

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Customer: NW-DIST

Project ID: SMP

Requester: Michael King

Collected By: M. King, F. BUTERA

Field Report Prepared By: F. BUTERA

Sampling Agency: DEP-NWROC

Location	Location: Tom King Bayou Creek RQ-2017-04-10-35 (WBID 833)	G4NW0193 Field ID ↑ STORET ↓ 33030150	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 4/10/2017 Time 09:30	Eastern Central	Composite end Date	Time	Bottle Group(s) (See pg 2) FB	
Field ID			Matrix (type, e.g., Salt, Fresh, etc) FRESH	Diss. Oxygen 7.9	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		AC	
STORET #	Date: Time: CST		Temp (C) 19.0	pH 5.3	Sample Depth 0.3	Sp. Conductance (umho/cm) 89			
Latitude	☐ dd ☐ dms	☐ dd ☐ dms	Salinity (ppt) 0.0	Comments					
Location	Location: Dean Creek upstream of SR 87 RQ-2017-04-10-35 (WBID 683)	G4NW0362 Field ID ↑ STORET ↓ G4NW0362	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 4/10/2017 Time 10:15	Eastern Central	Composite end Date	Time	Bottle Group(s) (See pg 2) FB	
Field ID			Matrix (type, e.g., Salt, Fresh, etc) FRESH	Diss. Oxygen 9.4	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		AC	
STORET #	Date: Time: CST		Temp (C) 15.9	pH 4.7	Sample Depth 0.3	Sp. Conductance (umho/cm) 24			
Latitude	☐ dd ☐ dms	☐ dd ☐ dms	Salinity (ppt) 0.0	Comments					
Location	Location: Boiling Creek above E.R. 211 (Units F-1, F-2, F-3) RQ-2017-04-10-35 (WBID 517)	G4NW0342 Field ID ↑ STORET ↓ G4NW0342	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 4/10/2017 Time 10:55	Eastern Central	Composite end Date	Time	Bottle Group(s) (See pg 2) FB	
Field ID			Matrix (type, e.g., Salt, Fresh, etc) FRESH	Diss. Oxygen 9.0	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		AC	
STORET #	Date: Time: CST		Temp (C) 18.5	pH 5.4	Sample Depth 0.3	Sp. Conductance (umho/cm) 17			
Latitude	☐ dd ☐ dms	☐ dd ☐ dms	Salinity (ppt) 0.0	Comments					
Location	Location: Blackwater R. above Bryant Branch Rd. RQ-2017-04-10-35 (WBID 24C)	G4NW0413 Field ID ↑ STORET ↓ G4NW0413	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 4/10/2017 Time 11:40	Eastern Central	Composite end Date	Time	Bottle Group(s) (See pg 2) FB	
Field ID			Matrix (type, e.g., Salt, Fresh, etc) FRESH	Diss. Oxygen 9.0	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		A	
STORET #	Date: Time: CST		Temp (C) 17.1	pH 5.2	Sample Depth 0.3	Sp. Conductance (umho/cm) 23			
Latitude	☐ dd ☐ dms	☐ dd ☐ dms	Salinity (ppt) 0.0	Comments metals					

Relinquished By: [Signature]	Date/Time: 4/10/2017	Shipping Method: Fed Ex	Number of Coolers Shipped: 3	Received By: [Signature]	Date/Time: 4-11-17/9:55
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Group: A	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	42
	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	42
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	42
	W-ICP W-ICPMS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	42
	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	42
	W-PO4-F						
Group: B	Bottle Type:	BG-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	W-AHERB-AA W-GLYPH W-SUC-AA-R W-UHERB-AA						
Group: B	Bottle Type:	BG-500ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	W-CT-CI-R W-PCL-SQ-R						
Group: B	Bottle Type:	BG-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	W-PSNP-TQ						
Group: B	Bottle Type:	BG-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	

Central Laboratory Submittal Form

Customer: NW-DIST

Project ID: SMP

Requester: Michael King

Collected By: M. King, F. BUTERA

Field Report Prepared By: F. BUTERA

Sampling Agency: DEP - NWROC

Location	Location: West Fk. @ Hwy 87		G4NW0017 Field ID STORET 33030029	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 4/10/2017 Time 12:40	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Field ID	RQ-2017-04-10-35 (WBID 11A)			Matrix (type, e.g., Salt, Fresh, etc)	FRESH	Diss. Oxygen 9.1	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
STORET #	Date: CST			Temp (C)	18.1	pH	5.9	Sample Depth 0.3
Latitude	☐ dd ☐ dms		☐ dd ☐ dms	Salinity (ppt)	0.0	Comments		
Location	Location: Sevenmile Ck. upstream Alderbrook Blvd		G4NW0345 Field ID STORET	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 4/10/2017 Time 13:45	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID	RQ-2017-04-10-35 (WBID 10G)			Matrix (type, e.g., Salt, Fresh, etc)	FRESH	Diss. Oxygen 8.9	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
STORET #	Date: CST			Temp (C)	19.3	pH	5.4	Sample Depth 0.2
Latitude	☐ dd ☐ dms		☐ 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
Latitude	☐ dd ☐ dms		☐ 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
Latitude	☐ dd ☐ dms		☐ dd ☐ dms	Salinity (ppt)		Comments		

Relinquished By: F. BUTERA	Date/Time: 4/10/2017	Shipping Method: Fed Ex	Number of Coolers Shipped: 3	Received By: [Signature]	Date/Time: 4-10-17/955
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Group: A	Bottle Type:	P-1L	# of Bottles: 2	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: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: A	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	HNO3	Enter Number of Bottles Sent to Lab _____
	W-ICP W-ICPMS					
Group: A	Bottle Type:	P-500ML	# of Bottles: 2	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: 2	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab _____
	W-PO4-F					
Group: B	Bottle Type:	BG-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	W-AHERB-AA W-GLYPH W-SUC-AA-R W-UHERB-AA					
Group: B	Bottle Type:	BG-500ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	W-CT-CI-R W-PCL-SQ-R					
Group: B	Bottle Type:	BG-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	W-PSNP-TQ					
Group: B	Bottle Type:	BG-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____

20-2017-04-10-35

Group: B Bottle Type: BG-1L # of Bottles: 1 Preservative: ICE Enter Number of Bottles Sent to Lab 1
W-PYR-AA-R

Group: C Bottle Type: P-1L # of Bottles: 1 Preservative: ICE Enter Number of Bottles Sent to Lab 2 9
ALKALINITY
TURBIDITY
W-CL-IC
W-COLOR
W-F
W-SO4-IC
W-TDS
W-TSS

Group: C Bottle Type: BP-1L # of Bottles: 1 Preservative: ICE Enter Number of Bottles Sent to Lab 2 9
CHLSUITE-W

Group: C Bottle Type: P-500ML # of Bottles: 1 Preservative: ICE And H2SO4 Enter Number of Bottles Sent to Lab 2 9
W-NH3
W-NO2NO3
W-S-A-TP
W-TKN
W-TOC

Group: C Bottle Type: P-125ML # of Bottles: 1 Preservative: ICE-FLTR Enter Number of Bottles Sent to Lab 2 9
W-PO4-F

Group: 8 Bottle Type: TEST HAS NO # of Bottles: 1 Preservative: ICE Enter Number of Bottles Sent to Lab 2
NW-UWF-ECQ BOTTLE

W-ICP
W-ICPMS # 1 Pres. ICE
P-500ML HW03

FB

Date of Request: 20-MAR-2017
 Created By: KING_M On: 20-MAR-2017
 Modified By: MATTHEWS_D On: 23-MAR-2017
 Customer: NW-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Northwest District
 Sampling Event: MILTON RUN WBID 10G 11A 24C 18

Send Coolers To:

Phone: 850-595-0605
 160 Government Center
 Suite 208
 Pensacola, FL 32502-5794
 Attn: Michael King

Program Module Number:
 Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 23-MAR-2017
 Biology Request Reviewed By: MATTHEWS_D On: 23-MAR-2017
 Sampling Kit Required: YES Ship on: 30-MAR-2017
 Sampling Kit Shipped: YES On: 30-MAR-2017
 Sampling Kit Packed By: GREENWOO_J
 Preservatives Needed: NO
 Date to Receive Samples: 10-APR-2017
 Received By: SHAIK_A On: 11-APR-2017

Send Final Report To:

160 Government Center
 Suite 308
 Pensacola, FL 32502-5794
 Attn: Cheryl Bunch

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

Comments: Group A: Freshwater Kit With Metals
 Group B: Pesticides

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: HNO ₃
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		

Bottle Group A (Water) With 2 Samples:

Bottle Type: P-500ML Number of Bottles: 2 Preserved With: HNO3
 W-ICPMS Template: (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects

Copper
 Lead
 Silver

Bottle Type: P-500ML Number of Bottles: 2 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: 2 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

Bottle Group B (Water) With 1 Samples:

Bottle Type: BG-1L Number of Bottles: 1 Preserved With: ICE
 W-AHERB-AA Template: (USGS O-2060-01) Chlorinated (phenoxy acid) herbicides in water matrices by HPLC/MS/MS
 W-GLYPH Template: DEFAULT (EPA 8321B) Glyphosate in water matrices by HPLC/MS/MS
 W-SUC-AA-R Template: DEFAULT (EPA 8321B) Analysis of sucralose in water matrices by HPLC/MS/MS
 W-UHERB-AA Template: DEFAULT (USGS O-2060-01) Urea herbicides and other chemicals in water matrices by HPLC/MS/MS
 Bottle Type: BG-500ML Number of Bottles: 4 Preserved With: ICE
 W-CT-CI-R Template: DEFAULT (EPA 8276) Organochlorine pesticides in water matrices by GC/MS with Negative Chemical Ionization
 W-PCL-SQ-R Template: DEFAULT (EPA 8270D) Organochlorine pesticides in water matrices by GC/MS-SIM
 Bottle Type: BG-1L Number of Bottles: 4 Preserved With: ICE
 W-PSNP-TQ Template: DEFAULT (EPA 8270D) Organonitrogen and phosphorus pesticides (ultra trace level) in water matrices by GC/MS/MS
 Bottle Type: BG-1L Number of Bottles: 1 Preserved With: ICE
 W-PYR-AA-R Template: DEFAULT (EPA 8321B) Pyraclostrobin in water matrices by HPLC/MS/MS

Bottle Group C (Water) With 1 Samples:

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

Bottle Group D (Water) With 1 Samples:

Bottle Type: TEST HAS NO Number of Bottles: 1 Preserved With: ICE
 NW-UWF-ECQ Template: DEFAULT (SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method by UWF Overflow Laboratory for NWD

* - The laboratory is not NELAP certified for this analyte/method, or certification is not applicable.

Log-in Checklist

RQ- 2017-04-10-35

Shipping Method: Fed Exp

Date/Time of Receipt: 04-11-17/9:55

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	2.0c	10		/			8111 7111 3317
BLUE	1.6c	14		/			8113 0562 4231
Red	2-3c	12		/			8113 0562 4220

*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: ABP

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

Coolers Unpacked/Checked by: ABP Date: 4-11-17

NCRs (Y/N)? ☒

Event ID: MILTON RUN WBID 10G 11A 24C 18

NCR #

NW-DIST-2017-04-11-01 (SMP)

Date Received: 11-APR-2017 09:55

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: