

WBID 76 40A 101 35A 269

Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: NW-DIST

Requester: Michael King

Field Report Prepared By: MIKE KING

Project ID: SMP

Collected By: MIKE KING / Nathan MURPHYSampling Agency: FDEP NW ROC

Location: West Sandy Cr at Old Landfill Rd south of Spradlin Rd RQ-2016-10-03-51(WBID 269) Date: <u>10/4/16</u> Time: <u>10:20</u> CST	G3NW0054 Field ID ↑ STORET ↓ G3NW0054	☐ 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, <u>Fresh</u> , etc)	Diss. Oxygen <u>80</u>	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)
		Temp (C) <u>21.1</u>	pH <u>6.4</u>	Sample Depth <u>0.2</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>52</u>
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) <u>0.0</u>	Comments			
Location: West Sandy Cr at CR 183 RQ-2016-10-03-51(WBID 269) Date: <u>10/4/16</u> Time: <u>10:50</u> CST	G3NW0053 Field ID ↑ STORET ↓ 32020118	☐ Comp ☒ Grab	Collection (comp begin or grab) Date _____ Time _____	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s)
			Matrix (type, e.g., Salt, <u>Fresh</u> , etc)	Diss. Oxygen <u>93</u>	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)
		Temp (C) <u>20.2</u>	pH <u>6.7</u>	Sample Depth <u>0.2</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>37</u>
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) <u>0.0</u>	Comments			
Location: Natural Bridge Creek CR 181 RQ-2016-10-03-51(WBID 40A) Date: <u>10/4/16</u> Time: <u>11:30</u> CST	G3NW0082 Field ID ↑ STORET ↓ 32020070	☐ Comp ☒ Grab	Collection (comp begin or grab) Date _____ Time _____	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s)
			Matrix (type, e.g., Salt, <u>Fresh</u> , etc)	Diss. Oxygen <u>76</u>	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)
		Temp (C) <u>19.9</u>	pH <u>7.5</u>	Sample Depth <u>0.2</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>129</u>
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) <u>0.1</u>	Comments			
Location: Long Creek upstream of CR2 RQ-2016-10-03-51(WBID 76) Date: <u>10/4</u> Time: <u>12:15</u> CST	G4NW0304 Field ID ↑ STORET ↓ G4NW0304	☐ Comp ☒ Grab	Collection (comp begin or grab) Date _____ Time _____	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s)
			Matrix (type, e.g., Salt, <u>Fresh</u> , etc)	Diss. Oxygen <u>79</u>	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)
		Temp (C) <u>20.3</u>	pH <u>6.9</u>	Sample Depth <u>0.2</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>38</u>
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) <u>0.0</u>	Comments			

Relinquished By: <u>[Signature]</u>	Date/Time <u>10/4/16</u>	Shipping Method <u>FDEP</u>	Number of Coolers Shipped: <u>2</u>	Received By: <u>MB</u>	Date/Time <u>10/5/16/10:28</u>
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Group: A	Bottle Type:	P-1L	# of Bottles: 7	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>4</u>
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 7	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>4</u>
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 7	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	<u>4</u>
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 7	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab	<u>4</u>
	W-PO4-F						

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Customer: NW-DIST

Requester: Michael King

Field Report Prepared By:

MIKE KING

Project ID: SMP

Collected By:

MIKE KING / Nathan Muirney

Sampling Agency:

FDEP NW ROC

Location: Pine Log Creek upstream of Long Road RQ-2016-10-03-51(WBID 101) Date: 10/4 Time: 1245 CST	G4NW0315 Field ID ↑ STORET ↓ G4NW0315	☐ 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 95	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)		
Temp (C) 20.7	pH 7.0	Sample Depth 0.2	☐ ft ☒ m	Sp. Conductance (umho/cm) 36	
Salinity (ppt) 0.0	Comments				
Latitude ☐ dd ☐ dms	Longitude	Salinity (ppt) 0.0	Comments		
Location: JUNIPER CR FLA 393 RQ-2016-10-03-51(WBID 35A) Date: 10/4 Time: 1300 CST	G4NW0349 Field ID ↑ STORET ↓ 33040035	☐ 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 98	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)		
Temp (C) 22.0	pH 6.8	Sample Depth 0.2	☐ ft ☒ m	Sp. Conductance (umho/cm) 34	
Salinity (ppt) 0.0	Comments				
Latitude ☐ dd ☐ dms	Longitude	Salinity (ppt) 0.0	Comments		
Location: Pine Log Creek CR-2 RQ-2016-10-03-51(WBID 101) Date: 10/4 Time: 1220 CST	G4NW0317 Field ID ↑ STORET ↓ 33040015	☐ 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) 20.4	pH 6.8	Sample Depth 0.2	☐ ft ☒ m	Sp. Conductance (umho/cm) 43	
Salinity (ppt) 0.0	Comments				
Latitude ☐ dd ☐ dms	Longitude	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	Salinity (ppt)	Comments		
Relinquished By:	Date/Time: 10/4/14	Shipping Method: FedEx	Number of Coolers Shipped: 2	Received By:	Date/Time: 10/5/16/10:28

Group: A	Bottle Type:	P-1L	# of Bottles: 7	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:	BP-1L	# of Bottles: 7	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>3</u>
	CHLSUITE-W						

Group: A	Bottle Type:	P-500ML	# of Bottles: 7	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: 7	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab	<u>3</u>
	W-PO4-F						

Date of Request: 21-SEP-2016
 Created By: KING_M On: 21-SEP-2016
 Modified By: MATTHEWS_D On: 27-SEP-2016
 Customer: NW-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Northwest ROC
 Sampling Event: WBID 76 40A 101 35A 269

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: A
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 22-SEP-2016
 Biology Request Reviewed By: MATTHEWS_D On: 27-SEP-2016
 Sampling Kit Required: NO Ship on:
 Sampling Kit Shipped:
 Sampling Kit Packed By:
 Preservatives Needed: NO
 Date to Receive Samples: 03-OCT-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: Laurel Hill Run

Bottle Group A (Water) With 7 Samples:

Bottle Type: P-1L	Number of Bottles: 7	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: 7	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: 7	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: 7	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- 2016-10-03-51

Shipping Method: Fedex

Date/Time of Receipt: 10/5/16/10:28

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	Yes	No		
Red	-0.5	12		✓			8104 1261 1505
Red	1.6	16		✓			8103 9283 4723

*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: MEB

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

Coolers Unpacked/Checked by: MEB Date: 10/5/16 NCRs (Y/N)? N

Event ID: NW-DIST-2016-10-05-02 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: