

RQ- 2019-04-01-43

Log-in Checklist

Login Station ID: #4Shipping Method: FedEx UPS | HD | GreyhoundDate/Time of Receipt: 03/27/2019 @ 10:05

Cooler Temperature*	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Tracking # (fill out only if waybill copy is damaged)
	HNO ₃	Formalin		Present?		*Intact?		
				Yes	No	Yes	No	
2.2°C			8		X			4791 8777 8397

* HNO₃ and Formalin persevered samples do **NOT** have a temperature requirement. For all others, 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 below, fill out the back of this form (Field ID, Test IDs, etc.) and generate an NCR.

****Chain of Custody/ Field Sheet(s) Included?** Yes ✓ No

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included? Yes No X Date

CONTAINER CHECK

****Evidence Tape on Bottles?** Yes No X If yes, is it intact? Yes No

****Caps on tight?** Yes ✓ No ****Containers intact?** Yes ✓ No

****Sufficient Sample Volume:** Yes ✓ No

CHLORINE CHECK REQUIRED? (Blue dot on container) Yes No X Init: IR

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-E8321-DI, -MS, -21			W-NP-AA-SF		
W-BNA (-625, -R)			W-PDQUAT		
W-CARB-AA (-CAB-AA-R)			W-PCL-SQ-R		
W-U2060-MS			W-TR-TQ		
W-PCB-R			W-CT-CI-R		
W-PAH (-R)			W-PSNP-TQ		
W-PFAS-MS					

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

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

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

Coolers Unpacked/Checked by: Tyler Reynolds Date: 03/27/2019 NCRs (Y/N)? N

Event ID: Western Lakes
NW-DIST-2019-03-27-01 (SMP)
 Date Received: 27-MAR-2019 10:05
 Page 1 of 2, Federal Express REF-4-6-2
IL-SUPP-EDU

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

Additional Comments:

Infrared Thermometer ID:	REC_04_2018
pH Paper 0.0 – 3.0 Lot #	
pH Paper 0 – 13 Lot #	222516EXP:09/15/2019
Chlorine Test Strips Lot #	091417V EXP:09/2021

ENCORE SAMPLES

S-VOC-MS samples in Encores must be frozen within 48 hours of collection.

Were Encore samples received? Yes _____ No X

Date and time placed in freezer _____

Were all samples placed in freezer within 48 hours of collection? Yes _____ If No _____

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: _____

Western Lakes

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NW-DIST

Requester: Michael King

Field Report Prepared By: Nathan Mulvey

Project ID: SMP

Collected By: James Potts

Sampling Agency: ZIFL PWS

Location	Field/WIN ID →				☐ Comp ☒ Grab		Collection (comp begin or grab)		Eastern	Composite end		Bottle Group(s) (See pg 2)
Field ID	Location:		G4NW0437		Date		Time		Central	Date		
WIN/STOR			LOCKLIN LAKE CENTER		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)	A
Latitude	☐ dd ☐ dms				Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)	
	☐ dd ☐ dms				Salinity (ppt)		Comments					
Location	Field/WIN ID →				☐ Comp ☒ Grab		Collection (comp begin or grab)		Eastern	Composite end		Bottle Group(s)
Field ID	Location:		G4NW0426		Date		Time		Central	Date		
WIN/STOR			LAKE STONE CENTER		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)	A
Latitude	☐ dd ☐ dms				Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)	
	☐ dd ☐ dms				Salinity (ppt)		Comments					
Location					☐ Comp ☐ Grab		Collection (comp begin or grab)		Eastern	Composite end		Bottle Group(s)
Field ID					Date		Time		Central	Date		
WIN/STOR #					Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)	
Latitude	☐ dd ☐ dms		Longitude		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)	
	☐ dd ☐ dms				Salinity (ppt)		Comments					
Location					☐ Comp ☐ Grab		Collection (comp begin or grab)		Eastern	Composite end		Bottle Group(s)
Field ID					Date		Time		Central	Date		
WIN/STOR #					Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)	
Latitude	☐ dd ☐ dms		Longitude		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)	
	☐ dd ☐ dms				Salinity (ppt)		Comments					

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
James Potts	3/26/19 1600	Fed Ex	1	Tyler R.	03/27/19 @ 10:05

Date of Request: 14-MAR-2019
 Created By: KING_M On: 14-MAR-2019
 Modified By: JASROTIA_P On: 14-MAR-2019
 Customer: NW-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Northwest District
 Sampling Event: Western Lakes

Send Coolers To:

Phone: 850-595-0605
 160 Government Center
 Suite 208
 Pensacola, FL 32502-5794
 Attn: Michael King

Program Module Number:
 Priority: 3
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 14-MAR-2019
 Biology Request Reviewed By: JASROTIA_P On: 14-MAR-2019
 Sampling Kit Required: YES Ship on: 22-MAR-2019
 Sampling Kit Shipped: YES On: 18-MAR-2019
 Sampling Kit Packed By: SHAIK_A
 Preservatives Needed: YES
 Date to Receive Samples: 01-APR-2019
 Received By:

Send Final Report To:

160 Government Center
 Suite 208
 Pensacola, FL 32502-5794
 Attn: Cheryl Bunch

Report Type: Final Only
 FTP Data: NO
 QC Report: YES
 Date Log: NO
 Authorization Log: NO

Comments: Group A: (WBID 124AF 25A 145) Nutrients

2 - cases of sulfuric acid/4 sets of labels

Bottle Group A (Water) With 3 Samples:

Bottle Type: P-1L	Number of Bottles: 3	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 using a maximum of 250 mL of sample
Bottle Type: BP-1L	Number of Bottles: 3	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type: P-500ML	Number of Bottles: 3	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: 3	Preserved With: FILTER-ICE
W-PO ₄ -F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L