

WBID 271 179 19 21

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 / Rick Asad

Sampling Agency: FDEP NW ROL

Location: Ates Creek Bryant Bridge RD RQ-2016-05-02-86(WBID 271) Date: 5/4/16 Time: 0935 CST	G4NW0332 Field ID ↑ STORET ↓ 33030096	☐ Comp ☒ Grab Collection (comp begin or grab) Date _____ Time _____ Matrix (type, e.g., Salt, <u>Fresh</u> , etc) Temp (C) 21.3 pH 6.1 Sample Depth 0.2 ☐ ft ☒ m Diss. Oxygen 8.6 ☐ mg/L ☒ % sat Total Res. Chlorine (mg/L) Sp. Conductance (umho/cm) 73	Eastern Central Composite end Date _____ Time _____ Bottle Group(s) (See pg 2) A
Latitude ☐ dd ☐ dms Longitude ☐ dd ☐ dms		Salinity (ppt) 0.0	Comments
Location: Big Juniper Creek upstream of Red Rock Road RQ-2016-05-02-86(WBID 19) Date: 5/4/16 Time: 1055 CST	G4NW0286 Field ID ↑ STORET ↓ G4NW0286	☐ Comp ☒ Grab Collection (comp begin or grab) Date _____ Time _____ Matrix (type, e.g., Salt, <u>Fresh</u> , etc) Temp (C) 20.5 pH 5.4 Sample Depth 0.3 ☐ ft ☒ m Diss. Oxygen 9.3 ☐ mg/L ☒ % sat Total Res. Chlorine (mg/L) Sp. Conductance (umho/cm) 17	Eastern Central Composite end Date _____ Time _____ Bottle Group(s) A
Latitude ☐ dd ☐ dms Longitude ☐ dd ☐ dms		Salinity (ppt) 0.0	Comments
Location: Big Juniper Creek @ Munson HWY South of HWY 4 RQ-2016-05-02-86(WBID 19) Date: 5/4/16 Time: 1115 CST	G4NW0287 Field ID ↑ STORET ↓ G4NW0287	☐ Comp ☒ Grab Collection (comp begin or grab) Date _____ Time _____ Matrix (type, e.g., Salt, <u>Fresh</u> , etc) Temp (C) 20.0 pH 5.5 Sample Depth 0.3 ☐ ft ☒ m Diss. Oxygen 9.3 ☐ mg/L ☒ % sat Total Res. Chlorine (mg/L) Sp. Conductance (umho/cm) 17	Eastern Central Composite end Date _____ Time _____ Bottle Group(s) A
Latitude ☐ dd ☐ dms Longitude ☐ dd ☐ dms		Salinity (ppt) 0.0	Comments
Location: Sweetwater Cr blw Sandy Landing Rd RQ-2016-05-02-86(WBID 21) Date: 5/4/16 Time: 1135 CST	G4NW0292 Field ID ↑ STORET ↓ 33030148	☐ Comp ☒ Grab Collection (comp begin or grab) Date _____ Time _____ Matrix (type, e.g., Salt, <u>Fresh</u> , etc) Temp (C) 20.3 pH 5.5 Sample Depth 0.3 ☐ ft ☒ m Diss. Oxygen 9.4 ☐ mg/L ☒ % sat Total Res. Chlorine (mg/L) Sp. Conductance (umho/cm)	Eastern Central Composite end Date _____ Time _____ Bottle Group(s) A
Latitude ☐ dd ☐ dms Longitude ☐ dd ☐ dms		Salinity (ppt) 0.0	Comments

Relinquished By:	Date/Time: 5/4/16 1600	Shipping Method: FedEx	Number of Coolers Shipped: 3	Received By: MB	Date/Time: 5/5/16/9:30
------------------	------------------------	------------------------	------------------------------	-----------------	------------------------

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:	P-1L	# of Bottles: 11	Preservative:	ICE	Enter Number of Bottles Sent to Lab	—
	BOD-UNIN						
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	7
	W-PO4-F						

WBID 271 179 19 21

Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: NW-DIST

Requester: Michael King

Field Report Prepared By:

Project ID: SMP

Collected By: MIKE KING / DICK ABAD

Sampling Agency: FDEP NW ROL

Location: BIG JUNIPER CR. AT AMOS CABRNISS RD RQ-2016-05-02-86(WBID 19) Date: 5/4/16 Time: 1155 CST	G4NW0289 Field ID STORET 33030068	☐ Comp ☒ Grab	Collection (comp begin or grab) Date	Eastern Central	Composite end Date	Bottle Group(s) (See pg 2)
Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 91		☐ mg/L ☒ % sat		Total Res. Chlorine (mg/L)
Temp (C) 20.1		pH 5.3		Sample Depth 0.3		Sp. Conductance (umho/cm) 16
Salinity (ppt) 2.0		Comments				
Location: BIG JUNIPER CR. Munson Hwy north of Hwy 4 RQ-2016-05-02-86(WBID 19) Date: 5/4/16 Time: 1225 CST	G4NW0290 Field ID STORET G4NW0290	☐ Comp ☒ Grab	Collection (comp begin or grab) Date	Eastern Central	Composite end Date	Bottle Group(s)
Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 89		☐ mg/L ☒ % sat		Total Res. Chlorine (mg/L)
Temp (C) 20.0		pH 5.3		Sample Depth 0.3		Sp. Conductance (umho/cm) 17
Salinity (ppt) 0.0		Comments				
Location: Sweetwater Cr Green Rd RQ-2016-05-02-86(WBID 21) Date: 5/4/16 Time: 1245 CST	G4NW0294 Field ID STORET 33030043	☐ Comp ☒ Grab	Collection (comp begin or grab) Date	Eastern Central	Composite end Date	Bottle Group(s)
Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 90		☐ mg/L ☒ % sat		Total Res. Chlorine (mg/L)
Temp (C) 20.0		pH 5.2		Sample Depth 0.3		Sp. Conductance (umho/cm) 17
Salinity (ppt) 0.0		Comments				
Location: Sweetwater Cr Hwy 4 RQ-2016-05-02-86(WBID 21) Date: 5/4/16 Time: 1310 CST	G4NW0293 Field ID STORET G4NW0293	☐ Comp ☒ Grab	Collection (comp begin or grab) Date	Eastern Central	Composite end Date	Bottle Group(s)
Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 94		☐ mg/L ☒ % sat		Total Res. Chlorine (mg/L)
Temp (C) 20.7		pH 5.4		Sample Depth 0.3		Sp. Conductance (umho/cm) 16
Salinity (ppt) 0.0		Comments				

Relinquished By:

Date/Time

Shipping Method

Number of Coolers Shipped:

Received By:

Date/Time

5/4 1600

Fedex

3

MB

5/5/16/9:30

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:	P-1L	# of Bottles: 11	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	BOD-UNIN						
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						

WBID 271 179 19 21

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 / RICK ABADSampling Agency: FRP NWDC

Location:	Bear Creek	G4NW0380	☐ Comp ☒ Grab	Collection (comp begin or grab) Date	Eastern Central	Composite end Date	Time	Bottle Group(s) (See pg 2)
Field ID	@ forest rd	Field ID ↑ STORET ↓ 33030097	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)		
STO	Date: 5/4/14 Time: 1325 CST		Temp (C) 23.3	pH 6.3	Sample Depth 0.3	Sp. Conductance (umho/cm) 24		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 0.0	Comments			
Location:	Bear Creek @ forest rd	G4NW0380 DUPLICATE	☐ Comp ☒ Grab	Collection (comp begin or grab) Date	Eastern Central	Composite end Date	Time	Bottle Group(s)
Field ID	RQ-2016-05-02-86(WBID 179)	Field ID ↑ STORET ↓ 33030097	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)		
STO	Date: 5/4/14 Time: 1330 CST		Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments			
Location:		FIELD BLANK	☐ Comp ☒ Grab	Collection (comp begin or grab) Date	Eastern Central	Composite end Date	Time	Bottle Group(s)
Field ID	RQ-2016-05-02-86	Field ID ↑	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)		
STO	Date: 5/4/14 Time: 1335 CST		Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments			
Location			☐ Comp ☐ Grab	Collection (comp begin or grab) Date	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	Sp. Conductance (umho/cm)		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments			

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
<u>[Signature]</u>	5/4 1600	FCDCX	3	MUB	5/5/16/9:30

Group: A	Bottle Type:	P-1L	# of Bottles: 11	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:	P-1L	# of Bottles: 11	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>—</u>
	BOD-UNIN						
Group: A	Bottle Type:	BP-1L	# of Bottles: 11	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>3</u>
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 11	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: 11	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab	<u>3</u>
	W-PO4-F						

Date of Request: 14-APR-2016
 Created By: KING_M On: 14-APR-2016
 Modified By: SWANSON_C On: 15-APR-2016
 Customer: NW-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Northwest District
 Sampling Event: WBID 271 179 19 21

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: 15-APR-2016
 Biology Request Reviewed By: SWANSON_C On: 15-APR-2016
 Sampling Kit Required: YES Ship on: 22-APR-2016
 Sampling Kit Shipped: YES On: 21-APR-2016
 Sampling Kit Packed By: LASHLEY_C
 Preservatives Needed: NO
 Date to Receive Samples: 02-MAY-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 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: 11	Preserved With: ICE
BOD-UNIN	Template: DEFAULT	(SM 5210 B) BOD, NOT nitrogen-inhibited
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 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: 11	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- 2016-05-02-86

Shipping Method: Fedex

Date/Time of Receipt: 5/5/16/9:30

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	-1.5	12		✓			8100	1917	5583
Red	-1.3	16		✓			8100	1917	5572
Red	-0.4	16		✓			8100	1917	5594

*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: 5/5/16 NCRs (Y/N)? N

Event ID: NW-DIST-2016-05-05-01 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: