

Log-in Checklist

RQ- 2018-05-07-42

Login Station ID: #4

Shipping Method: FedEx | UPS | HD | Greyhound | _____

Date/Time of Receipt: 5/11/18 10:10

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	
KED	5.0°C	12		✓			
KED	5.6°C	12		✓			

*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 (Blue dot on container)

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: 9/2

**W-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes _____ No ✓ NA _____ Init: 9/2

Coolers Unpacked/Checked by: 9/2 Date: 5/11/18 NCRs (Y/N)? _____

Event ID: UW-DIST-2018-05-11-01 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_04_2018
pH Paper 0.0 – 3.0 Lot #	230515 EXP:10/30/2018
pH Paper 0 – 13 Lot #	222516 EXP:08/15/2019
Chlorine Test Strips Lot #	033117L EXP:03/2021

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: _____

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Customer: NW-DIST

Project ID: SMP

Requester: Michael King

Collected By: S. Pitts, F. Butera

Field Report Prepared By:

Sampling Agency: F. Butera

DEP-NW ROC

Location		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 5/10/18 Time 11:50		Eastern Central		Composite end Date Time		Bottle Group(s) (See pg 2)	
Field ID		Field/WIN ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)	
WIN/STORET		Location: Long Creek upstream of Long Road		Temp (C) 20.43		pH 6.49		Sample Depth 0.2		Sp. Conductance (umho/cm) 22	
Latitude		☐ dms		Salinity (ppt) 0.02		Comments		Salinity 0.02 PPT		A	
Location		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 5/10/2018 Time 12:40		Eastern Central		Composite end Date Time		Bottle Group(s)	
Field ID		Field/WIN ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)	
WIN/STORET		Location: Pond Creek in McCloud Bay upstream of Hwy 393		Temp (C) 21.86		pH 6.44		Sample Depth 0.2		Sp. Conductance (umho/cm) 32	
Latitude		☐ dms		Salinity (ppt) 0.01		Comments		Salinity 0.01 PPT		A	
Location		☐ Comp ☐ Grab		Collection (comp begin or grab) Date Time		Eastern Central		Composite end Date Time		Bottle Group(s)	
Field ID		Field/WIN ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)	
WIN/STORET #		Location		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		Field/WIN ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)	
WIN/STORET #		Location		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)	
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Salinity (ppt)		Comments	

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
S. Butera	05/10/2018	Fed Ex	2	J. Q.	5/11/18 1040

Group: A	Bottle Type: ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS	P-1L	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab
Group: A	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab
Group: A	Bottle Type: NW-JWVF-ECQ	TEST HAS NO BOTTLE	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab
Group: A	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 6	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab
Group: A	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 6	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab

Florida Department of Environmental Protection Central Laboratory Submittal Form

Customer: NW-DIST

Project ID: SMP

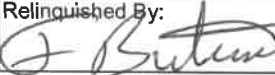
Requester: Michael King

Field Report Prepared By: F. BUTERA

Collected By: Jimmy Pitts, Frank Butera

Sampling Agency: DEP-NWROC

Location	Field/WIN ID		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 05/10/18 Time 14:00	Eastern Central	Composite end Date	Time	Bottle Group(s) (See pg 2)
Field ID		G4NW0409		Matrix (type, e.g., Salt, Fresh, etc) FRESH	Diss. Oxygen 8.91	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
WIN/STOR	Location: Turkey Creek above Williams Rd		Temp (C) 18.92	pH 5.75	Sample Depth 0.2	☐ ft ☒ m	Sp. Conductance (umho/cm) 31	
Latitude			Salinity (ppt) 0.01	Comments				
☐ dms ☐ dms								
Location	Field/WIN ID		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 05/10/2018 Time 18:35	Eastern Central	Composite end Date	Time	Bottle Group(s)
Field ID		G4NW0208		Matrix (type, e.g., Salt, Fresh, etc) FRESH	Diss. Oxygen 6.24	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
WIN/STORET	Location: East Branch Pine Log Creek above Bear Bay Flats Road		Temp (C) 20.45	pH 6.18	Sample Depth 0.2	☐ ft ☒ m	Sp. Conductance (umho/cm) 46	
Latitude			Salinity (ppt) 0.02	Comments				
☐ dms ☐ dms								
Location	Field/WIN ID		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 05/10/2018 Time 11:00	Eastern Central	Composite end Date	Time	Bottle Group(s)
Field ID		G4NW0315		Matrix (type, e.g., Salt, Fresh, etc) FRESH	Diss. Oxygen 8.88	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
WIN/STORE	Location: Pine Log Creek upstream of Long Road		Temp (C) 19.08	pH 6.66	Sample Depth 0.2	☐ ft ☒ m	Sp. Conductance (umho/cm) 33	
Latitude			Salinity (ppt) 0.01	Comments				
☐ dms ☐ dms								
Location	Field/WIN ID		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 5/10/18 Time 11:30	Eastern Central	Composite end Date	Time	Bottle Group(s)
Field ID		G4NW0330		Matrix (type, e.g., Salt, Fresh, etc) Fresh water	Diss. Oxygen 8.73	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
WIN/STORE	Location: Beech Tree Creek above un-named road		Temp (C) 20.95	pH 5.63	Sample Depth 0.1	☐ ft ☒ m	Sp. Conductance (umho/cm) 13	
Latitude			Salinity (ppt) 0.01	Comments				
☐ dms ☐ dms								

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
	05/10/2018	Fed Ex	2		5/11/18 10:10

Group: A	Bottle Type:	P-1L	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab	6
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab	6
	CHLSUITE-W						
Group: A	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab	6
	NW-UWFE-Q						
Group: A	Bottle Type:	P-500ML	# of Bottles: 6	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	6
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 6	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	6
	W-PO4-F						

SAMPLE TRANSMITTAL FORM
Document Reference # 05.1.0

Project: FDEP

Laboratory: Wetlands Research Laboratory

Sampler's initials: JP

Method of transport: Drop off on ice by automobile

Page 1 of 1

Samples delivered by: Jane P. [Signature] of FDEP

Date/Time: 05/10/18 11420

Sample received by: [Signature] of WRL

Date/Time: 05/10/18 11420

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
18-43791	G4NW0208. E. Br. Pine log. Fresh	SW	G	Sterile plastic	Escherichia Coli	ice/Na2S2O3	2.4	5/10/18/10:00
	G4NW0409. F2							10:35
18-43792	G4NW0409. Turkey Ck. Fresh water	SW	G	Sterile plastic	Escherichia coli	ice/Na2S2O3	2.5	5/10/2018
18-43793	G4NW0349. Pond Ck. Freshwater	SW	G	Sterile Plastic	Escherichia coli	ice/Na2S2O3	2.1	5/10/2018
18-43794	G4NW0315. Pine log Ck Freshwater	SW	G	Sterile Plastic	Escheri Coli	ice/Na2S2O3	2.1	5/10/18/11:00
18-43795	G4NW0330. Beech Tree. Freshwater	SW	G	Sterile Plastic	Escherichia coli	ice/Na2S2O3	1.7	5/10/18/11:30
18-43796	G4NW0308 Long Plk. Fresh water	SW	G	Sterile Plastic	Escherichia coli	ice/Na2S2O3	1.7	5/10/18/11:50

Comments sample container lot# 18005

RQ-2018-05-07-42

Contact organization FDEP

Contact name Nathan Mulkey

Phone: (850) 595-8300

Address 160 W Governmental Street, suite 208, Pensacola, FL 32502

Sampler's name: Nathan Mulkey

¹Matrix: SW = surface water, PW = pore water, GW = ground water, S = soil/sediment, X =

²Type codes: G = grab, C = composite, X =

³ Recorded using IRT-2

Date of Request: 11-APR-2018
 Created By: KING_M On: 11-APR-2018
 Modified By: SWANSON_C On: 19-APR-2018
 Customer: NW-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Northwest District
 Sampling Event: Laurel Hill West

Send Coolers To:

Phone: SC-695-0605
 160 W Government St
 Suite 208A
 Pensacola, FL 32502-5794
 Attn: Michael King

Program Module Number: 1306
 Priority: 3
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 19-APR-2018
 Biology Request Reviewed By: SWANSON_C On: 19-APR-2018
 Sampling Kit Required: YES Ship on: 27-APR-2018
 Sampling Kit Shipped: YES On: 23-APR-2018
 Sampling Kit Packed By: REYNOLDS_T
 Preservatives Needed: NO
 Date to Receive Samples: 10-MAY-2018
 Received By:

Send Final Report To:

160 W Government St
 Suite 208A
 Pensacola, FL 32502-5794
 Attn: Michael King

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

Comments: Group A: (WBID 101, 196, 35A, 76, 92, 117) Freshwater Kit, Contract Lab Bacteria

Bottle Group A (Water) With 6 Samples:

Bottle Type: P-1L	Number of Bottles: 6	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO ₃ /L
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
W-CL-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Chloride in aqueous matrices
W-COLOR	Template: DEFAULT	(SM 2120 B) True Color measured at 450 nm
Color (true)		
W-F	Template: DEFAULT	(SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-SO ₄ -IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices
W-TDS	Template: DEFAULT	(SM 2540 C-97) Total Dissolved Solids in aqueous matrices
W-TSS	Template: DEFAULT	(SM 2540 D-97) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample
Bottle Type: BP-1L	Number of Bottles: 6	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: 6	Preserved With: ICE
NW-UWF-ECQ	Template: DEFAULT	(SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method by UWF Overflow Laboratory for NWD
Bottle Type: P-500ML	Number of Bottles: 6	Preserved With: ICE And H ₂ SO ₄
W-NH ₃	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
W-NO ₂ NO ₃	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
W-TOC	Template: DEFAULT	(SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices
Bottle Type: P-125ML	Number of Bottles: 6	Preserved With: FILTER-ICE
W-PO ₄ -F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Do Not Lift Using This Tag

Ref:

Date: 23APR18
Mgt: 10.00 LBS

DV:

SHIPPING:
SPECIAL:
HANDLING:
TOTAL:

0.00
0.00
0.00
0.00

Service: PRIORITY OVERNIGHT
Master: 4385 5028 7066
TRK: 4385 5028 7066

ORIGIN ID: TLHA (450) 595-0673
MICHAEL KING
160 GOVERNMENT CENTER SUITE 208 A
PENSACOLA, FL 325025794
UNITED STATES US

SHIP DATE: 23APR18
ACTWT: 10.00 LB
CND: 0446970/CAFE3111

TO JOHN WATTS

FLORIDA DEP/CHEMISTRY SECTION
2600 BLAIRSTONE RD

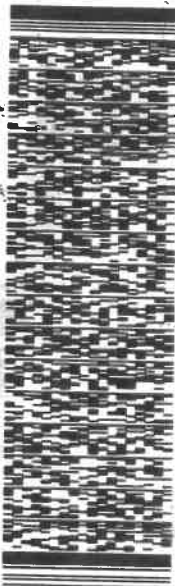
TALLAHASSEE FL 32399

(950) 246-8077

REF:

RMA: III III III

REP:



RETURNING MAIL: FBI

FRI - 11 MAY 10:30A

PRIORITY OVERNIGHT

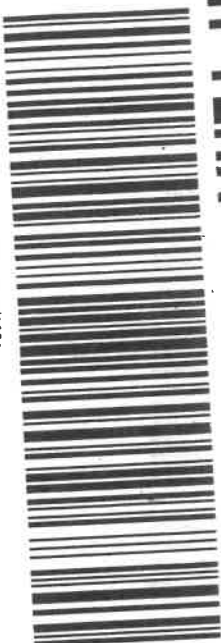
32399

FL-US

TLH

FedEx
TRK# 4385 5028 7066
0221

XH TLHA



FTD 514514 10MAY18 PMSA 546C2/7828/0C8A

DATE: 10-00 LBS
Wgt: 10.00 LBS

Date: 23Apr12
Wgt: 10.00 LBS
DV:

SPECIAL:
HANDLING:
TOTAL: 0.00

०००
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Sys: PRIORITY OVERNIGHT Master: 4385 5028 7066
TRCK: 4385 5028 7077

TRCK: 4386 6028 7077

ORIGIN ID:TLHA (850) 595-0673
MICHAEL KING

SHIP DATE: 23APR18
ACTWGT: 10.00 LB MAN
CAD: 0446970/CAFE3111

160 GOVERNMENT CENTER SUITE 208 A
PENSACOLA, FL 325025794
UNITED STATES US

TO JOHN WATTS
FLORIDA DE/CEMISTRY SECTION
2600 BLAIRSTONE RD

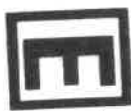
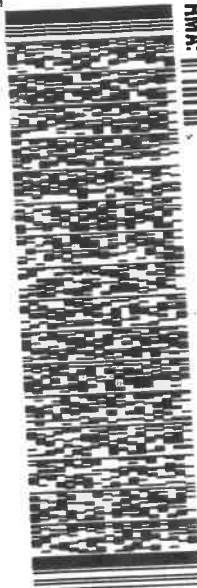
TALLAHASSEE FL 32399

(850) 246-8077

REF

DEPT:

PMMA: 

**FedEx**
Express

TRAK# 4385 5028 7077
0221

RETURNS MON-FRI
PRIORITY OVERNIGHT

FRI - 11 MAY 10:30A
CITY OVERNIGHT 19

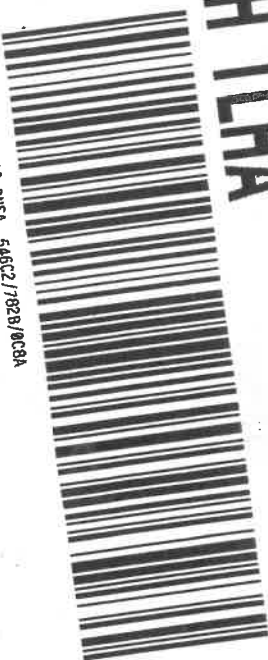
0221 TRK# 4385 5028 7077

PRIORITY OVER

32399

FL-105
TLH

ХТЛ



FD 514514 10MAY18 PNSA 546C2/782B/0C8A