

Central Laboratory Submittal Form

Customer: NW-DIST

Requester: Michael King

Field Report Prepared By: N. Mulkey

Project ID: SMP

Collected By: Nathan Mulkey / Mike KingSampling Agency: FDOP NWRC

Location	Location: ATE CREEK NE OF BRYANT BRDG RD 100M ABV BLKWTR	G4NW0332 Field ID STORET 33030096	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>1/17/17</u> Time <u>1040</u>	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Field ID	RQ-2017-01-09-47(WBID 271)			Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen <u>8.4</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
STORE	Date: Time: <u>1040</u> CST			Temp (C) <u>17.6</u>	pH <u>5.7</u>	Sample Depth <u>0.2</u>	Sp. Conductance (umho/cm) <u>28</u>
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments		
Location	Location: Panther Creek upstream of High Bridge Road	G4NW0297 Field ID STORET G4NW0297	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>1/17/17</u> Time <u>1125</u>	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID	RQ-2017-01-09-47(WBID 27)			Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen <u>9.0</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
STORET #	Date: Time: <u>1125</u> CST			Temp (C) <u>15.9</u>	pH <u>5.0</u>	Sample Depth <u>0.2</u>	Sp. Conductance (umho/cm) <u>25</u>
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments		
Location	Location: BIG HORSE CREEK S.R.2 OKA.CO.	G4NW0299 Field ID STORET 33040014	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>1/17/17</u> Time <u>1215</u>	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID	RQ-2017-01-09-47(WBID 28)			Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen <u>9.2</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
STORE	Date: Time: <u>1215</u> CST			Temp (C) <u>16.0</u>	pH <u>5.6</u>	Sample Depth <u>0.3</u>	Sp. Conductance (umho/cm) <u>28</u>
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments		
Location	Location: BEAR CREEK @ FOREST RD .7MI W OF BEAR LK	G4NW0380 Field ID STORET 33030097	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>1/17/17</u> Time <u>1230</u>	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID	RQ-2017-01-09-47(WBID 179)			Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen <u>8.1</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
STORET	Date: Time: <u>1230</u> CST			Temp (C) <u>8.1</u>	pH <u>5.9</u>	Sample Depth <u>0.2</u>	Sp. Conductance (umho/cm) <u>29</u>
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments		

Relinquished By: <u>N. Mulkey</u>	Date/Time: <u>1/17/17</u>	Shipping Method: <u>Fed Ex</u>	Number of Coolers Shipped: <u>2</u>	Received By: <u>[Signature]</u>	Date/Time: <u>1-18-17/1955</u>
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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

Central Laboratory Submittal Form

Customer: NW-DIST

Requester: Michael King

Field Report Prepared By: N. M. King

Project ID: SMP

Collected By: Nathan Mulky / Mike KingSampling Agency: FWDEP NWROC

Location	Location: Sweetwater Creek upstream of HWY 4		G4NW0293 Field ID STORET G4NW0293		☒ Comp ☒ Grab	Collection (comp begin or grab) Date <u>1/17/17</u> Time <u>1245</u>	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)	
Field ID	RQ-2017-01-09-47(WBID 21)				Matrix (type, e.g., Salt (Fresh) etc)		Diss. Oxygen <u>9.1</u> mg/L % sat	Total Res. Chlorine (mg/L)	A	
STORET	Date: Time: <u>1245</u> CST				Temp (C) <u>16.8</u>	pH <u>5.1</u>	Sample Depth <u>0.2</u> ft m	Sp. Conductance (umho/cm) <u>20</u>		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments					
Location	Location: Big Juniper Creek @ Munson HWY South of HWY 4		G4NW0287 Field ID STORET G4NW0287		☒ Comp ☒ Grab	Collection (comp begin or grab) Date <u>1/17/17</u> Time <u>1300</u>	Eastern Central	Composite end Date Time	Bottle Group(s)	
Field ID	RQ-2017-01-09-47(WBID 19)				Matrix (type, e.g., Salt (Fresh) etc)		Diss. Oxygen <u>9.0</u> mg/L % sat	Total Res. Chlorine (mg/L)	A	
STORET	Date: Time: <u>1300</u> CST				Temp (C) <u>17.3</u>	pH <u>5.3</u>	Sample Depth <u>0.2</u> ft m	Sp. Conductance (umho/cm) <u>21</u>		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments					
Location	Location: West Fork @ Hwy 87		G4NW0017 Field ID STORET 33030029		☒ Comp ☒ Grab	Collection (comp begin or grab) Date <u>1/17/17</u> Time <u>1335</u>	Eastern Central	Composite end Date Time	Bottle Group(s)	
Field ID	RQ-2017-01-09-47(WBID 11A)				Matrix (type, e.g., Salt (Fresh) etc)		Diss. Oxygen <u>8.8</u> mg/L % sat	Total Res. Chlorine (mg/L)	A	
STORET	Date: Time: <u>1335</u> CST				Temp (C) <u>18.2</u>	pH <u>5.6</u>	Sample Depth <u>0.2</u> ft m	Sp. Conductance (umho/cm) <u>44</u>		
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	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	☐ dd ☐ dms	Salinity (ppt)	Comments					

Relinquished By: <u>Nathan Mulky</u>	Date/Time: <u>1/17/17</u>	Shipping Method: <u>Fed Ex</u>	Number of Coolers Shipped: <u>2</u>	Received By: <u>AD</u>	Date/Time: <u>1-18-17/9:55</u>
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Group: A	Bottle Type:	P-1L	# of Bottles: 8	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>3</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:	BP-1L	# of Bottles: 8	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>3</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>3</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>3</u>
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W-PO4-F

Date of Request: 05-JAN-2017
 Created By: KING_M On: 05-JAN-2017
 Modified By: MATTHEWS_D On: 06-JAN-2017
 Customer: NW-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Northwest ROC
 Sampling Event: SRC run WBID 21 19 11A 27 271 179A 28 352

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: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 06-JAN-2017
 Biology Request Reviewed By: MATTHEWS_D On: 06-JAN-2017
 Sampling Kit Required: NO Ship on:
 Sampling Kit Shipped:
 Sampling Kit Packed By:
 Preservatives Needed: NO
 Date to Receive Samples: 09-JAN-2017
 Received By: SHAIK_A On: 18-JAN-2017

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:

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- 2017-01-09-47

Shipping Method: Red Exp

Date/Time of Receipt: 1-18-17/9:55

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	0.9C	12		/			8104 1402 1800
Red	1.4C	6		/			8104 1402 1796

*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			W-CT-CI-R		

PRESERVATION CHECK (EXCLUDING SAMPLES SENT TO OVERFLOW LABS, "OV-")

****Acid Preserved Samples:** pH ≤ 2.0? Yes / No NA Init:

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

Coolers Unpacked/Checked by: Date: 1-18-17 NCRs (Y/N)?

Event ID: SRC run WBID 21 19 11A 27 271 179 NCR #

NW-DIST-2017-01-18-01 (SMP)

Date Received: 18-JAN-2017 09:55

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: