

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 Mulkey

Sampling Agency: FDEP

Location	Location: West Sandy Cr at Old Landfill Rd south of Spradlin Rd		G3NW0054 Field ID STORET G3NW0054	☐ Comp ☒ Grab	Collection (comp begin or grab) Date	Eastern Central	Composite end Date	Bottle Group(s) (See pg 2)
Field ID	RQ-2016-08-22-20(WBID 269)			Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 75	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)	
STORE	Date: 8/22/16 Time: 1005 CST			Temp (C) 26.2	pH 6.3	Sample Depth 0.2	Sp. Conductance (umho/cm) 50	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments			
Location	Location: West Sandy Cr at CR 183		G3NW0053 Field ID STORET 32020118	☐ Comp ☒ Grab	Collection (comp begin or grab) Date	Eastern Central	Composite end Date	Bottle Group(s)
Field	RQ-2016-08-22-20(WBID 269)			Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 90	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)	
STO	Date: 8/22/16 Time: 1035 CST			Temp (C) 25.5	pH 6.0	Sample Depth 0.2	Sp. Conductance (umho/cm) 30	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 0.0	Comments			
Location	Location: Natural Bridge Creek CR 181		G3NW0082 Field ID STORET 32020070	☐ Comp ☒ Grab	Collection (comp begin or grab) Date	Eastern Central	Composite end Date	Bottle Group(s)
Field	RQ-2016-08-22-20(WBID 40A)			Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 78.1	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)	
STOF	Date: 8/22/16 Time: 1120 CST			Temp (C) 23.1	pH 6.9	Sample Depth 0.2	Sp. Conductance (umho/cm) 83	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 0.0	Comments			
Location	Location: LONG CREEK ABV CAMPGROUND RD		G4NW0303 Field ID STORET 33040076	☐ Comp ☒ Grab	Collection (comp begin or grab) Date	Eastern Central	Composite end Date	Bottle Group(s)
Field	RQ-2016-08-22-20(WBID 76)			Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 57	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)	
STC	Date: 8/22/16 Time: 1150 CST			Temp (C) 24.7	pH 5.8	Sample Depth 0.2	Sp. Conductance (umho/cm) 47	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments			

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
	8/22/16 1600	FedEx	3	MB	8/23/16/10:15

Group: A	Bottle Type:	P-1L	# of Bottles: 11	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:	BP-1L	# of Bottles: 11	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 11	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: 11	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab	4
	W-PO4-F						

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Requester: Michael King

Field Report Prepared By: FDER MIKE KING

Project ID: SMP

Collected By: MIKE KING / NATHAN MURPHYSampling Agency: FDER NW REC

Location: Long Creek upstream of CR2 RQ-2016-08-22-20(WBID 76) Date: 8/22/16 Time: 1210 CST	G4NW0304 Field ID ↑ STORET ↓ G4NW0304	☐ 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 76		☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)	
Temp (C) 24.3	pH 5.7	Sample Depth 0.2	☐ ft ☒ m	Sp. Conductance (umho/cm) 49		
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 0.0	Comments			
Location: Pine Long Creek CR-2 RQ-2016-08-22-20(WBID 101) Date: 8/22/16 Time: 1225 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 84		☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)	
Temp (C) 24.3	pH 5.8	Sample Depth 0.2	☐ ft ☒ m	Sp. Conductance (umho/cm) 32		
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 0.0	Comments			
Location: Pine Long Creek Long Rd RQ-2016-08-22-20(WBID 101) Date: 8/22/16 Time: 1240 CST	G4NW0315 Field ID ↑ STORET ↓ G4NW0315	☐ 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 92		☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)	
Temp (C) 24.7	pH 5.9	Sample Depth 2.0	☐ ft ☒ m	Sp. Conductance (umho/cm) 29		
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 0.0	Comments			
Location: Long Creek Long Rd RQ-2016-08-22-20(WBID 76) Date: 8/22/16 Time: 1255 CST	G4NW0308 Field ID ↑ STORET ↓ G4NW0308	☐ 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) 24.8	pH 5.7	Sample Depth 0.2	☐ ft ☒ m	Sp. Conductance (umho/cm) 25		
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 0.0	Comments			

Relinquished By: <u>[Signature]</u>	Date/Time 8/22/16 1000	Shipping Method FDER	Number of Coolers Shipped: _____	Received By: <u>MLB</u>	Date/Time 8/23/16/10:15
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Group: A	Bottle Type:	P-1L	# of Bottles: 11	Preservative:	ICE	Enter Number of Bottles Sent to Lab	7
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 11	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 11	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	7
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 11	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab	4
	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 MurraySampling Agency: FDEP NWDC

Location	Field ID	STOR	Latitude	Longitude	Salinity (ppt)	Comments
Location: JUNIPER CR FLA 393 RQ-2016-08-22-20(WBID 35A) Date: 8/22/16 Time: 1320 CST	G4NW0349 Field ID STORET 33040035				0.0	
Location: Pond Creek in McCloud Bay at pipeline off Sunburst Drive RQ-2016-08-22-20(WBID 35A) Date: 8/22/16 Time: 1355 CST	G4NW0351 Field ID STORET G4NW0351				0.0	
Location: Pond Creek in McCloud Bay upstream of Lake Ella Road RQ-2016-08-22-20(WBID 35A) Date: 8/22/16 Time: 1335 CST	G4NW0350 Field ID STORET G4NW0350				0.0	
Location	Field ID	STOR	Latitude	Longitude	Salinity (ppt)	Comments
Location: Pond Creek in McCloud Bay upstream of Lake Ella Road RQ-2016-08-22-20(WBID 35A) Date: 8/22/16 Time: 1335 CST	G4NW0350 Field ID STORET G4NW0350				0.0	
Location	Field ID	STOR	Latitude	Longitude	Salinity (ppt)	Comments
Location: Pond Creek in McCloud Bay upstream of Lake Ella Road RQ-2016-08-22-20(WBID 35A) Date: 8/22/16 Time: 1335 CST	G4NW0350 Field ID STORET G4NW0350				0.0	

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
<u>[Signature]</u>	8/22/16 1100	FEDEX	3	NLB	8/20/16/1015

Group: A	Bottle Type:	P-1L	# of Bottles: 11	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 11	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 11	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	3
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 11	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab	3
	W-PO4-F						

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 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

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: KITCHEN_S
 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 11 Samples:**

Bottle Type: P-1L	Number of Bottles: 11	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: 11	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: 11	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: 11	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- 2016-08-22-20

Shipping Method: Fedex

Date/Time of Receipt: 8/23/16/10:15

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	-2.2	12		✓			8085 0983 5261
Red	-0.3	16		✓			8092 3436 0728
Red	-0.6	16		✓			8092 3436 0717

*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: 8/23/16 NCRs (Y/N)? N

Event ID: NW-DIST-2016-08-23-01 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 – 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: