

SMP

Central Laboratory Submittal Form

last revised Nov 10, 2015

Customer: NW-DIST

Requester: Michael King

Field Report Prepared By: *N. M. King*

Project ID: SMP

Collected By: *Rick Alford / Nathan Milkey*

Sampling Agency: _____

Location: Boggy Creek Hwy 97A RQ-2016-01-18-36 Date: <i>0950</i> CST Time: <i>0950</i> CST	G5NW0009 Field ID ↑ STORET ↓ 33010056	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <i>11/19/16</i> Time <i>0950</i>	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2) <i>A</i>
Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen <i>9.7</i>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)			
Temp (C) <i>11.0</i>	pH <i>6.5</i>	Sample Depth <i>0.2</i>	Sp. Conductance (umho/cm) <i>37</i>			
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) ☐ dd ☐ dms	Comments			
Location: Mitchell Creek @ Camp Rd RQ-2016-01-18-36 Date: <i>1030</i> CST Time: <i>1030</i> CST	G4NW0114 Field ID ↑ STORET ↓ 33020075	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <i>11/19/16</i> Time <i>1030</i>	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2) <i>A</i>
Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen <i>10.2</i>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)			
Temp (C) <i>7.8</i>	pH <i>6.0</i>	Sample Depth <i>0.1</i>	Sp. Conductance (umho/cm) <i>24</i>			
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) ☐ dd ☐ dms	Comments			
Location: Mitchell Creek @ HWY 29 RQ-2016-01-18-36 Date: <i>1100</i> CST Time: <i>1100</i> CST	G4NW0116 Field ID ↑ STORET ↓ 33020140	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <i>11/19/16</i> Time <i>1100</i>	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2) <i>A</i>
Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen <i>11.0</i>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)			
Temp (C) <i>8.8</i>	pH <i>6.0</i>	Sample Depth <i>0.3</i>	Sp. Conductance (umho/cm) <i>19</i>			
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) ☐ dd ☐ dms	Comments			
Location: McCostill Mill Creek Ebenezer Rd RQ-2016-01-18-36 Date: <i>1335</i> CST Time: <i>1335</i> CST	G4NW0320 Field ID ↑ STORET ↓ 33020147	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <i>11/19/16</i> Time <i>1335</i>	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2) <i>A</i>
Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen <i>9.6</i>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)			
Temp (C) <i>14.8</i>	pH <i>5.3</i>	Sample Depth <i>0.2</i>	Sp. Conductance (umho/cm) <i>42</i>			
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) ☐ dd ☐ dms	Comments			

Relinquished By: <i>[Signature]</i>	Date/Time: <i>11/19/16</i>	Shipping Method: <i>Fed Ex</i>	Received By: _____	Date/Time: _____	Relinquished By: _____	Date/Time: _____	Received By: <i>UB</i>	Date/Time: <i>11/24/16/9:05</i>
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Group: A	Bottle Type:	P-1L	# of Bottles: 8	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>4</u>
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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>4</u>
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BOD-UNIN

Group: A	Bottle Type:	BP-1L	# of Bottles: 8	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>4</u>
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CHLSUITE-W

Group: A	Bottle Type:	P-500ML	# of Bottles: 8	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	<u>4</u>
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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>4</u>
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W-PO4-F

SMP

Central Laboratory Submittal Form

last revised Nov 10, 2015

Customer: NW-DIST

Requester: Michael King

Field Report Prepared By: N. Malyk

Project ID: SMP

Collected By: Rick Abel / Nathan MalykSampling Agency: FDEP

Location	Location: Canoe Creek	G4NW0201	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 11/19/16 Time 1120	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Field ID	Above Hwy 29	Field ID ↑ STORET ↓	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 10.6	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
STORE	Date: 1120 CST	33020107	Temp (C) 10.1	pH 6.4	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 33
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments		
Location	Location: Canoe Creek	G4NW0202	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 11/19/16 Time 1245	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID	above Bratt Rd	Field ID ↑ STORET ↓	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 10.4	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
STORE	Date: 1245 CST	33020038	Temp (C) 10.4	pH 6.3	Sample Depth 0.1	☐ ft ☒ m	Sp. Conductance (umho/cm) 34
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments		
Location	Location: Canoe Creek	G4NW0280	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 11/19/16 Time 1150	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID	CR-4	Field ID ↑ STORET ↓	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 10.2	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
STORE	Date: 1150 CST	33020002	Temp (C) 10.6	pH 6.4	Sample Depth 0.1	☐ ft ☒ m	Sp. Conductance (umho/cm) 37
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments		
Location	Location: Canoe Creek	G4NW0282	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 11/19/16 Time 1215	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID	CR-168	Field ID ↑ STORET ↓	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 9.8	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
STORE	Date: 1215 CST	33020111	Temp (C) 12.0	pH 6.1	Sample Depth 0.2	☐ ft ☒ m	Sp. Conductance (umho/cm) 55
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments		

Relinquished By: <u>[Signature]</u>	Date/Time: 11/19/16	Shipping Method: <u>Fed Ex</u>	Received By: <u>[Signature]</u>	Date/Time: 11/21/16/9:05
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Group: A	Bottle Type:	P-1L	# of Bottles: 8	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:	P-1L	# of Bottles: 8	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	BOD-UNIN					
Group: A	Bottle Type:	BP-1L	# of Bottles: 8	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: A	Bottle Type:	P-500ML	# of Bottles: 8	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: 8	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab _____
	W-PO4-F					

WBID

last revised Nov 10, 2015

Central Laboratory Submittal Form

Customer: NW-DIST

Requester: Michael King

Field Report Prepared By: N. Mulkey

Project ID: SMP

Collected By: Rick Alford / Nathan Mulkey

Sampling Agency: FDEP

Loc:	Location: Bray Mill Creek	G4NW0066	☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s)
Field	North of Oil Plant Road	Field ID ↑	☒ Grab	Date 1/19/16 Time 1410	Central	Date Time	(See pg 2)
STC	RQ-2016-01-18-36	STORET ↓		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
Date:	1410 CST	33020232		Temp (C) 16.1	pH 5.7	Sample Depth 2	Sp. Conductance (umho/cm) 86
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments		
Loc:	Location: Moore Creek	G4NW0355	☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s)
Field	above Mineral Springs Rd	Field ID ↑	☒ Grab	Date 1/19/16 Time 1505	Central	Date Time	(See pg 2)
STC	RQ-2016-01-18-36	STORET ↓		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
Date:	1505 CST	G4NW0321		Temp (C) 12.5	pH 6.1	Sample Depth 2	Sp. Conductance (umho/cm) 46
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments		
Location			☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s)
Field ID			☐ Grab	Date Time	Central	Date Time	
STORET #				Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)
Location			☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s)
Field ID			☐ Grab	Date Time	Central	Date Time	
STORET #				Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)
Location			☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s)
Field ID			☐ Grab	Date Time	Central	Date Time	
STORET #				Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)

Relinquished By:	Date/Time	Shipping Method	Received By:	Date/Time	Relinquished By:	Date/Time	Received By:	Date/Time
Paul M...	1/19/16	Fed Ex					MB	1/24/16/9:05

Group: A	Bottle Type:	P-1L	# of Bottles: 8	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>2</u>
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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>2</u>
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BOD-UNIN

Group: A	Bottle Type:	BP-1L	# of Bottles: 8	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>2</u>
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CHLSUITE-W

Group: A	Bottle Type:	P-500ML	# of Bottles: 8	Preservative: ICE And H2SO4		Enter Number of Bottles Sent to Lab	<u>2</u>
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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>2</u>
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W-PO4-F

Date of Request: 04-JAN-2016
 Created By: KING_M On: 04-JAN-2016
 Modified By: MILLER_EB On: 05-JAN-2016
 Customer: NW-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Northwest District
 Sampling Event: SMP

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: 05-JAN-2016
 Biology Request Reviewed By: MILLER_EB On: 05-JAN-2016
 Sampling Kit Required: YES Ship on: 08-JAN-2016
 Sampling Kit Shipped: YES On: 06-JAN-2016
 Sampling Kit Packed By: KITCHEN_S
 Preservatives Needed: NO
 Date to Receive Samples: 18-JAN-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 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 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: 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 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: 8	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- 2016-01-18-36

Shipping Method: Fedex

Date/Time of Receipt: 1-21-16/9:05

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	1.1	20		✓			1182198630750
Red	1.4	18		✓			809234360750
Red	0.7	16		✓			1182198631965

*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: 1-21-16 NCRs (Y/N)? Y

Event ID: NW-DIST-2016-01-21-01 NCR # 5665

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: