

WBID 167 167A 160 30G

Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: NW-DIST

Requester: Michael King

Field Report Prepared By: N. Mulkey

Project ID: SMP

Collected By: Nathan Mulkey / Frank Butera

Sampling Agency: FDEP

Location: Bear Lake Center RQ-2016-05-09-20(WBID 179A) Date: 5/9/16 Time: 1100 CST	G4NW0361 Field ID ↑ STORET ↓ 33030057	☐ Comp ☒ Grab Collection (comp begin or grab) Date: 5/9/16 Time: 1100 Eastern (Central) Composite end Date: _____ Time: _____	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 8.9 mg/L % sat	Total Res. Chlorine (mg/L)	Bottle Group(s) A
Latitude: _____ Longitude: _____	Field ID ↑ STORET ↓ 33030057	Temp (C) 25.4 pH 7.2 Sample Depth 0.2 ft m	Salinity (ppt)	Sp. Conductance (umho/cm) 27	Comments	
Location: Hurricane Lake @ center RQ-2016-05-09-20(WBID 179A) Date: 5/9/16 Time: 1200 CST	G4NW0117 Field ID ↑ STORET ↓ 33030056	☐ Comp ☒ Grab Collection (comp begin or grab) Date: 5/9/16 Time: 1200 Eastern (Central) Composite end Date: _____ Time: _____	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 8.0 mg/L % sat	Total Res. Chlorine (mg/L)	Bottle Group(s) A
Latitude: _____ Longitude: _____	Field ID ↑ STORET ↓ 33030056	Temp (C) 25.8 pH 6.4 Sample Depth 0.2 ft m	Salinity (ppt)	Sp. Conductance (umho/cm) 23	Comments	
Location: Hurricane Lake @ center RQ-2016-05-09-20(WBID 179A) Date: 5/9/16 Time: 1205 CST	G4NW0117DUPLICATE Field ID ↑ STORET ↓ 33030056	☐ Comp ☒ Grab Collection (comp begin or grab) Date: 5/9/16 Time: 1205 Eastern (Central) Composite end Date: _____ Time: _____	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen - mg/L % sat	Total Res. Chlorine (mg/L)	Bottle Group(s) A
Latitude: _____ Longitude: _____	Field ID ↑ STORET ↓ 33030056	Temp (C) pH Sample Depth ft m	Salinity (ppt)	Sp. Conductance (umho/cm)	Comments	
Location: Lake Karick at Center RQ-2016-05-09-20(WBID 145) Date: 5/9/16 Time: 1315 CST	G4NW0274 Field ID ↑ STORET ↓ 33040210	☐ Comp ☒ Grab Collection (comp begin or grab) Date: 5/9/16 Time: 1315 Eastern (Central) Composite end Date: _____ Time: _____	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 8.2 mg/L % sat	Total Res. Chlorine (mg/L)	Bottle Group(s) A
Latitude: _____ Longitude: _____	Field ID ↑ STORET ↓ 33040210	Temp (C) 26.1 pH 6.4 Sample Depth 0.2 ft m	Salinity (ppt)	Sp. Conductance (umho/cm) 24	Comments	

Relinquished By: [Signature]	Date/Time: 5/9/16	Shipping Method: Fed Ex	Number of Coolers Shipped: 1	Received By: NUB	Date/Time: 5/10/16/9:48
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Group: A Bottle Type: P-1L # of Bottles: 12 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: 12 Preservative: ICE Enter Number of Bottles Sent to Lab _____

BOD-UNIN

Group: A Bottle Type: BP-1L # of Bottles: 12 Preservative: ICE Enter Number of Bottles Sent to Lab 4

CHLSUITE-W

Group: A Bottle Type: P-500ML # of Bottles: 12 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: 12 Preservative: ICE-FLTR Enter Number of Bottles Sent to Lab 4

W-PO4-F

Date of Request: 14-APR-2016
 Created By: KING_M On: 14-APR-2016
 Modified By: SWANSON_C On: 22-APR-2016
 Customer: NW-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Northwest District
 Sampling Event: WBID 179A 83 145

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: 20-APR-2016
 Biology Request Reviewed By: SWANSON_C On: 22-APR-2016
 Sampling Kit Required: YES Ship on: 27-APR-2016
 Sampling Kit Shipped: YES On: 05-MAY-2016
 Sampling Kit Packed By: BOWDEN_M
 Preservatives Needed: NO
 Date to Receive Samples: 09-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 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 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: BP-1L	Number of Bottles: 3	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: 3	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: 3	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- 2016-05-09-20

Shipping Method: Fedex

Date/Time of Receipt: 5/10/16/9:48

Cooler ID	Cooler Temperature*	No. Sample Containers in Cooler	Evidence Tape		*Intact?		Tracking # (fill out only if waybill copy is damaged)
			Present?		Yes	No	
Red	-1.2	16		✓			8085 0983 0903

*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: 5/10/16 NCRs (Y/N)? N

Event ID: NW-DIST-2016-05-10-02 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 – 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: