

SMP

Central Laboratory Submittal Form

last revised Nov 10, 2015

Customer: NW-DIST

Requester: Michael King

Field Report Prepared By:

Rick Abad

Project ID: SMP

Collected By:

Nathan Mulkey Rick Abad

Sampling Agency:

NW RCE

Location	Location: Long Creek		G4NW0304	☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s)
Field ID	CR-2		Field ID ↑	☒ Grab	Date 1/20/2016 Time 1240	Central	Date Time	(See pg 2)
STORET #	Date: 1/20/2016 Time: 1240 CST		STORET ↓	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		A
				Fresh		mg/L Total Res. Chlorine (mg/L)		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)	
				8.6	5.9	0.3	37	
Location	Location: Long Creek		G4NW0303	☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s)
Field ID	abv Campground Rd		Field ID ↑	☒ Grab	Date 1/20/2016 Time 1330	Central	Date Time	(See pg 2)
STORET #	Date: 1/20/2016 Time: 1330 CST		STORET ↓	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		A
				Fresh		mg/L Total Res. Chlorine (mg/L)		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)	
				9.6	5.6	0.1	43	
Location	Location: Pond Creek in McCloud Bay Hwy 393		G4NW0349	☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s)
Field ID	RQ-2016-01-18-35		Field ID ↑	☒ Grab	Date 1/20/2016 Time 1500	Central	Date Time	(See pg 2)
STORET #	Date: 1/20/2016 Time: 1500 CST		STORET ↓	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		A
				Fresh		mg/L Total Res. Chlorine (mg/L)		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)	
				10.1	5.8	0.2	30	
Location	Location: Pond Creek in McCloud Bay Lake Ella Rd		G4NW0350	☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s)
Field ID	RQ-2016-01-18-35		Field ID ↑	☒ Grab	Date 1/20/2016 Time 1530	Central	Date Time	(See pg 2)
STORET #	Date: 1/20/2016 Time: 1530 CST		STORET ↓	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		A
				Fresh		mg/L Total Res. Chlorine (mg/L)		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)	
				9.7	6.0	0.3	32	

Relinquished By:	Date/Time	Shipping Method	Received By:	Date/Time	Relinquished By:	Date/Time	Received By:	Date/Time
Nathan Mulkey	1/20/16 1730	Fedex	CL	1/21/15 9:05				

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:	P-1L	# of Bottles: 8	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	BOD-UNIN						
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

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Customer: NW-DIST

Requester: Michael King

Field Report Prepared By: Rick Abad

Project ID: SMP

Collected By: Nathan Mulkey Rick Abad

Sampling Agency: NW REC

Location	Location: Pine Log Creek		G4NW0313	☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle
Field ID	Lumber Ridge Rd		Field ID ↑	☒ Grab	Date 1/20/2016 Time 1045	Central	Date Time	Group(s)
STORET #	Date: 1/20/2016 Time: 1045 CST		STORET ↓	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine (mg/L)
				Fresh		10.8		
	Temp (C) 8.9			pH 5.2		Sample Depth 0.1		Sp. Conductance (umho/cm) 23
						ft m		
Latitude	☐ dd	Longitude	☐ dd	Salinity (ppt) 0.0		Comments		
	☐ dms		☐ dms					
Location	Location: Pond Creek		G4NW0195	☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle
Field ID	@ CR 393		Field ID ↑	☒ Grab	Date 1/20/2016 Time 1120	Central	Date Time	Group(s)
STORET #	Date: 1/20/2016 Time: 1120 CST		STORET ↓	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine (mg/L)
				Fresh		11.0		
	Temp (C) 8.7			pH 5.7		Sample Depth 0.2		Sp. Conductance (umho/cm) 35
						ft m		
Latitude	☐ dd	Longitude	☐ dd	Salinity (ppt) 0.0		Comments		
	☐ dms		☐ dms					
Location	Location: Pine Log Creek		G4NW0317	☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle
Field ID	CR-2		Field ID ↑	☒ Grab	Date 1/20/2016 Time 1145	Central	Date Time	Group(s)
STORET #	Date: 1/20/2016 Time: 1145 CST		STORET ↓	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine (mg/L)
				Fresh		10.3		
	Temp (C) 9.2			pH 5.7		Sample Depth 0.1		Sp. Conductance (umho/cm) 28
						ft m		
Latitude	☐ dd	Longitude	☐ dd	Salinity (ppt) 0.0		Comments		
	☐ dms		☐ dms					
Location	Location: Pine Log Creek		G4NW0315	☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle
Field ID	Long Rd		Field ID ↑	☒ Grab	Date 1/20/2016 Time 1210	Central	Date Time	Group(s)
STORET #	Date: 1/20/2016 Time: 1210 CST		STORET ↓	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine (mg/L)
				Fresh		10.6		
	Temp (C) 10.1			pH 5.9		Sample Depth 0.2		Sp. Conductance (umho/cm) 25
						ft m		
Latitude	☐ dd	Longitude	☐ dd	Salinity (ppt)		Comments		
	☐ dms		☐ dms					

Relinquished By:	Date/Time	Shipping Method	Received By:	Date/Time	Relinquished By:	Date/Time	Received By:	Date/Time
Nathan Mulkey	1/20/2016 1730	Fedex	CR	1/21/15 9:05				

Group: A	Bottle Type: P-1L	# of Bottles: 8	Preservative: ICE	Enter Number of Bottles Sent to Lab	<u>4</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: P-1L	# of Bottles: 8	Preservative: ICE	Enter Number of Bottles Sent to Lab	<u>4</u>
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BOD-UNIN

Group: A	Bottle Type: BP-1L	# of Bottles: 8	Preservative: ICE	Enter Number of Bottles Sent to Lab	<u>4</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>4</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>4</u>
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W-PO4-F

Date of Request: 04-JAN-2016
 Created By: KING_M On: 04-JAN-2016
 Modified By: MILLER_EB On: 05-JAN-2016
 Customer: NW-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Northwest District
 Sampling Event: SMP

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: 05-JAN-2016
 Biology Request Reviewed By: MILLER_EB On: 05-JAN-2016
 Sampling Kit Required: YES Ship on: 08-JAN-2016
 Sampling Kit Shipped: YES On: 06-JAN-2016
 Sampling Kit Packed By: KITCHEN_S
 Preservatives Needed: NO
 Date to Receive Samples: 18-JAN-2016
 Received By: LASHLEY_C On: 21-JAN-2016

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 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: 8	Preserved With: ICE
BOD-UNIN	Template: DEFAULT	(SM 5210 B) BOD, NOT nitrogen-inhibited
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 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: 8	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- 2016-01-18-35

Shipping Method: Fedex

Date/Time of Receipt: 1/21/15 9:05

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	2.1	20		✓			8092 3436 0783
Red	2.7	20		✓			7822 0827 9531

*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: W

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

Coolers Unpacked/Checked by: W Date: 1/21/15

NCRs (Y/N)? N

Event ID: NW-DEFT-2016-01-21-02

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 – Methyl Mercury Preservation Check:

Samples Preserved within 48 hours? Yes _____ No _____

Date and time samples preserved: _____

Additional Comments: