

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Customer: NW-DIST

Requester: Michael King

Field Report Prepared By: MIKE KING

Project ID: SMP

Collected By: MIKE KING / FRANK BUTKA

Sampling Agency: FDEP

Lo	Location: ESCAMBIA R		G4NW0006	☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s) (See pg 2)
Field	MOUTH WMS DITCH		Field ID ↑	☒ Grab	Date	Central	Date	
ST	RQ-2016-04-18-51(WBID 10D)		STORET ↓	Matrix (type, e.g., Salt, Fresh, etc)	Time	Diss. Oxygen	☐ mg/L	
	Date: 4/26		33020045	Temp (C)	pH	77	☒ % sat	
	Time: 1045 CST			Sample Depth	0.3	70	Sp. Conductance (umho/cm)	A
Latitude	☐ dd	Longitude	☐ dms	☐ dd	Salinity (ppt)	0.0	Comments: Bottles incorrectly marked as 1145 should be 1045	
	☐ dms		☐ dms					
Lo	Location: ESCAMBIA RIVER		G4NW0005	☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s)
Field	HWY 184 BR		Field ID ↑	☒ Grab	Date	Central	Date	
ST	RQ-2016-04-18-51(WBID 10D)		STORET ↓	Matrix (type, e.g., Salt, Fresh, etc)	Time	Diss. Oxygen	☐ mg/L	
	Date: 4/26		33020007	Temp (C)	pH	78	☒ % sat	
	Time: 1100 CST			Sample Depth	0.3	71	Sp. Conductance (umho/cm)	A
Latitude	☐ dd	Longitude	☐ dms	☐ dd	Salinity (ppt)	0.0	Comments	
	☐ dms		☐ dms					
Lo	Location: ESCAMBIA R		G4NW0007	☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s)
Field	AT BEAVER DAM L		Field ID ↑	☒ Grab	Date	Central	Date	
ST	RQ-2016-04-18-51(WBID 10D)		STORET ↓	Matrix (type, e.g., Salt, Fresh, etc)	Time	Diss. Oxygen	☐ mg/L	
	Date: 4/26		33020043	Temp (C)	pH	79	☒ % sat	
	Time: 1120 CST			Sample Depth	0.3	72	Sp. Conductance (umho/cm)	A
Latitude	☐ dd	Longitude	☐ dms	☐ dd	Salinity (ppt)	0.0	Comments	
	☐ dms		☐ dms					
Lo	Location: ESCAMBIA RIV		G4NW0222	☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s)
Field	ABOVE DELANEY R		Field ID ↑	☒ Grab	Date	Central	Date	
ST	RQ-2016-04-18-51(WBID 10D)		STORET ↓	Matrix (type, e.g., Salt, Fresh, etc)	Time	Diss. Oxygen	☐ mg/L	
	Date: 4/26		33020042	Temp (C)	pH	78	☒ % sat	
	Time: 1140 CST			Sample Depth	0.3	72	Sp. Conductance (umho/cm)	A
Latitude	☐ dd	Longitude	☐ dms	☐ dd	Salinity (ppt)	0.0	Comments	
	☐ dms		☐ dms					

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
	4/26/16 1600	FedEx	2		4/27/16 9:20

Group: A Bottle Type: P-1L # of Bottles: 8 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: 8 Preservative: ICE Enter Number of Bottles Sent to Lab 4

BOD-UNIN

Group: A Bottle Type: BP-1L # of Bottles: 8 Preservative: ICE Enter Number of Bottles Sent to Lab 4

CHLSUITE-W

Group: A Bottle Type: P-500ML # of Bottles: 8 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: 8 Preservative: ICE-FLTR Enter Number of Bottles Sent to Lab 4

W-PO4-F

Florida Department of Environmental Protection
Central Laboratory Submittal Form

WBID 10D 10E

Customer: NW-DIST

Requester: Michael King

Field Report Prepared By:

MIKE KING

Project ID: SMP

Collected By: MIKE KING / FRANK BUTORN

Sampling Agency:

FDCR

Loc:	Location: UPPER ESCAMBIA RIVER @ POWER LINES		G4NW0185 Field ID ↑ STORET ↓ 33020169		☐ Comp ☒ Grab		Collection (comp begin or grab) Date	Eastern Central	Composite end Date	Time	Bottle Group(s) (See pg 2)
Field	RQ-2016-04-18-51(WBID 10E)				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)		A
STC	Date: 4/24 Time: 1250 CST				Temp (C) 22.3		pH 6.9	Sample Depth 0.3	Sp. Conductance (umho/cm) 75		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 0.0	Comments						
Loc:	Location: UPPER ESCAMBIA RIVER @ POWER LINES		G4NW0185DUPLICATE Field ID ↑ STORET ↓ 33020169		☐ Comp ☒ Grab		Collection (comp begin or grab) Date	Eastern Central	Composite end Date	Time	Bottle Group(s)
Field	RQ-2016-04-18-51(WBID 10E)				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)		A
STC	Date: 4/26 Time: 1255 CST				Temp (C)		pH	Sample Depth	Sp. Conductance (umho/cm)		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments						
L	Location: Escambia River		FIELD BLANK Field ID ↑		☐ Comp ☒ Grab		Collection (comp begin or grab) Date	Eastern Central	Composite end Date	Time	Bottle Group(s)
F	RQ-2016-04-18-51				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)		A
S	Date: 4/26 Time: 1300 CST				Temp (C)		pH	Sample Depth	Sp. Conductance (umho/cm)		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments						
Location					☐ Comp ☐ Grab		Collection (comp begin or grab) Date	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	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
	4/26/16 1600	FEDEX	2	C	4/27/16 9:20

Group: A	Bottle Type:	P-1L	# of Bottles: 8	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>3</u>
----------	--------------	------	-----------------	---------------	-----	-------------------------------------	----------

ALKALINITY
TURBIDITY
W-CL-IC
W-COLOR
W-F
W-SO4-IC
W-TDS
W-TSS

Group: A	Bottle Type:	P-1L	# of Bottles: 8	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>0</u>
----------	--------------	------	-----------------	---------------	-----	-------------------------------------	----------

BOD-UNIN

Group: A	Bottle Type:	BP-1L	# of Bottles: 8	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>3</u>
----------	--------------	-------	-----------------	---------------	-----	-------------------------------------	----------

CHLSUITE-W

Group: A	Bottle Type:	P-500ML	# of Bottles: 8	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	<u>3</u>
----------	--------------	---------	-----------------	---------------	---------------	-------------------------------------	----------

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

Group: A	Bottle Type:	P-125ML	# of Bottles: 8	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab	<u>3</u>
----------	--------------	---------	-----------------	---------------	----------	-------------------------------------	----------

W-PO4-F

Date of Request: 04-APR-2016
 Created By: KING_M On: 04-APR-2016
 Modified By: SWANSON_C On: 05-APR-2016
 Customer: NW-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Northwest District
 Sampling Event: WBID 10D 10E

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: 05-APR-2016
 Biology Request Reviewed By: SWANSON_C On: 05-APR-2016
 Sampling Kit Required: YES Ship on: 11-APR-2016
 Sampling Kit Shipped: YES On: 08-APR-2016
 Sampling Kit Packed By: BOWDEN_M
 Preservatives Needed: YES
 Date to Receive Samples: 18-APR-2016
 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: 4 - cases of sulfuric acid

Bottle Group A (Water) With 8 Samples:

Bottle Type: P-1L	Number of Bottles: 8	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-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: 8	Preserved With: ICE
BOD-UNIN	Template: DEFAULT	(SM 5210 B) BOD, NOT nitrogen-inhibited
Bottle Type: BP-1L	Number of Bottles: 8	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: 8	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: 8	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

Log-in Checklist

RQ- 2016-04-18-51

Shipping Method: Fedex

Date/Time of Receipt: 4/27/16

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	2.1	12		☒			8085 0982 9759
Red	1.9	16		☒			8085 0982 9748

*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: W

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

Coolers Unpacked/Checked by: C Date: 4/27/16

NCRs (Y/N)? N

Event ID: NW-DIST-2016-04-27-01

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 – Methyl Mercury Preservation Check:

Samples Preserved within 48 hours? Yes _____ No _____

Date and time samples preserved: _____

Additional Comments: