

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: NW-DIST

Requester: Michael King

Field Report Prepared By: F. Butera

Project ID: SMP

Collected By: F. Butera, S. Slade

Sampling Agency: DEP-NWLOC

Location	G3NW0124	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 5/31/2017 Time 11:15	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Field ID	Location: Eastern Lake	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)	B
STORET #	RQ-2017-05-29-12 (WBID 1037) Date: 5/31/2017 Time: 11:15 CST	Temp (C) 29.6	pH 7.3	Sample Depth 0.3	Sp. Conductance (umho/cm) 18474	
Latitude	☐ dms	Salinity (ppt) 10.9	Comments D.O. SAT 6.5 mg/L			
Location	G3NW0125	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 5/31/2017 Time 12:30	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID	Location: Little Redfish Lake	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)	B
STORET #	RQ-2017-05-29-12 (WBID 959J) Date: 5/31/2017 Time: 12:30 CST	Temp (C) 29.7	pH 6.9	Sample Depth 0.3	Sp. Conductance (umho/cm) 6678	
Latitude	☐ dms	Salinity (ppt) 3.6	Comments D.O. SAT 6.6 mg/L			
Location	G3NW0085	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 5/31/2017 Time 13:30	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID	Location: Allen Lake	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)	A
STORET #	RQ-2017-05-29-12 (WBID 959H) Date: 5/31/2017 Time: 13:30 CST	Temp (C) 28.9	pH 5.3	Sample Depth 0.3	Sp. Conductance (umho/cm) 88	
Latitude	☐ dms	Salinity (ppt) 0.0	Comments D.O. SAT 6.9 mg/L			
Location	G3NW0083	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 5/31/17 Time 14:00	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID	Location: Stallworth Lake	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)	B
STORET #	RQ-2017-05-29-12 (WBID 959B) Date: 5/31/2017 Time: 14:00 CST	Temp (C) 29.3	pH 7.1	Sample Depth 0.3	Sp. Conductance (umho/cm) 6834	
Latitude	☐ dms	Salinity (ppt) 3.7	Comments D.O. SAT 8.0 mg/L			

Relinquished By: F. Butera	Date/Time: 5/31/2017	Shipping Method: FED Ex	Number of Coolers Shipped: 2	Received By: SR	Date/Time: 6-1-17/10:20
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Central Laboratory Submittal Form

Customer: NW-DIST

Project ID: SMP

Requester: Michael King

Collected By:

F. BUTERA, S. SLADE

Field Report Prepared By:

F. BUTERA

Sampling Agency:

DEP-NWROC

Location	G3NW0126 Field ID ↑ STORET ↓ G3NW0126		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 5/31/2017 Time 14:50	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Field ID	Location: Morris Lake		Matrix (type, e.g., Salt, Fresh, etc) SALT		Diss. Oxygen 102	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)
STORET #	RQ-2017-05-29-12 (WBID 959) Date: 5/31/2017 Time: 14:50 CST		Temp (C) 29.2	pH 5.6	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 107
Latitude	☐ dms		Salinity (ppt) 0.1	Comments D.O. SAT. 7.9 mg/L			
Location	G3NW0084 Field ID ↑ STORET ↓ G3NW0084		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 5/31/17 Time 15:25	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID	Location: Fuller Lake		Matrix (type, e.g., Salt, Fresh, etc) FRESH		Diss. Oxygen 91	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)
STORET #	RQ-2017-05-29-12 (WBID 959G) Date: 5/31/2017 Time: 15:35 CST		Temp (C) 29.2	pH 4.8	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 101
Latitude	☐ dms		Salinity (ppt) 0.1	Comments D.O. SAT 7.0 mg/L			
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)
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)
STORET #			Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)
Latitude	☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt)	Comments			

Relinquished By: G. King	Date/Time 5/31/2017	Shipping Method FED Ex	Number of Coolers Shipped: 2	Received By: SR	Date/Time 6-1-17 / 10:20
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Group: A	Bottle Type:	P-1L	# of Bottles: 2	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: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 2	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: 2	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab	2
	W-PO4-F						
Group: B	Bottle Type:	P-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	ALKALINITY						
	TURBIDITY						
	W-F						
	W-TSS						
Group: B	Bottle Type:	BP-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	CHLSUITE-W						
Group: B	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: B	Bottle Type:	P-125ML	# of Bottles: 4	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab	4

Group: B

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-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 ROC
 Sampling Event: Dune Lakes Run WBD 1037 959B,G,H,J

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: 08-MAY-2017
 Biology Request Reviewed By: MATTHEWS_D On: 08-MAY-2017
 Sampling Kit Required: YES Ship on: 11-MAY-2017
 Sampling Kit Shipped: YES On: 12-MAY-2017
 Sampling Kit Packed By: REAVES_S
 Preservatives Needed: NO
 Date to Receive Samples: 29-MAY-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 2 Samples:

Bottle Type: P-1L	Number of Bottles: 2	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: 2	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: 2	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: 2	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 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 CaCO ₃ /L
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
W-F	Template: DEFAULT	(SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-TSS	Template: DEFAULT	(SM 2540 D-97) Total Suspended Solids in aqueous matrices

Bottle Group B (Water) With 4 Samples:

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

Log-in Checklist

RQ- 2017-05-29-12

Shipping Method: FedEx

Date/Time of Receipt: 6/1/17 10:20

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	
Ref	2.1	12		6			
Ref	0.7	12		6			

*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 6 If yes, is it intact? Yes No

**Caps on tight? Yes 6 No **Containers intact? Yes 6 No

**Sufficient Sample Volume: Yes 6 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 6 No NA Init: 9

**W-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes No NA 6 Init: 9

Coolers Unpacked/Checked by: 9 Date: 6/1/17

NCRs (Y/N)? N

Event ID: NW-DIST-2017-06-01-02

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:

ORIGIN ID:VPSA (850) 595-0572
FRANK BUTERA
FL DEP-NWROC
160 W GOVERNMENT ST

PENSACOLA, FL 32502
UNITED STATES US

SHIP DATE: 31MAY17
ACTWGT: 52.50 LB
CAD: 006993621/SSFE1802
DIMS: 24x15x16 IN

BILL RECIPIENT

TO **SAMPLE RECEIVING**
FL DEP/CHEMISTRY SECTION
2600 BLAIRSTONE RD

TALLAHASSEE FL 32399

(850) 245-8086

INU:

PO:

REF:

DEPT:



FedEx
Express



TRK# 7867 5028 0983
0201

XH TLHA

THU - 01 JUN 10:30A
PRIORITY OVERNIGHT

AHS

32399

FL-US TLH



Part # 166297133 FEAR/135 EXP 07/17

ORIGIN ID:VPSA (850) 595-0572
FRANK BUTERA
FL DEP-NWROC
160 W GOVERNMENT ST

PENSACOLA, FL 32502
UNITED STATES US

SHIP DATE: 31MAY17
ACTWGT: 47.80 LB
CAD: 006993621/SSFE1802
DIMS: 24x15x16 IN

BILL RECIPIENT

TO **SAMPLE RECEIVING**
FL DEP/CHEMISTRY SECTION
2600 BLAIRSTONE RD

TALLAHASSEE FL 32399

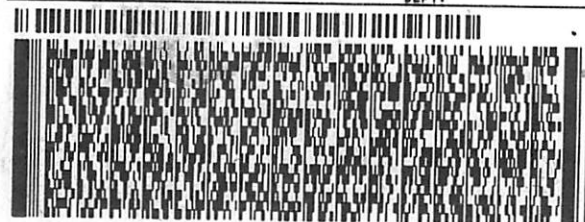
(850) 245-8086

INU:

PO:

REF:

DEPT:



FedEx
Express



TRK# 7867 5030 0100
0201

XH TLHA

THU - 01 JUN 10:30A
PRIORITY OVERNIGHT

AHS

32399

FL-US TLH



Part # 166297133 FEAR/135 EXP 07/17