

WBID 167 167A 160 30G

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: N. Mulkey, F. Butera

Sampling Agency: DEP - NWROC

Location	Location: Gum Creek	G4NW0381	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 5-2-2016 Time 11:40	Eastern ☒ Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Field ID	RQ-2016-05-02-83(WBID 167A)	Field ID ↑ STORET ↓	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
STORET #	Date: CST	G4NW0381	Temp (C) 22.1	pH 5.3	Sample Depth 0.2	Sp. Conductance (umho/cm) 24	
Latitude	☐ dd ☐ dms	☐ dd ☐ dms	Salinity (ppt) 0.0	Comments			
Location	Location: GUM CREEK	G4NW0322	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 5-2-2016 Time 12:10	Eastern ☒ Central	Composite end Date Time	Bottle Group(s)
Field ID	BELOW SR83	Field ID ↑ STORET ↓	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
STORET #	RQ-2016-05-02-83(WBID 167)	33040078	Temp (C) 23.2	pH 5.0	Sample Depth 0.2	Sp. Conductance (umho/cm) 28	
Latitude	☐ dd ☐ dms	☐ dd ☐ dms	Salinity (ppt) 0.0	Comments			
Location	Location: Gum Creek	G4NW0323	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 5-2-2016 Time 12:45	Eastern ☒ Central	Composite end Date Time	Bottle Group(s)
Field ID	above Bartlett Rd S. of Glendale	Field ID ↑ STORET ↓	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
STORET #	RQ-2016-05-02-83(WBID 167)	33040082	Temp (C) 23.5	pH 5.0	Sample Depth 0.2	Sp. Conductance (umho/cm) 29	
Latitude	☐ dd ☐ dms	☐ dd ☐ dms	Salinity (ppt) 0.0	Comments			
Location	Location: Gum Creek	G4NW0324	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 5-2-2016 Time 13:40	Eastern ☒ Central	Composite end Date Time	Bottle Group(s)
Field ID	abv CR-183B	Field ID ↑ STORET ↓	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
STORET #	RQ-2016-05-02-83(WBID 167)	G4NW0324	Temp (C) 24.3	pH 4.5	Sample Depth 0.3	Sp. Conductance (umho/cm) 27	
Latitude	☐ dd ☐ dms	☐ dd ☐ dms	Salinity (ppt) 0.0	Comments			

Relinquished By: Frank Butera	Date/Time: 5/2/2016	Shipping Method: Fed Ex	Number of Coolers Shipped: 2	Received By: SK	Date/Time: 5.3.16/9.42
-------------------------------	---------------------	-------------------------	------------------------------	-----------------	------------------------

Group: A Bottle Type: P-1L # of Bottles: 12 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: P-1L # of Bottles: 12 Preservative: ICE Enter Number of Bottles Sent to Lab 4 0 FB

BOD-UNIN

Group: A Bottle Type: BP-1L # of Bottles: 12 Preservative: ICE Enter Number of Bottles Sent to Lab 4

CHLSUITE-W

Group: A Bottle Type: P-500ML # of Bottles: 12 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: 12 Preservative: ICE-FLTR Enter Number of Bottles Sent to Lab 4

W-PO4-F

WBID 167 167A 160 30G

Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: NW-DIST

Requester: Michael King

Field Report Prepared By:

Project ID: SMP

Collected By:

NATHAN MURKIN, FRANK BUTERA

Sampling Agency:

DEP - NWROC

Location	Location: Shoal River off Old Dorcas Rd Walton Co. RQ-2016-05-02-83(WBID 160) Date: Time: CST	G4NW0375 Field ID STORET 33040038	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 5-2-2016 Time 14:09	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)	
Field ID			Matrix (type, e.g., Salt, Fresh, etc) FRESH	Diss. Oxygen 7.8	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A	
STORET #			Temp (C) 23.2	pH 5.5	Sample Depth 0.2	Sp. Conductance (umho/cm) 29		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 0.0	Comments			
Location	Shoal River Hinote Rd		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 5-2-2016 Time 14:10	Eastern Central	Composite end Date Time	Bottle Group(s)	
Field ID	G4NW0376		Matrix (type, e.g., Salt, Fresh, etc) FRESH	Diss. Oxygen 7.8	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A	
STORET #	G4NW0376		Temp (C) 23.2	pH 5.7	Sample Depth 0.2	Sp. Conductance (umho/cm) 29		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 0.0	Comments No stickers			
Location	Location: Shoal River CR-1087 RQ-2016-05-02-83(WBID 160) Date: Time: CST	G4NW0377 Field ID STORET G4NW0377	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 5-2-2016 Time 14:40	Eastern Central	Composite end Date Time	Bottle Group(s)	
Field ID			Matrix (type, e.g., Salt, Fresh, etc) FRESH	Diss. Oxygen 7.7	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A	
STORET #			Temp (C) 23.5	pH 5.6	Sample Depth 0.3	Sp. Conductance (umho/cm) 28		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 0.0	Comments			
Location	Location: Shoal River Big Swamp cr FLA 187 RQ-2016-05-02-83(WBID 160) Date: Time: CST	G4NW0378 Field ID STORET 33040034	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 5/02/2016 Time 15:00	Eastern Central	Composite end Date Time	Bottle Group(s)	
Field ID			Matrix (type, e.g., Salt, Fresh, etc) FRESH	Diss. Oxygen 7.7	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A	
STORET #			Temp (C) 24.2	pH 5.5	Sample Depth 0.2	Sp. Conductance (umho/cm) 37		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 0.0	Comments			

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
F. Butera	5-02-2016	FED Ex	2	SK	5-3-16/9:43

Group: A	Bottle Type:	P-1L	# of Bottles: 12	Preservative:	ICE	Enter Number of Bottles Sent to Lab	16 8 4
ALKALINITY							
TURBIDITY							
W-CL-IC							
W-COLOR							
W-F							
W-SO4-IC							
W-TDS							
W-TSS							
Group: A	Bottle Type:	P-1L	# of Bottles: 12	Preservative:	ICE	Enter Number of Bottles Sent to Lab	16 8 4 0 16
BOD-UNIN							
Group: A	Bottle Type:	BP-1L	# of Bottles: 12	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
CHLSUITE-W							
Group: A	Bottle Type:	P-500ML	# of Bottles: 12	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: 12	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab	4
W-PO4-F							

Date of Request: 14-APR-2016
 Created By: KING_M On: 14-APR-2016
 Modified By: SWANSON_C On: 15-APR-2016
 Customer: NW-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Northwest District
 Sampling Event: WBID 167 167A 160 30G

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: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 15-APR-2016
 Biology Request Reviewed By: SWANSON_C On: 15-APR-2016
 Sampling Kit Required: YES Ship on: 22-APR-2016
 Sampling Kit Shipped: YES On: 20-APR-2016
 Sampling Kit Packed By: KITCHEN_S
 Preservatives Needed: NO
 Date to Receive Samples: 02-MAY-2016
 Received By: SHAIK_A On: 03-MAY-2016

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 12 Samples:

Bottle Type: P-1L	Number of Bottles: 12	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: P-1L	Number of Bottles: 12	Preserved With: ICE
BOD-UNIN	Template: DEFAULT	(SM 5210 B) BOD, NOT nitrogen-inhibited
Bottle Type: BP-1L	Number of Bottles: 12	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: 12	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: 12	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- 2016-05-02-83

Shipping Method: FO & EXL

Date/Time of Receipt: 05-03-16/09:45

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	
BLUE	2.4C	16		—			7829 7078 9840
BLUE	0.7C	16		✓			8099 4719 7383

*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: [Signature]

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

Coolers Unpacked/Checked by: [Signature] Date: 5-3-16 NCRs (Y/N)? 2

Event ID: _____ 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: