

Central Laboratory Submittal Form

Customer: NW-DIST

Requester: Michael King

Field Report Prepared By:

Rick Abad

Project ID: SMP

Collected By:

Frank Butera Rick Abad

Sampling Agency:

NWDC

Location: Mitchell Creek @HWY 29		G4NW0116 Field ID ↑ STORET ↓ 33020140		☐ Comp ☒ Grab Collection (comp begin or grab) Date 3/22/16 Time 1015 Eastern Central		Composite end Date Time		Bottle Group(s) (See pg 2)	
RQ-2016-02-01-57(WBID 71) Date: 3/22/16 Time: 1015 CST				Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 10.2		☒ mg/L ☐ % sat Total Res. Chlorine (mg/L)	
				Temp (C) 11.8		pH 4.9		Sample Depth 0.3 ☐ ft ☒ m Sp. Conductance (umho/cm) 20	
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) 0		Comments			
Location: Ates Creek Bryant Bridge RD		G4NW0332 Field ID ↑ STORET ↓ 33030096		☐ Comp ☒ Grab Collection (comp begin or grab) Date 3/22/16 Time 1435 Eastern Central		Composite end Date Time		Bottle Group(s)	
RQ-2016-02-01-57(WBID 271) Date: 3/22/16 Time: 14:35 CST				Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 9.5		☒ mg/L ☐ % sat Total Res. Chlorine (mg/L)	
				Temp (C) 16.9		pH 6.1		Sample Depth 0.3 ☐ ft ☒ m Sp. Conductance (umho/cm) 31	
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			
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:	Date/Time	Shipping Method	Received By:	Date/Time	Relinquished By:	Date/Time	Received By:	Date/Time
Rick Abad	3/22/16 1700	Alicia Wilson	ABP	03-23-16 08:45				

Group: A	Bottle Type:	P-1L	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: A	Bottle Type:	P-1L	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	BOD-UNIN						
Group: A	Bottle Type:	BP-1L	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 5	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	2
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 5	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab	2
	W-PO4-F						
Group: B	Bottle Type:	PJ-2L	# of Bottles: 20	Preservative:	Formalin	Enter Number of Bottles Sent to Lab	4
	MI-FW-QLDC						

TMDL Bioassessment

Central Laboratory Submittal Form

last revised Nov 10, 2015

Customer: NW-DIST

Requester: Michael King

Field Report Prepared By: N. M. King

Project ID: SMP

Collected By: Nathan Mulkey / Mike KingSampling Agency: FDEP

Loc: Location: West Fork @ Hwy 87 RQ-2016-02-01-57(WBID 11A) Date: 3/22 Time: 1030 CST	G4NW0017 Field ID ↑ STORET ↓ 33030029	☐ Comp ☒ Grab Collection (comp begin or grab) Date 3/22/16 Time 1030 Matrix (type, e.g., Salt, Fresh, etc) Temp (C) 14.7 pH 5.7 Diss. Oxygen 9.3 Sample Depth 0.2	Eastern Central Composite end Date Time mg/L % sat Total Res. Chlorine (mg/L) Sp. Conductance (umho/cm) 41	Bottle Group(s) (See pg 2) A
Latitude ☐ dd ☐ dms Longitude ☐ dd ☐ dms		Salinity (ppt) ☐ dd ☐ dms	Comments	
Location: East Br Pine Log Cr blw Bear Bay Flats rd RQ-2016-02-01-57(WBID 92) Date: 3/22 Time: 1345 CST	G4NW0208 Field ID ↑ STORET ↓ 33040075	☐ Comp ☒ Grab Collection (comp begin or grab) Date 3/22/16 Time 1345 Matrix (type, e.g., Salt, Fresh, etc) Temp (C) 16.7 pH 6.4 Diss. Oxygen 8.8 Sample Depth 0.2	Eastern Central Composite end Date Time mg/L % sat Total Res. Chlorine (mg/L) Sp. Conductance (umho/cm) 33	Bottle Group(s) A/B
Latitude ☐ dd ☐ dms Longitude ☐ dd ☐ dms		Salinity (ppt) ☐ dd ☐ dms	Comments: Algae sample taken	
Location: West Fork RQ-2016-02-01-57 Date: 3/22 Time: 1100 CST	FIELD BLANK Field ID ↑	☐ Comp ☐ Grab Collection (comp begin or grab) Date 3/22/16 Time 1100 Matrix (type, e.g., Salt, Fresh, etc) Temp (C) pH Diss. Oxygen Sample Depth	Eastern Central Composite end Date Time mg/L % sat Total Res. Chlorine (mg/L) Sp. Conductance (umho/cm)	Bottle Group(s)
Latitude ☐ dd ☐ dms Longitude ☐ dd ☐ dms		Salinity (ppt) ☐ dd ☐ dms	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) ☐ dd ☐ dms	Comments	

Relinquished By: <u>[Signature]</u>	Date/Time: 3/22/16	Shipping Method: <u>Fed Ex</u>	Received By: <u>[Signature]</u>	Date/Time: 03-23-16 09:09	Relinquished By:	Date/Time:	Received By:	Date/Time:
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Group: A	Bottle Type:	P-1L	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: A	Bottle Type:	P-1L	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	BOD-UNIN						
Group: A	Bottle Type:	BP-1L	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 5	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	2
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 5	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab	2
	W-PO4-F						
Group: B	Bottle Type:	PJ-2L	# of Bottles: 20	Preservative:	Formalin	Enter Number of Bottles Sent to Lab	1

~~MI-FW-QLDG~~

Algal ID

Date of Request: 13-JAN-2016
 Created By: KING_M On: 13-JAN-2016
 Modified By: SWANSON_C On: 07-MAR-2016
 Customer: NW-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Northwest ROC
 Sampling Event: TMDL Bioassessment

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: 13-JAN-2016
 Biology Request Reviewed By: SWANSON_C On: 14-JAN-2016
 Sampling Kit Required: YES Ship on: 20-JAN-2016
 Sampling Kit Shipped: YES On: 19-JAN-2016
 Sampling Kit Packed By: LASHLEY_C
 Preservatives Needed: NO
 Date to Receive Samples: 08-MAR-2016
 Received By: SHAIK_A On: 23-MAR-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 5 Samples:

Bottle Type: P-1L	Number of Bottles: 5	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: P-1L	Number of Bottles: 5	Preserved With: ICE
BOD-UNIN	Template: DEFAULT	(SM 5210 B) BOD, NOT nitrogen-inhibited
Bottle Type: BP-1L	Number of Bottles: 5	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: 5	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: 5	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

Bottle Group B (Biological) With 10 Samples:

Bottle Type: PJ-2L	Number of Bottles: 20	Preserved With: Formalin
MI-FW-QLDC	Template:	(SOP-I206) No. Taxa of FW macroinverts, qual samp, 20 dipnets.

Log-in Checklist

RQ- 2016-02-01-57

Shipping Method: H.D

Date/Time of Receipt: 03-23-16/08:45

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	0.5c	10		/			Q5c samples.
BLUE	Room Temp	4		/			

*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: AP

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

Coolers Unpacked/Checked by: AP Date: 03-23-16 NCRs (Y/N)? ☒

Event ID: TMDL Bioassessment
NW-DIST-2016-03-23-01 (SMP)
 Date Received: 23-MAR-2016 08:45
 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:

Log-in Checklist

RQ- 2016-02-0157

Shipping Method: FEDEX

Date/Time of Receipt: 03-23-16 09:09

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	1-7C	16		✓			

*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: Red

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

Coolers Unpacked/Checked by: Red Date: 03-23-16 NCRs (Y/N)? ✓

Event ID: TMDL Bioassessment NCR # 2

NW-DIST-2016-03-23-01 (SMP)
Date Received: 23-MAR-2016 09:09

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:

TRK# 7826 5334 5573
0201

WED - 23 MAR 10:30A
PRIORITY OVERNIGHT

XH TLHA

32399
FL-US TLH

