

Central Laboratory Submittal Form

Customer: NW-DIST

Requester: Michael King

Field Report Prepared By:

Project ID: SMP

Collected By:

Stephen Slady, Frank Butera

Sampling Agency:

F. Butera
DEP-NWRDC

Location	Location: Otter Creek	G3NW0133	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 5/09/2017 Time 11:24	Eastern Central	Composite end Date	Time	Bottle Group(s) (See pg 2)
Field ID	Field ID ↑ Otter Creek Bridge	Field ID ↓ STORET	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		B
STORET #	STORET # RQ-2017-05-22-27 (WBID 950)	STORET #	Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)		
Date:	Date: CST	Date:	Salinity (ppt)	Comments				
Latitude	Latitude	Latitude						
Location	Location: G3NW0133 DUPLICATE	G3NW0133	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 5/09/2017 Time 11:25	Eastern Central	Composite end Date	Time	Bottle Group(s)
Field ID	Field ID ↑ Otter Creek @	Field ID ↓ STORET	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		B
STORET #	STORET # RQ-2017-05-22-27 (WBID 950)	STORET #	Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)		
Date:	Date: CST	Date:	Salinity (ppt)	Comments				
Latitude	Latitude	Latitude						
Location	Location: Otter Creek	FIELD BLANK	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 5/09/2017 Time 11:30	Eastern Central	Composite end Date	Time	Bottle Group(s)
Field ID	Field ID ↑ RQ-2017-05-22-27	Field ID ↓	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		B
STORET #	STORET # Date:	STORET #	Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)		
Date:	Date: CST	Date:	Salinity (ppt)	Comments				
Latitude	Latitude	Latitude						
Location	Location: Lafayette Creek	G3NW0118	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 5/09/2017 Time 12:30	Eastern Central	Composite end Date	Time	Bottle Group(s)
Field ID	Field ID ↑	Field ID ↓ STORET	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		A
STORET #	STORET # RQ-2017-05-22-27 (WBID 646)	STORET #	Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)		
Date:	Date: CST	Date:	Salinity (ppt)	Comments				
Latitude	Latitude	Latitude						

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
F. Butera	5-7-2017	Fed Ex	2	[Signature]	5-10-17/11:00

Group: A	Bottle Type:	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
ALKALINITY							
TURBIDITY							
W-CL-IC							
W-COLOR							
W-F							
W-SO4-IC							
W-TDS							
W-TSS							
Group: A	Bottle Type:	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
CHLSUITE-W							
Group: A	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	
W-NH3							
W-NO2NO3							
W-S-A-TP							
W-TKN							
W-TOC							
Group: A	Bottle Type:	P-125ML	# of Bottles: 3	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab	3
W-PO4-F							
Group: B	Bottle Type:	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
ALKALINITY							
TURBIDITY							
W-CL-IC							
W-COLOR							
W-F							
W-SO4-IC							
W-TDS							
W-TSS							
Group: B	Bottle Type:	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
CHLSUITE-W							
Group: B	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	3
W-ICP							
W-ICPMS							

Request Number: RQ-2017-05-22-27

Florida Department of Environmental Protection

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Freeport/Bay/Washington run WBID 557 646 567 950

Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: NW-DIST

Requester: Michael King

Field Report Prepared By:

F. BUTERA

Project ID: SMP

Collected By: Stephen Slade Frank BUTERA

Sampling Agency:

DEP-NW20C

Location		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 5/09/2017 Time 12:45		Eastern ☐ Central ☒ Composite end Date Time		Bottle Group(s) (See pg 2)	
Field ID	Location: Fourmile Creek	G3NW0112		Matrix (type, e.g., Salt, Fresh, etc) FRESH		Diss. Oxygen 8.8		Total Res. Chlorine (mg/L)	
STORET #	RQ-2017-05-22-27 (WBID 567)	Field ID ↑ STORET ↓		Temp (C) 19.1		pH 5.7		Sample Depth 0.2	
Latitude	Date: CST	G3NW0122		Salinity (ppt) 0.0		Sp. Conductance (umho/cm) 19			
Time: CST		d ☐ dms ☐		Comments					
Location		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 5/09/2017 Time 13:34		Eastern ☐ Central ☒ Composite end Date Time		Bottle Group(s)	
Field ID	Location: Magnolia Creek above Owl Head's Rd.	G3NW0099		Matrix (type, e.g., Salt, Fresh, etc) FRESH		Diss. Oxygen 8.6		Total Res. Chlorine (mg/L)	
STORET #	RQ-2017-05-22-27 (WBID 557)	Field ID ↑ STORET ↓		Temp (C) 24.0		pH 5.9		Sample Depth 0.3	
Latitude	Date: CST	G3NW0099		Salinity (ppt) 4.0		Sp. Conductance (umho/cm) 24			
Time: CST		dd ☐ dms ☐		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		Total Res. Chlorine (mg/L)	
STORET #				Temp (C)		pH		Sample Depth	
Latitude	dd ☐ dms ☐	Longitude dd ☐ dms ☐		Salinity (ppt)		Sp. Conductance (umho/cm)			
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		Total Res. Chlorine (mg/L)	
STORET #				Temp (C)		pH		Sample Depth	
Latitude	dd ☐ dms ☐	Longitude dd ☐ dms ☐		Salinity (ppt)		Sp. Conductance (umho/cm)			
Comments									

Relinquished By:

F. BUTERA

Date/Time

05/09/2017

Shipping Method

Fed Ex

Number of Coolers Shipped:

2

Received By:

F. BUTERA

Date/Time

5-10-17/10:00

Group: A	Bottle Type:	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	ALKALINITY					
	TURBIDITY					
	W-CL-IC					
	W-COLOR					
	W-F					
	W-SO4-IC					
	W-TDS					
	W-TSS					
Group: A	Bottle Type:	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: A	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab _____
	W-NH3					
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					
	W-TOC					
Group: A	Bottle Type:	P-125ML	# of Bottles: 3	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab _____
	W-PO4-F					
Group: B	Bottle Type:	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	ALKALINITY					
	TURBIDITY					
	W-CL-IC					
	W-COLOR					
	W-F					
	W-SO4-IC					
	W-TDS					
	W-TSS					
Group: B	Bottle Type:	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: B	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	HNO3	Enter Number of Bottles Sent to Lab _____
	W-ICP					
	W-ICPMS					

Group: B Bottle Type: P-500ML # of Bottles: 3 Preservative: ICE And H2SO4 Enter Number of Bottles Sent to Lab 3

W-NH3
W-NO2NO3
W-S-A-TP
W-TKN
W-TOC

Group: B Bottle Type: P-125ML # of Bottles: 3 Preservative: ICE-FLTR Enter Number of Bottles Sent to Lab 3

W-PO4-F

Date of Request: 24-APR-2017
 Created By: KING_M On: 24-APR-2017
 Modified By: MATTHEWS_D On: 08-MAY-2017
 Customer: NW-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Northwest District
 Sampling Event: Freeport/Bay/Washington run WBID 557 646 567 950

Send Coolers To:

Phone: SC-595-0605
 160 W Government St
 Suite 208A
 Pensacola, FL 32502-5794
 Attn: Michael King

Program Module Number: 1306
 Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 04-MAY-2017
 Biology Request Reviewed By: MATTHEWS_D On: 08-MAY-2017
 Sampling Kit Required: YES Ship on: 09-MAY-2017
 Sampling Kit Shipped: YES On: 09-MAY-2017
 Sampling Kit Packed By: REAVES_S
 Preservatives Needed: NO
 Date to Receive Samples: 22-MAY-2017
 Received By: SHAIK_A On: 10-MAY-2017

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 3 Samples:**

Bottle Type: P-1L	Number of Bottles: 3	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: 3	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: 3	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: 3	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

Bottle Group B (Water) With 3 Samples:

Bottle Type: P-1L	Number of Bottles: 3	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)		

Bottle Group B (Water) With 3 Samples:

Bottle Type: P-1L	Number of Bottles: 3	Preserved With: ICE
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: 3	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: 3	Preserved With: HNO3
W-ICP	Template:	(EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects
		Calcium
		Chromium
		Iron
		Magnesium
		Nickel
		Potassium
		Sodium
		Zinc
W-ICPMS	Template:	(EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects
		Arsenic
		Cadmium
		Copper
		Lead
		Silver
Bottle Type: P-500ML	Number of Bottles: 3	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: 3	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- 2017-05-22-27

Shipping Method: Red Exp

Date/Time of Receipt: 5-10-17 11:00

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	1.1C	15		/			
Red	1.9C	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			W-CT-CI-R		

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

**Acid Preserved Samples: pH ≤ 2.0? Yes / No NA Init: AB

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

Coolers Unpacked/Checked by: AB Date: 5-10-17 NCRs (Y/N)?

Event ID: Freeport/Bay/Washington run WBID 557 NCR #

NW-DIST-2017-05-10-01 (SMP)

Date Received: 10-MAY-2017 10:00

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:

From [Redacted]
Date 5/9/07
Sender's Name FRANK BUTERA 850 595-4572
Company DEP NWROC
Address 164 W GOVERNMENT ST
City Pensacola State FL ZIP 32542
Your Internal Billing Reference

To Recipient's Name SAMPLE RECEIVING Phone 850 245-8085
Company FLORIDA DEP/CHEMISTRY SECTION
Address 2600 BLAIRSTONE RD
City TALLAHASSEE State FL ZIP 32399



8113 0563 0502

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
☒ FedEx Priority Overnight
☐ FedEx Standard Overnight

2 or 3 Business Days
☐ FedEx 2Day A.M.
☐ FedEx 2Day
☐ FedEx Express Saver

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
☐ No Signature Required
☐ Direct Signature
☐ Indirect Signature
☒ No
☐ Yes
☐ Yes
☐ Dry Ice
☐ Cargo Aircraft Only

7 Payment Bill to:
 Sender ☐ Recipient ☒ Third Party ☐ Credit Card ☐ Cash/Check
 Total Packages 1 Total Weight 60 lbs
 0126430468
 611

From 5/09/2007
Sender's Name FRANK BUTERA 850 595-4572
Company FL DEP - NWROC
Address 164 W. GOVERNMENT ST.
City PENSACOLA State FL ZIP 32542

Internal Billing Reference
To Recipient's Name Phone 850 245-8085
Company FLORIDA DEP/CHEMISTRY SECTION
Address 2600 BLAIRSTONE RD
City TALLAHASSEE State FL ZIP 32399-6542



8111 7111 3567

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
☒ FedEx Priority Overnight
☐ FedEx Standard Overnight

2 or 3 Business Days
☐ FedEx 2Day A.M.
☐ FedEx 2Day
☐ FedEx Express Saver

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
☐ No Signature Required
☐ Direct Signature
☐ Indirect Signature
☒ No
☐ Yes
☐ Yes
☐ Dry Ice
☐ Cargo Aircraft Only

7 Payment Bill to:
 Sender ☐ Recipient ☒ Third Party ☐ Credit Card ☐ Cash/Check
 Total Packages 1 Total Weight 60 lbs
 0125636852
 611