

SW Lake Run WBID 179A 145 Blank/DUP

Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: NW-DIST

Requester: Michael King

Field Report Prepared By: MIKE KING

Project ID: SMP

Collected By: MIKE KING / Nathan Mulvey

Sampling Agency: FDP

Location	Location: BEAR CREEK @ FOREST RD RQ-2017-07-10-83 (WBID 179) Date: Time: CT	G4NW0380 Field ID STORET	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7/10 Time 0930	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Field ID			Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 4.9	☒ mg/L ☒ % sat	Total Res. Chlorine (mg/L)	
STORE			Temp (C) 26.4	pH 5.9	Sample Depth 0.3	Sp. Conductance (umho/cm) 25	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 0.0	Comments		
Location	Location: Bear Lake at Center RQ-2017-07-10-83 (WBID 179A) Date: Time: CT	G4NW0361 Field ID STORET	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7/10 Time 1000	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID			Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 7.3	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)	
STORE			Temp (C) 30.6	pH 6.2	Sample Depth 0.3	Sp. Conductance (umho/cm) 19	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 0.0	Comments		
Location	Location: Hurricane Creek Below Hurricane Lake RQ-2017-07-10-83 (WBID 83) Date: Time: CT	G4NW0160 Field ID STORET	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7/10 Time 1045	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID			Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 6.7	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)	
STORE			Temp (C) 27.5	pH 5.7	Sample Depth 0.3	Sp. Conductance (umho/cm) 20	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 0.0	Comments		
Location	Location: G4NW0160DUPLICATE Hurricane Creek Below Hurricane Lake RQ-2017-07-10-83 (WBID 83) Date: Time: CT	G4NW0160 Field ID STORET	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7/10 Time 1050	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)	
STORE			Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments		

Relinquished By:	Date/Time 7/10/17	Shipping Method Fedex	Number of Coolers Shipped:	Received By: J.2.	Date/Time 7/11/17 10:05
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Group: A	Bottle Type:	P-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 4	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	4
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 4	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab	4
	W-PO4-F						

Central Laboratory Submittal Form

Customer: NW-DIST

Requester: Michael King

Field Report Prepared By: Mike King

Project ID: SMP

Collected By: Mike King / Nathan Murky

Sampling Agency: FDER NW ROL

Location	Location: FIELD BLANK		☐ Comp	Collection (comp begin or grab)		Eastern	Composite end		Bottle Group(s) (See pg 2)
Field ID	RQ-2017-07-10-83		☐ Grab	Date 7/10/17	Time 1055	Central	Date	Time	
STORET	Date: CT		Matrix (type, e.g., Salt, Fresh, etc)			Diss. Oxygen	☒ mg/L	Total Res. Chlorine (mg/L)	
Latitude	☐ dd	Longitude	☐ dd	Salinity (ppt)	pH	Sample Depth	☐ ft	Sp. Conductance (umho/cm)	
	☐ dms		☐ dms	Comments					
Location	Location: Lake Karick at Center		☐ Comp	Collection (comp begin or grab)		Eastern	Composite end		Bottle Group(s)
Field ID	RQ-2017-07-10-83 (WBID 145)		☒ Grab	Date 7/10/17	Time 12:40	Central	Date	Time	
STORET	Date: CT		Matrix (type, e.g., Salt, Fresh, etc)			Diss. Oxygen	☒ mg/L	Total Res. Chlorine (mg/L)	
Latitude	☐ dd	Longitude	☐ dd	Salinity (ppt)	pH	Sample Depth	☐ ft	Sp. Conductance (umho/cm)	
	☐ dms		☐ dms	Comments					
Location			☐ Comp	Collection (comp begin or grab)		Eastern	Composite end		Bottle Group(s)
Field ID			☐ Grab	Date	Time	Central	Date	Time	
STORET #			Matrix (type, e.g., Salt, Fresh, etc)			Diss. Oxygen	☐ mg/L	Total Res. Chlorine (mg/L)	
Latitude	☐ dd	Longitude	☐ dd	Salinity (ppt)	pH	Sample Depth	☐ ft	Sp. Conductance (umho/cm)	
	☐ dms		☐ dms	Comments					
Location			☐ Comp	Collection (comp begin or grab)		Eastern	Composite end		Bottle Group(s)
Field ID			☐ Grab	Date	Time	Central	Date	Time	
STORET #			Matrix (type, e.g., Salt, Fresh, etc)			Diss. Oxygen	☐ mg/L	Total Res. Chlorine (mg/L)	
Latitude	☐ dd	Longitude	☐ dd	Salinity (ppt)	pH	Sample Depth	☐ ft	Sp. Conductance (umho/cm)	
	☐ dms		☐ dms	Comments					

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
	7/10/17	FEDEX	2	G.2.	7/11/17 10:25

* Sample collection time received via email from sampler.

Group: A	Bottle Type:	P-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 4	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	2
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 4	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab	2
	W-PO4-F						

Date of Request: 26-JUN-2017
 Created By: KING_M On: 26-JUN-2017
 Modified By: WATTS_J On: 29-JUN-2017
 Customer: NW-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Northwest ROC
 Sampling Event: SW Lake Run WBID 179A 145 Blank/DUP

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: A
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 26-JUN-2017
 Biology Request Reviewed By: WATTS_J On: 29-JUN-2017
 Sampling Kit Required: NO Ship on:
 Sampling Kit Shipped:
 Sampling Kit Packed By:
 Preservatives Needed: NO
 Date to Receive Samples: 10-JUL-2017
 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:

Bottle Group A (Water) With 4 Samples:

Bottle Type: P-1L	Number of Bottles: 4	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	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-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
Bottle Type: BP-1L	Number of Bottles: 4	Preserved With: ICE
CHLSUITE-W	Template:	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type: P-500ML	Number of Bottles: 4	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
W-TOC	Template: DEFAULT	(SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices
Bottle Type: P-125ML	Number of Bottles: 4	Preserved With: ICE-FLTR
W-PO4-F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Log-in Checklist

RQ- 2017-07-10-35

Shipping Method: FedEx

Date/Time of Receipt: 7/11/17 10:05

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	1.7°C	12		✓			
RED	2.1°C	12		✓			8/04 1261 9397

*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 ☐

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-AHERB-AA (-AHB-AA-R)			W-PCL-SQ (-R)		
W-BNA (-625, -R)			W-PDQUAT		
W-CARB-AA (-CAB-AA-R)			W-PESTNP-R		
W-ENDO-AA			W-PSCL-TQ		
W-GLYPH			W-PSNP-TQ		
W-NP-AA-SF			W-PST-CL-R		
W-PAH (-R)			W-TR-TQ		
W-PCB-R			W-CT-CI-R		

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

**Acid Preserved Samples: pH ≤ 2.0? Yes ☒ No ☐ NA ☐ Init: J.D.

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

Coolers Unpacked/Checked by: J.D. Date: 7/11/17 NCRs (Y/N)? ☐

Event ID: UW-PLST-2017-07-11-03 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

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 _____ No _____

If 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: _____

Additional Comments:

010

FedEx
ExpressPackage
US AirbillFedEx
Tracking
Number

8104 1261 9403

1 From

Date

7/10/17

Sender's
Name

MIKE KING

Phone

850 595 0605

Company

FEDERATION NW DOE

Address

1100 W Government St

Dept./Floor/Suite/Room

City

Pensacola

State

FL

ZIP

32502

2 Your Internal Billing Reference

3 To

Recipient's
Name

SAMPLE RECEIVING

Phone

850 245-8085

Company

FLORIDA DEP/CHEMISTRY SECTION

Address

2600 BLAIRSTONE RD

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Dept./Floor/Suite/Room

Address

Use this line for the HOLD location address or for continuation of your shipping address.

City

TALLAHASSEE

State

FL

ZIP

32399-6542

0124452242

Form
10 No.

0215

Recipient's Copy

4 Express Package Service

* To meet locations.

Packages up to 150 lbs.
For packages over 150 lbs., use the
FedEx Express Freight US Airbill.

Next Business Day

☐ FedEx First Overnight
Earliest next business morning delivery to select
locations. Friday shipments will be delivered on
Monday unless Saturday Delivery is selected.☒ FedEx Priority Overnight
Next business morning.* Friday shipments will be
delivered on Monday unless Saturday Delivery
is selected.☐ FedEx Standard Overnight
Next business afternoon.*
Saturday Delivery NOT available.

2 or 3 Business Days

☐ FedEx 2Day A.M.
Second business morning.*
Saturday Delivery NOT available.☐ FedEx 2Day
Second business afternoon.* Thursday shipments
will be delivered on Monday unless Saturday
Delivery is selected.☐ FedEx Express Saver
Third business day.*
Saturday Delivery NOT available.

5 Packaging

* Declared value limit \$500.

☐ FedEx Envelope*☐ FedEx Pak*☐ FedEx
Box☐ FedEx
Tube☒ Other

6 Special Handling and Delivery Signature Options

Fees may apply. See the FedEx Service Guide.

☐ Saturday Delivery

NOT available for FedEx Standard Overnight, FedEx 2Day A.M., or FedEx Express Saver.

☐ No Signature Required
Package may be left without
obtaining a signature for delivery.☐ Direct Signature
Someone at recipient's address
may sign for delivery.☐ Indirect Signature
If no one is available at recipient's
address, someone at a neighboring
address may sign for delivery. For
residential deliveries only.

Does this shipment contain dangerous goods?

One box must be checked.

☒ No☐ YesAs per attached
Shipper's Declaration.☐ YesShipper's Declaration
not required.☐ Dry Ice
Dry Ice, 9, UN 1845

x kg

Restrictions apply for dangerous goods — see the current FedEx Service Guide.

☐ Cargo Aircraft Only

7 Payment Bill to:

Enter FedEx Acct. No. or Credit Card No. below.

Obtain recip.
Acct. No.☐ Sender
Acct. No. in Section
1 will be billed.☒ Recipient☐ Third Party☐ Credit Card☐ Cash/Check

Total Packages

Total Weight

lbs.

Credit Card Auth.

*Our liability is limited to US\$100 unless you declare a higher value. See the current FedEx Service Guide for details.

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From: [King, Michael](#)
To: [Greenwood, Jhamieka](#); [Watts, John](#)
Cc: [Mulkey, Nathan](#)
Subject: RE: Sw lake run
Date: Tuesday, July 11, 2017 12:03:23 PM

1140 CT

From: Greenwood, Jhamieka
Sent: Tuesday, July 11, 2017 11:02 AM
To: King, Michael <Michael.King@dep.state.fl.us>; Watts, John <John.Watts@dep.state.fl.us>
Cc: Mulkey, Nathan <Nathan.Mulkey@dep.state.fl.us>
Subject: RE: Sw lake run

Thanks for verifying the RQ number. I have one more issue. For location "Lake Karick at Center" with Field ID G4NW0274, the sample collection time was not recorded. Can you verify this time?

Jhamieka Greenwood

Florida DEP Labs
Laboratory Tech IV
Scientific Support
Voice: (850) 245-8153
Direct: 58153
Jhamieka.Greenwood@dep.state.fl.us

From: King, Michael
Sent: Tuesday, July 11, 2017 11:17 AM
To: Watts, John <John.Watts@dep.state.fl.us>
Cc: Mulkey, Nathan <Nathan.Mulkey@dep.state.fl.us>; Greenwood, Jhamieka <Jhamieka.Greenwood@dep.state.fl.us>
Subject: RE: Sw lake run

John,

This appears to be a typo. The RQ should remain as RQ-2017-07-10-35. Sorry for the confusion.

Mike

From: Watts, John
Sent: Tuesday, July 11, 2017 9:51 AM
To: King, Michael <Michael.King@dep.state.fl.us>
Cc: Mulkey, Nathan <Nathan.Mulkey@dep.state.fl.us>; Greenwood, Jhamieka <Jhamieka.Greenwood@dep.state.fl.us>
Subject: Sw lake run

Log in as RQ-07-10-83?

John

Sent using OWA for iPhone