Log-in Checklist

RQ- 2018-08-13-34 Login Station ID: #5

Shipping Method: FedEx | UPS | HD | Greyhound |_____ Date/Time of Receipt: 08/22/18 @ 9:50a

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	1.9°C	7		X			4385 5032 0779

*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 08/22/18

CONTAINER CHECK

**Evidence Tape on Bottles? Yes_____ No X 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: TM

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		X	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-Cl-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: TM

**W-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes____ No____ NA X Init: TM

Coolers Unpacked/Checked by: Tyler R Date: 08/22/18 NCRs (Y/N)? N

Event ID SPRING LAKE LVI NW-DIST-2018-08-22-03 (SMP) Date Received: 22-AUG-2018 09 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

Infrared Thermometer ID:		REC_05_2018
pH Paper 0.0 – 3.0	**Lot #**	230515 EXP:10/30/2018
pH Paper 0 – 13	**Lot #**	222516 EXP:09/15/2019
Chlorine Test Strips	**Lot #**	091417V EXP:09/2021

Additional Comments:

ENCORE SAMPLES

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

Were Encore samples received? Yes_____ No X

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: _____

Request Number: RQ-2018-08-13-34

SPRING LAKE LVI

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NW-DIST

Project ID: SMP

Requester: Michael King

Collected By: Frank Butera, Stephen Slade

Field Report Prepared By: F. Butera

Sampling Agency: FL DEP- NWROC

Location	Field/WIN ID G3NW0164 Location: SPRING LAKE CENTER	☐ Comp ☑ Grab	Collection (comp begin or grab) Date 08/21/2018 Time 13:00 Eastern (Central circled)	Composite end Date Time	Bottle Group(s) (See pg 2): A
Field ID		Matrix (type, e.g., Salt, Fresh, etc): FRESH	Diss. Oxygen: 8.03 ☑ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
WIN/STORET		Temp (C): 29.94	pH: 6.75	Sample Depth: 0.3 ☐ ft ☑ m	Sp. Conductance (umho/cm): 17
Latitude ☐ dms	☐ dd ☐ dms	Salinity (ppt): 0.01	Comments: E. coli to contract lab		

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		

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:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
				Tyler K.	08/22/18 @ 9:50

Group: A	Bottle Type: P-1L	# of Bottles: 1	Preservative: ICE	**Enter Number of Bottles Sent to Lab**	1
	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS				
Group: A	Bottle Type: BP-1L	# of Bottles: 1	Preservative: ICE	**Enter Number of Bottles Sent to Lab**	1
	CHLSUITE-W				
Group: A	Bottle Type: TEST HAS NO BOTTLE	# of Bottles: 1	Preservative: ICE	**Enter Number of Bottles Sent to Lab**	1
	NW-UWF-ECQ				
Group: A	Bottle Type: QPCR-P-500ML	# of Bottles: 1	Preservative: ICE	**Enter Number of Bottles Sent to Lab**	1
	PCR-FILTER				
Group: A	Bottle Type: BG-500ML	# of Bottles: 1	Preservative: ICE	**Enter Number of Bottles Sent to Lab**	1
	W-E8321-DI W-E8321-MS				
Group: A	Bottle Type: P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	**Enter Number of Bottles Sent to Lab**	1
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	Lot Exp.	SA-734102Φ 12/07/2018		
Group: A	Bottle Type: P-125ML	# of Bottles: 1	Preservative: FILTER-ICE	**Enter Number of Bottles Sent to Lab**	1
	W-PO4-F				

SAMPLE TRANSMITTAL FORM

Document Reference # 05.1.0

Project: FDEP

Method of transport: Drop off on ice by automobile

Samples delivered by: FB of FDEP

Sample received by: of WRL

Laboratory: Wetlands Research Laboratory

Page _1_ of _1_

Date/Time: 8/24/18 / 1516

Date/Time: 08/24/18 / 1516

Sampler's intials : FB

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
18-4282	G3NW0164. Spring Lake. Freshwater	SW	G	Sterile plastic	E. coli	ice/Na2S2O3	4.2	8-21-18/1330

Field/WIN ID

G3NW0164

Location:

SPRING LAKE CENTER

Comments sample container lot# #18005 Exp. 01/31/2021 Project SMP Lakes

RQ-2018-08-13-34

Contact organization FDEP

Contact name Mike King

Phone: (850) 595-8300

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

Sampler's name: Frank Butera

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

[2]Type codes: G = grab, C = composite, X = _____

[3] Recorded using IRT-2

Cooler Packing Worksheet for Request: RQ-2018-08-13-34
SPRING LAKE LVI
Ship Cooler On: 8/3/2018
Customer/Project: NW-DIST/SMP

Assigned To: RODRIGUE_G
Requester: Michael King
Priority: 3

SC-695-0605
160 W Government St
Suite 208A
Pensacola, FL 32502-5794

Attn: Michael King

Please return packing list with sample submittal forms.

Comments:
No preservatives needed.

Group A: Freshwater Kit with contract lab bacteria

Add return shipping labels for both FedEx and UPS

Requested Analyses:

Bottle Group: A **# of Sites: 1**

Container ID: P-1L **Qty: 1** **Preservation: ICE** **Lot #** 00071233

Description: Plastic Bottle 1L

Analysis	Description
ALKALINITY	Alkalinity in aqueous matrices as mg CaCO3/L
TURBIDITY	Turbidity in aqueous matrices
W-CL-IC	Chloride in aqueous matrices
W-COLOR	True Color measured at 450 nm
W-F	Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-SO4-IC	Sulfate in aqueous matrices
W-TDS	Total Dissolved Solids in aqueous matrices
W-TSS	Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample

Container ID: BP-1L **Qty: 1** **Preservation: ICE** **Lot #** 1227219

Description: Brown Plastic Bottle 1L

Analysis	Description
CHLSUITE-W	Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Container ID: TEST HAS NO BOTTLE **Qty: 1** **Preservation: ICE** **Lot #** NA

Description: Do not ship container for this test.

Analysis	Description
NW-UWF-ECQ	Escherichia coli by Colilert 18 Quanti-Tray method by UWF Laboratory in Pensacola

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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	Description
W-NH3	Ammonia in aqueous matrices as mg N/L
W-NO2NO3	Nitrite/Nitrate in aqueous matrices as mg N/L
W-S-A-TP	Total Phosphorus in aqueous matrices as mg P/L
W-TKN	Total Kjeldahl Nitrogen in aqueous matrices
W-TOC	Nonpurgeable Organic Carbon in aqueous matrices

Container ID: P-125ML **Qty: 1** **Preservation: FILTER-ICE** **Lot #** 00071266

Description: Plastic Bottle 125 mL

Analysis	Description
W-PO4-F	Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Cooler Packed By: GR Number of Coolers: 1 Date: 8/3/18

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 _____ Exp _____ Lot # _____
ID _____ Exp _____ Lot # _____
ID _____ Exp _____ Lot # _____
ID _____ Exp _____ Lot # _____
ID _____ Exp _____ Lot # _____

PLEASE RETURN ALL COOLERS FOR RQ-2018-08-13-34

RQ-2018-08-13-34

Date of Request: 23-JUL-2018
Created By: KING_M On: 23-JUL-2018
Modified By: AYRES_J On: 09-AUG-2018
Customer: NW-DIST
Project: SMP
Division: Division of Environmental Assessment and Restoration
District: Northwest District
Sampling Event: SPRING LAKE LVI

Send Coolers To:

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

Send Final Report To:

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

Program Module Number: 1306
Priority: 3
Event Status: A
Criminal Investigation: NO
Chemistry Request Reviewed By: AYRES_J On: 09-AUG-2018
Biology Request Reviewed By: AYRES_J On: 09-AUG-2018
Sampling Kit Required: NO Ship on:
Sampling Kit Shipped: YES On: 03-AUG-2018
Sampling Kit Packed By: RODRIGUE_G
Preservatives Needed: NO
Date to Receive Samples: 15-AUG-2018
Received By:

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

Comments: Group A: Freshwater Kit, Tracers, Markers, with contract lab bacteria

Add return shipping labels for both FedEx and UPS

Bottle Group A (Water) With 1 Samples:

Bottle Type: P-1L		Number of Bottles: 1	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO3/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 Color (true)	Template: DEFAULT	(SM 2120 B) True Color measured at 450 nm	
W-F	Template: DEFAULT	(SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)	
W-SO4-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: 1	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: 1	Preserved With: ICE
NW-UWF-ECQ	Template: DEFAULT	(SM 9223 B Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method by UWF Laboratory in Pensacola	
Bottle Type: QPCR-P-500ML		Number of Bottles: 1	Preserved With: ICE
PCR-FILTER	Template: DEFAULT	(SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis	
Bottle Type: BG-500ML		Number of Bottles: 1	Preserved With: ICE
W-E8321-DI	Template:	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS	
W-E8321-MS	Template: DEFAULT	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS	
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	

Bottle Group A (Water) With 1 Samples:

Bottle Type: P-500ML		Number of Bottles: 1	Preserved With: ICE And H2SO4
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: 1	Preserved With: FILTER-ICE
W-PO4-F	Template: DEFAULT	(EPA 365.1 Rev. 2.0)	Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

* - The laboratory is not NELAP certified for this analyte/method, or certification is not applicable.