

WBID135 111 462C

Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: NW-DIST

Requester: Michael King

Field Report Prepared By: N. Mulke

Project ID: SMP

Collected By: Nathan MulkeSampling Agency: FDOP NW/ROC

Location	Location: MOORE CR ABOVE MINERAL SPRINGS RD SR CO		G4NW0355 Field ID ↑ STORET ↓ 33020094	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>9/9/16</u> Time <u>1045</u>	Eastern ☒ Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)	
Field ID	RQ-2016-09-05-72(WBID 111)			Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen <u>8.4</u> mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A	
STOR	Date: _____ Time: <u>1045</u> CST			Temp (C) <u>21.5</u>	pH <u>5.7</u>	Sample Depth <u>0.2</u> ft ☒ m	Sp. Conductance (umho/cm) <u>55</u>		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments				
Location	Location: MOORE CREEK SR197		G4NW0318 Field ID ↑ STORET ↓ 33020100	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>9/9/16</u> Time <u>1115</u>	Eastern ☒ Central	Composite end Date _____ Time _____	Bottle Group(s)	
Field ID	RQ-2016-09-05-72(WBID 111)			Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen <u>7.5</u> mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A	
STOR	Date: _____ Time: <u>1115</u> CST			Temp (C) <u>22.4</u>	pH <u>6.2</u>	Sample Depth <u>0.2</u> ft ☒ m	Sp. Conductance (umho/cm) <u>62</u>		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments				
Location	Location: BOGGY CREEK AT SR 97A		G5NW0009 Field ID ↑ STORET ↓ 33010056	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>9/9/16</u> Time <u>1220</u>	Eastern ☒ Central	Composite end Date _____ Time _____	Bottle Group(s)	
Field ID	RQ-2016-09-05-72(WBID 135)			Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen <u>7.5</u> mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A	
STOR	Date: _____ Time: <u>1220</u> CST			Temp (C) <u>21.8</u>	pH <u>5.7</u>	Sample Depth <u>0.2</u> ft ☒ m	Sp. Conductance (umho/cm) <u>38</u>		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments				
Location	Location: Perdido River At Ruby's Landing Hwy 90		G5NW0033 Field ID ↑ STORET ↓ 3301462C5	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>9/9/16</u> Time <u>1315</u>	Eastern ☒ Central	Composite end Date _____ Time _____	Bottle Group(s)	
Field ID	RQ-2016-09-05-72(WBID 462C)			Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen <u>6.4</u> mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A	
STOR	Date: _____ Time: <u>1315</u> CST			Temp (C) <u>25.1</u>	pH <u>5.3</u>	Sample Depth <u>0.2</u> ft ☒ m	Sp. Conductance (umho/cm) <u>38</u>		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments				

Relinquished By: Nathan MulkeDate/Time: 9/9/16Shipping Method: Fed ExNumber of Coolers Shipped: 1Received By: SKDate/Time: 9-8-16/10:08

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						

Date of Request: 24-AUG-2016
 Created By: KING_M On: 24-AUG-2016
 Modified By: MATTHEWS_D On: 30-AUG-2016
 Customer: NW-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Northwest ROC
 Sampling Event: WBID135 111 462C

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: 25-AUG-2016
 Biology Request Reviewed By: MATTHEWS_D On: 30-AUG-2016
 Sampling Kit Required: NO Ship on:
 Sampling Kit Shipped:
 Sampling Kit Packed By:
 Preservatives Needed: NO
 Date to Receive Samples: 05-SEP-2016
 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: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, phaeophytin and ratio 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

RQ-2016-09-05-72

Log-in Checklist

Shipping Method: FedexDate/Time of Receipt: 9-8-16/10:08

Cooler ID	Cooler Temperature*	No. Sample Containers in Cooler	Evidence Tape		Evidence Tape		Tracking # (fill out only if waybill copy is damaged)	
			Present?	*Intact?	Present?	*Intact?		
Yes	No	Yes	No	Yes	No	Yes	No	
Red	2.5	16		☒				

*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					

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

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

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

Coolers Unpacked/Checked by: SK Date: 9-8-16

NCRs (Y/N)? N

Event ID: NW-DIST-2016-09-08-01

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

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:

01000

FedEx
Express

 Package
US Airbill

 FedEx
Tracking
Number

8099 4719 6983

16359

fedex.com 1800.GoFedEx 1800.463.3339

05943033

1 From 9/7/16

Date Nathan Mulky Phone 850 595 6626

Sender's Name FDEP

Company 160 W East St

Address Princeton State FL ZIP 32502

City Dept./Floor/Suite/Room

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 TALLAHASSEE

City State FL ZIP 32399



8099 4719 6983

Form ID No. 0215

Recipient's Copy

4 Express Package Service • To most 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 ☐ Yes
As per attached Shipper's Declaration.
- ☐ Yes
Shipper'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 262 Total Weight 11 lbs. Credit Card Auth. 611

*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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