Request Number: RQ-2016-08-22-22

WBID 167 167A 160 30G

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: NW-DIST

Project ID: SMP

Requester: Michael King

Field Report Prepared By: MIKE King

Collected By: MIKE King ~~Jonathan Mowrey~~

Sampling Agency: FDEP

Location: Shoal River
off Old Dorcas Rd Walton Co.
RQ-2016-08-22-22
Date: 8/25/16
Time: 0920 CST

G4NW0375 — Field ID — STORET — 33040038

☐ Comp ☑ Grab	Collection (comp begin or grab) Date / Time	Eastern Central	Composite end Date / Time	Bottle Group(s) (See pg 2)			
Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 88	☐ mg/L ☑ % sat	Total Res. Chlorine (mg/L)			
Temp (C) 25.1	pH 5.9	Sample Depth 0.3	☐ ft ☑ m	Sp. Conductance (umho/cm) 28			
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 0.0	Comments				

Location: Shoal River
Hinote rd
RQ-2016-08-22-22
Date: 8/25/16
Time: 0950 CST

G4NW0376 — Field ID — STORET — G4NW0376

☐ Comp ☑ Grab	Collection (comp begin or grab) Date / Time	Eastern Central	Composite end Date / Time	Bottle Group(s)			
Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 89	☐ mg/L ☑ % sat	Total Res. Chlorine (mg/L)			
Temp (C) 25.0	pH 5.9	Sample Depth 0.3	☐ ft ☑ m	Sp. Conductance (umho/cm) 28			
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 0.0	Comments				

Location: Shoal River
CR-1087
RQ-2016-08-22-22
Date: 8/25/16
Time: 1010 CST

G4NW0377 — Field ID — STORET — G4NW0377

☐ Comp ☑ Grab	Collection (comp begin or grab) Date / Time	Eastern Central	Composite end Date / Time	Bottle Group(s)			
Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 88	☐ mg/L ☑ % sat	Total Res. Chlorine (mg/L)			
Temp (C) 24.9	pH 5.9	Sample Depth 0.3	☐ ft ☑ m	Sp. Conductance (umho/cm) 0.0			
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 29	Comments				

Location: Shoal River
Big Swamp cr FLA 187
RQ-2016-08-22-22
Date: 8/25/16
Time: 1035 CST

G4NW0378 — Field ID — STORET — 33040034

☐ Comp ☐ Grab	Collection (comp begin or grab) Date / Time	Eastern Central	Composite end Date / Time	Bottle Group(s)			
Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 91	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)			
Temp (C) 24.9	pH 5.2	Sample Depth 0.3	☐ ft ☐ m	Sp. Conductance (umho/cm) 33			
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
	8/25/16 1600	FEDEX	2	MB	8/26/16 9:55

Group: A	Bottle Type:	P-1L	# of Bottles: 9	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: 9	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					

Group: A	Bottle Type:	P-500ML	# of Bottles: 9	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: 9	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab _____
	W-PO4-F					

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Customer: NW-DIST

Project ID: SMP

Requester: Michael King

Field Report Prepared By: MIKE KING

Collected By: MIKE KING

Sampling Agency: FDEP

Location: Gum Creek
abv Bartlett Rd
RQ-2016-08-22-22
Date: 8/25/16
Time: 1105 CST

G4NW0323
Field ID
STORET
33040082

Location		☐ Comp ☐ Grab	Collection (comp begin or grab) Date / Time	Eastern Central	Composite end Date / Time		Bottle Group(s) (See pg 2)
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 6.7	☐ mg/L ☑ % sat	Total Res. Chlorine (mg/L)	
STORET #		Temp (C) 26.1	pH 5.1	Sample Depth 0.3	☐ ft ☑ m	Sp. Conductance (umho/cm) 28	
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 0.0	Comments				

Location: Gum Creek
Hwy 83
RQ-2016-08-22-22
Date: 8/25/16
Time: 1120 CST

G4NW0322
Field ID
STORET
33040078

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 7.0	☐ mg/L ☑ % sat	Total Res. Chlorine (mg/L)	
STORET #		Temp (C) 26.0	pH 5.2	Sample Depth 0.3	☐ ft ☑ m	Sp. Conductance (umho/cm) 29	
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 0.0	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				

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:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
	8/25/16 1600	FedEx	2	MB	8/26/16 9:55

Group: A	Bottle Type: P-1L	# of Bottles: 9	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: 9	Preservative: ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W			

Group: A	Bottle Type: P-500ML	# of Bottles: 9	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: 9	Preservative: ICE-FLTR	Enter Number of Bottles Sent to Lab _____
	W-PO4-F			

RQ-2016-08-22-22

Date of Request: 26-JUL-2016
Created By: KING_M On: 26-JUL-2016
Modified By: MATTHEWS_D On: 03-AUG-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

Send Final Report To:

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: 02-AUG-2016
Biology Request Reviewed By: MATTHEWS_D On: 03-AUG-2016
Sampling Kit Required: YES Ship on: 12-AUG-2016
Sampling Kit Shipped: YES On: 11-AUG-2016
Sampling Kit Packed By: SHAIK_A
Preservatives Needed: NO
Date to Receive Samples: 22-AUG-2016
Received By:

Report Type: Final Only
FTP Data: NO
QC Report: YES
Date Log: NO
Authorization Log: NO

Comments:

Bottle Group A (Water) With 9 Samples:

Bottle Type: P-1L	Number of Bottles: 9	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: 9	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: 9	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: 9	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- 2016-08-22-22

Shipping Method: Fedex Date/Time of Receipt: 8/26/16 9:55

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	-1.4	12		✓			8103 9283 3153
Red	-0.5	12		✓			8103 9283 3164

*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: MB

**W-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes____ No____ NA ✓ Init: MB

Coolers Unpacked/Checked by: MB Date: 8/26/16 NCRs (Y/N)? N

Event ID: NW-DIST-2016-08-26-02 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: