

WBID 567 646 557 371 570

Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: NW-DIST

Requester: Michael King

Field Report Prepared By: N. Mulkey

Project ID: SMP

Collected By: Nathan Mulkey / Rick Abad

Sampling Agency: FDEP NWROC

Location	Location: SEVEN RUNS		G3NW0116	☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle
Field ID	7.5 MI N BRUCE HWY 81		Field ID	☒ Grab	Date 7/5/16	Time 1125	Date	Group(s)
STORE	RQ-2016-07-04-36(WBID 570)		STORET	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	mg/L	Total Res. Chlorine
Date:	Date:			Temp (C) 24.8		pH 4.5	% sat	(mg/L)
Time: 1125 CST	Time: 1125 CST			Sample Depth 0.3		ft	Sp. Conductance	(umho/cm)
						m	18	A
Latitude	☐ dd	Longitude	☐ dd	Salinity (ppt)		Comments		
	☐ dms		☐ dms					
Location	Location: Seven Runs		G3NW0115	☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle
Field ID	S. Tran Rd		Field ID	☒ Grab	Date 7/5/16	Time 1145	Date	Group(s)
STORE	RQ-2016-07-04-36(WBID 570)		STORET	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	mg/L	Total Res. Chlorine
Date:	Date:			Temp (C) 25.9		pH 4.9	% sat	(mg/L)
Time: 1145 CST	Time: 1145 CST			Sample Depth 0.3		ft	Sp. Conductance	(umho/cm)
						m	24	A
Latitude	☐ dd	Longitude	☐ dd	Salinity (ppt)		Comments		
	☐ dms		☐ dms					
Location	Location: Lafayette Creek		G3NW0118	☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle
Field ID	RQ-2016-07-04-36(WBID 646)		Field ID	☒ Grab	Date 7/5/16	Time 1240	Date	Group(s)
STORE	Date:		STORET	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	mg/L	Total Res. Chlorine
Time: 1240 CST	Time: 1240 CST			Temp (C) 26.1		pH 4.7	% sat	(mg/L)
				Sample Depth 0.3		ft	Sp. Conductance	(umho/cm)
						m	27	A
Latitude	☐ dd	Longitude	☐ dd	Salinity (ppt)		Comments		
	☐ dms		☐ dms					
Location	Location: FOURMILE CREEK		G3NW0112	☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle
Field ID	SR-20		Field ID	☒ Grab	Date 7/5/16	Time 1255	Date	Group(s)
STORE	RQ-2016-07-04-36(WBID 567)		STORET	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	mg/L	Total Res. Chlorine
Date:	Date:			Temp (C) 25.0		pH 4.5	% sat	(mg/L)
Time: 1255 CST	Time: 1255 CST			Sample Depth 0.3		ft	Sp. Conductance	(umho/cm)
						m	19	A
Latitude	☐ dd	Longitude	☐ dd	Salinity (ppt)		Comments		
	☐ dms		☐ dms					

Relinquished By:

Date/Time

Shipping Method

Number of Coolers Shipped:

Received By:

Date/Time

Nathan Mulkey

7/5/16

Fed Ex

2

MB

7/6/16/10:15

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:	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						

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Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: NW-DIST

Requester: Michael King

Field Report Prepared By: N. McKey

Project ID: SMP

Collected By: Nathan McKey / Rick AlfordSampling Agency: FOEP

Location	Location: MAGNOLIA CREEK Owls Head Rd		G3NW0099 Field ID ↑ STORET ↓ G3NW0099		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>7/5/16</u> Time <u>1330</u>	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)	
Field ID	RQ-2016-07-04-36(WBID 557) Date: _____ Time: <u>1330</u> CST				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen <u>7.5</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
STORET					Temp (C) <u>25.1</u>	pH <u>4.8</u>	Sample Depth <u>0.3</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>19</u>	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments					A
Location	Location: MAGNOLIA CREEK American Farms		G3NW0098 Field ID ↑ STORET ↓ G3NW0098		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>7/5/16</u> Time <u>1350</u>	Eastern Central	Composite end Date _____ Time _____		
Field ID	RQ-2016-07-04-36(WBID 557) Date: _____ Time: <u>1350</u> CST				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen <u>7.8</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
STORET					Temp (C) <u>29.1</u>	pH <u>5.3</u>	Sample Depth <u>0.3</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>19</u>	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments					A
Location					☐ Comp ☐ Grab	Collection (comp begin or grab) Date _____ Time _____	Eastern Central	Composite end Date _____ Time _____		
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	☐ dd ☐ dms	Salinity (ppt)	Comments					
Location					☐ Comp ☐ Grab	Collection (comp begin or grab) Date _____ Time _____	Eastern Central	Composite end Date _____ Time _____		
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	☐ dd ☐ dms	Salinity (ppt)	Comments					
Location					☐ Comp ☐ Grab	Collection (comp begin or grab) Date _____ Time _____	Eastern Central	Composite end Date _____ Time _____		
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	☐ dd ☐ dms	Salinity (ppt)	Comments					

Relinquished By: <u>[Signature]</u>	Date/Time: <u>7/5/16</u>	Shipping Method: <u>F-1 E</u>	Number of Coolers Shipped: <u>2</u>	Received By: <u>NMB</u>	Date/Time: <u>7/10/16/10:15</u>
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Group: A	Bottle Type:	P-1L	# of Bottles: 8	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>2</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: 8	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>2</u>
	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>
	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>
	W-PO4-F						

Date of Request: 14-JUN-2016
 Created By: KING_M On: 14-JUN-2016
 Modified By: MATTHEWS_D On: 20-JUN-2016
 Customer: NW-DIST
 Project: SMP
 Division:
 District: Northwest District
 Sampling Event: WBID 567 646 557 371 570

Send Coolers To:

Phone: SC-695-8300
 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: A
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 17-JUN-2016
 Biology Request Reviewed By: MATTHEWS_D On: 20-JUN-2016
 Sampling Kit Required: NO Ship on:
 Sampling Kit Shipped:
 Sampling Kit Packed By:
 Preservatives Needed: NO
 Date to Receive Samples: 04-JUL-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 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: 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- 2016-07-04-36

Shipping Method: Fedex

Date/Time of Receipt: 10:15am 07/06/16

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	2.8	12		✓			810019174811
Red	2.7	12		✓			810019174820

*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: JK Date: 07/06/16 NCRs (Y/N)? N

Event ID: NW-DIST-2016-07-06-01 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: