL-US

TLH



Part # 156148-434 RIT EXP 03/19

FTD - 329138 20ADG18 PNSA 546C1/3309/0C8A

RT 856

FZ

10.08.21

FedEx

Do Not Lift Using This Tag

ORIGIN ID: TLHA (850) 695-8300
CHERYL BUNCH
FL DEP NORTHWEST DISTRICT
160 W GOVERNMENT CENTER
STE 308
PENSACOLA, FL 325025740
UNITED STATES US

SHIP DATE: 09AUG18
ACTWGT: 10.00 LB MAN
CAD: 0446970/CAFE3210

3 of 3

TO **JOHN WATTS**
FLORIDA DEP/CHEMISTRY SECTION
2600 BLAIRSTONE RD

3POT/50EE/13155

TALLAHASSEE FL 32399

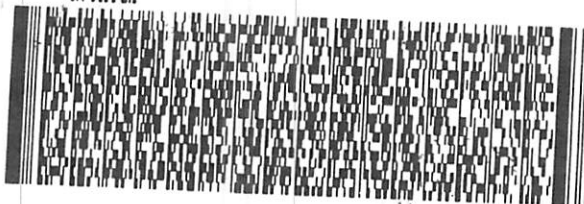
(850) 246-8077

INU:
PO:

REF:

DEPT:

RMA: ||| ||| |||



FedEx
Express



TRK# 4385 5032 2988
FedEx
TRK#
0221

RETURNS MON - FRI
TUE - 21 AUG 10:30A
PRIORITY OVERNIGHT

XH TLHA

32399
FL-US
TLH



FID 329138 20AUG18 PNSA 54

RT **856**

FZ

1
10:30
B
2988
08.21

Cooler Packing Worksheet for Request: RQ-2018-08-20-10

Project Greenshores

Ship Cooler On: 8/10/2018

Customer/Project: NW-DIST/DISTRICT

Assigned To: REYNOLDS_T

Requester: Cheryl Bunch

Priority: 3

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

Please return
packing list with
sample submittal
forms.

Comments:

- 1 - case of sulfuric acid
- 2 - sets of sulfuric acid labels

Add return shipping labels for both FedEx and UPS

Requested Analyses:

Bottle Group: A

of Sites: 14

Container ID: BP-1L

Qty: 14 Preservation: ICE

Lot # 1229712

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Container ID: TEST HAS NO BOTTLE Qty: 14 Preservation: ICE

Lot # NONE

Description: Do not ship container for this test.

Analysis

NW-UWF-ENQ

Description

Enterococci by Enterolert Quanti-Tray method by UWF Laboratory in Pensacola

Container ID: P-1L

Qty: 14 Preservation: ICE

Lot # 00071878

Description: Plastic Bottle 1L

Analysis

TURBIDITY

W-COLOR

W-TSS

Description

Turbidity in aqueous matrices

True Color measured at 450 nm

Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample

Container ID: P-500ML

Qty: 14 Preservation: ICE And H2SO4

Lot # 00071864

Description: Plastic Bottle 500 mL

Affix YELLOW sulfuric acid dot to container.

Analysis

W-NH3

W-NO2NO3

W-S-A-TP

W-TKN

Description

Ammonia in aqueous matrices as mg N/L

Nitrite/Nitrate in aqueous matrices as mg N/L

Total Phosphorus in aqueous matrices as mg P/L

Total Kjeldahl Nitrogen in aqueous matrices

Bottle Group: B

of Sites: 1

Container ID: BP-1L

Qty: 1 Preservation: ICE

Lot # 1229712

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Container ID: P-1L

Qty: 1 Preservation: ICE

Lot # 00071233

Description: Plastic Bottle 1L

Analysis

TURBIDITY

W-COLOR

W-TSS

Description

Turbidity in aqueous matrices

True Color measured at 450 nm

Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample

Container ID: P-500ML

Qty: 1 Preservation: ICE And H2SO4

Lot # 00071864

Description: Plastic Bottle 500 mL

Affix YELLOW sulfuric acid dot to container.

Analysis

W-NH3

W-NO2NO3

W-S-A-TP

W-TKN

Description

Ammonia in aqueous matrices as mg N/L

Nitrite/Nitrate in aqueous matrices as mg N/L

Total Phosphorus in aqueous matrices as mg P/L

Total Kjeldahl Nitrogen in aqueous matrices

Cooler Packed By: Tyler R. Number of Coolers: 3 Date: 08/08/18

Kit must also include:

- ☒ Field Sheets
- ☒ Temperature Control Bottle
- ☒ FedEx Bills, if applicable
- ☒ Plastic Bags/Zip Ties
- ☒ Acid Labels (sets of 24)

If Preservation Included:

ID <u>sulfuric acid</u>	Exp <u>04/11/19</u>	Lot # <u>8101020</u>
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____

PLEASE RETURN ALL COOLERS FOR RQ-2018-08-20-10