

Eglin Run WBID 468A 495 432 476 445 361

Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: NW-DIST

Requester: Michael King

Field Report Prepared By: N. Mulkey

Project ID: SMP

Collected By: Nathan Mulkey / Frank B. Berman

Sampling Agency: FDEP

Location	Location: Turkey Creek abv Eglin Rd 232 RQ-2016-11-14-23(WBID 495) Date: 0950 CST Time: 0950 CST	G3NW0093 Field ID ↑ STORET ↓ 32010204	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 11/21/16 Time 0950	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Field ID			Matrix (type, e.g., Salt, Fresh) etc	Diss. Oxygen	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
STORET #			Temp (C) 13.4	pH 5.6	Sample Depth 0.2	Sp. Conductance (umho/cm) 14	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments		
Location	Location: Juniper Creek @ Hwy 85 RQ-2016-11-14-23(WBID 468A) Date: 1015 CST Time: 1015 CST	G3NW0095 Field ID ↑ STORET ↓ 32010095	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 11/21/16 Time 1015	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)	A
STORET #			Temp (C) 11.2	pH 6.2	Sample Depth 0.3	Sp. Conductance (umho/cm) 14	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments		
Location	Location: Little Rocky Creek abv Eglin Rd 515 RQ-2016-11-14-23(WBID 476) Date: 1050 CST Time: 1050 CST	G3NW0103 Field ID ↑ STORET ↓ 32010202	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 11/21/16 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)	A
STORET #			Temp (C) 11.2	pH 6.1	Sample Depth 0.2	Sp. Conductance (umho/cm) 14	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments		
Location	Location: Open Branch Above ER214/374 C-72 RQ-2016-11-14-23(WBID 445) Date: 1150 CST Time: 1150 CST	G3NW0105 Field ID ↑ STORET ↓ 32010076	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 11/21/16 Time 1150	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)	A
STORET #			Temp (C) 13.3	pH 5.9	Sample Depth 0.2	Sp. Conductance (umho/cm) 10	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments		

Relinquished By: <i>Nathan Mulkey</i>	Date/Time: 11/21/16	Shipping Method: Fed Ex	Number of Coolers Shipped: 2	Received By: <i>SK</i>	Date/Time: 11-22-16/10:12
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Group:	Bottle Type:	# of Bottles:	Preservative:	Enter Number of Bottles Sent to Lab
A	P-1L	7	ICE	4
ALKALINITY				
TURBIDITY				
W-CL-IC				
W-COLOR				
W-F				
W-SO4-IC				
W-TDS				
W-TSS				
A	BP-1L	7	ICE	4
CHLSUITE-W				
A	P-500ML	7	ICE And H2SO4	4
W-NH3				
W-NO2NO3				
W-S-A-TP				
W-TKN				
W-TOC				
A	P-125ML	7	ICE-FLTR	4
W-PO4-F				

Eglin Run WBID 468A 495 432 476 445 361

Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: NW-DIST

Project ID: SMP

Requester: Michael King

Field Report Prepared By: N. MulkyCollected By: Nathan Mulky / Frank BettsSampling Agency: FOEP NWROC

Location	Location: Rocky Creek		G3NW0060	☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle
Field ID	@214		Field ID ↑	☒ Grab	Date 11/21/16	Time 1210	Date	Group(s)
STORET	RQ-2016-11-14-23(WBID 361)		STORET ↓	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☒ mg/L	Total Res. Chlorine	(See pg 2)
Date:	Date: 12/0		32010247	Temp (C) 14.8	pH 5.3	☐ % sat	(mg/L)	
Time:	Time: 1210 CST			Sample Depth 0.2	Sp. Conductance	☒ ft	(umho/cm)	
Latitude	☐ dd	Longitude	☐ dms	☐ dd	Salinity (ppt)	Comments		
	☐ dms		☐ dms	☐ dms				
Location	Location: Rocky Creek		G3NW0059	☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle
Field ID	at 200/201		Field ID ↑	☒ Grab	Date 11/21/16	Time 1230	Date	Group(s)
STORET	RQ-2016-11-14-23(WBID 361)		STORET ↓	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☒ mg/L	Total Res. Chlorine	(See pg 2)
Date:	Date: 1230		32010022	Temp (C) 13.2	pH 5.6	☐ % sat	(mg/L)	
Time:	Time: 1230 CST			Sample Depth 0.2	Sp. Conductance	☒ ft	(umho/cm)	
Latitude	☐ dd	Longitude	☐ dms	☐ dd	Salinity (ppt)	Comments		
	☐ dms		☐ dms	☐ dms				
Location				☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle
Field ID				☐ Grab	Date	Time	Date	Group(s)
STORET #				Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☐ mg/L	Total Res. Chlorine	
				Temp (C)	pH	☐ % sat	(mg/L)	
Latitude	☐ dd	Longitude	☐ dms	Sample Depth	Sp. Conductance	☐ ft	(umho/cm)	
	☐ dms		☐ dms			☐ m		
Location				☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle
Field ID				☐ Grab	Date	Time	Date	Group(s)
STORET #				Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☐ mg/L	Total Res. Chlorine	
				Temp (C)	pH	☐ % sat	(mg/L)	
Latitude	☐ dd	Longitude	☐ dms	Sample Depth	Sp. Conductance	☐ ft	(umho/cm)	
	☐ dms		☐ dms			☐ m		
Location				☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle
Field ID				☐ Grab	Date	Time	Date	Group(s)
STORET #				Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☐ mg/L	Total Res. Chlorine	
				Temp (C)	pH	☐ % sat	(mg/L)	
Latitude	☐ dd	Longitude	☐ dms	Sample Depth	Sp. Conductance	☐ ft	(umho/cm)	
	☐ dms		☐ dms			☐ m		
Location				☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle
Field ID				☐ Grab	Date	Time	Date	Group(s)
STORET #				Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☐ mg/L	Total Res. Chlorine	
				Temp (C)	pH	☐ % sat	(mg/L)	
Latitude	☐ dd	Longitude	☐ dms	Sample Depth	Sp. Conductance	☐ ft	(umho/cm)	
	☐ dms		☐ dms			☐ m		

Relinquished By: <u>Nathan Mulky</u>	Date/Time: <u>11/21/16</u>	Shipping Method: <u>Fed Ex</u>	Number of Coolers Shipped: <u>2</u>	Received By: <u>SK</u>	Date/Time: <u>11/22-16/10:12</u>
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Group: A Bottle Type: P-1L # of Bottles: 7 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: 7 Preservative: ICE Enter Number of Bottles Sent to Lab 2

CHLSUITE-W

Group: A Bottle Type: P-500ML # of Bottles: 7 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: 7 Preservative: ICE-FLTR Enter Number of Bottles Sent to Lab 2

W-PO4-F

Date of Request: 18-OCT-2016
 Created By: KING_M On: 18-OCT-2016
 Modified By: MATTHEWS_D On: 04-NOV-2016
 Customer: NW-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Northwest District
 Sampling Event: Eglin Run WBID 468A 495 432 476 445 361

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: 26-OCT-2016
 Biology Request Reviewed By: MATTHEWS_D On: 04-NOV-2016
 Sampling Kit Required: YES Ship on: 10-NOV-2016
 Sampling Kit Shipped: YES On: 14-NOV-2016
 Sampling Kit Packed By: SHAIK_A
 Preservatives Needed: NO
 Date to Receive Samples: 14-NOV-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 7 Samples:

Bottle Type: P-1L	Number of Bottles: 7	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
Bottle Type: BP-1L	Number of Bottles: 7	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: 7	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: 7	Preserved With: ICE-FLTR
W-PO ₄ -F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Log-in Checklist

RQ- 2016-11-14-23

Shipping Method: Fedex

Date/Time of Receipt: 11-22-16/10:12

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	0.4	12		✓			
Red	0.3	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 ☐

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: 12-11-22-16 NCRs (Y/N)? N

Event ID: NW-DIST-2016-11-22-01 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
ExpressPackage
US AirbillFedEx
Tracking
Number

8103 9283 7571

Form
ID No. 0215

Recipient's Copy

1 From

Date

11/21/16

Sender's
Name

Nathan Malky

Phone

850 595 0626

Company

FDEP

Address

140 W Court St

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

0124031825



8103 9283 7571

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
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, 8, 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

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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01000

FedEx
ExpressPackage
US AirbillFedEx
Tracking
Number

8103 9283 7582

Form
ID No.

0215

Recipient's Copy

1 From
Date 11/21/16Sender's
Name

Nathan Mulkey

Phone

850 595 0626

Company

FDEP

Address

160 W Court 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

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

Hold Weekday
FedEx location address
REQUIRED. NOT available for
FedEx First Overnight.Hold Saturday
FedEx location address
REQUIRED. Available ONLY for
FedEx Priority Overnight and
FedEx 2Day to select locations.

0124031825



8103 9283 7582

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

Total Weight

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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