

Freeport run WBID 567 646 557 570

Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: NW-DIST

Requester: Michael King

Field Report Prepared By: F. BUTERA

Project ID: SMP

Collected By: M. King, F. BUTERA

Sampling Agency: DEP-NWROC

Location	Location: Seven Runs	G3NW0116	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 12-13-2016 Time 10:40	Eastern Central	Composite end Date	Time	Bottle Group(s) (See pg 2)
Field ID	Hwy 81	Field ID ↑	Matrix (type, e.g., Salt, Fresh, etc)	FRESH	Diss. Oxygen	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
STORET #	RQ-2016-11-14-21(WBID 570)	STORET ↓	Temp (C)	17.1	pH	4.8	Sample Depth	0.3
Latitude	Date: 12/13/16 Time: 1040 CST	32020021	Salinity (ppt)	0.0	Comments	Sp. Conductance (umho/cm)	24	
	☐ dms		☐ dd ☐ dms					
Location	Location: Seven Runs	G3NW0115	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 12-13-2016 Time 11:00	Eastern Central	Composite end Date	Time	Bottle Group(s)
Field ID	end of Dead River Rd	Field ID ↑	Matrix (type, e.g., Salt, Fresh, etc)	FRESH	Diss. Oxygen	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
STORET #	RQ-2016-11-14-21(WBID 570)	STORET ↓	Temp (C)	13.3	pH	5.2	Sample Depth	0.3
Latitude	Date: 12/13/16 Time: 11:00 CST	G3NW0115	Salinity (ppt)	0.0	Comments	Sp. Conductance (umho/cm)	46	
	☐ dms		☐ dd ☐ dms					
Location	Location: LAFAYETTE CREEK	G3NW0118	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 12-13-2016 Time 11:35	Eastern Central	Composite end Date	Time	Bottle Group(s)
Field ID	Hwy 20	Field ID ↑	Matrix (type, e.g., Salt, Fresh, etc)	FRESH	Diss. Oxygen	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
STORET #	RQ-2016-11-14-21(WBID 646)	STORET ↓	Temp (C)	17.9	pH	5.4	Sample Depth	0.3
Latitude	Date: 12/13/16 Time: 1135 CST	302935708607321	Salinity (ppt)	0.0	Comments	Sp. Conductance (umho/cm)	29	
	☐ dms		☐ dd ☐ dms					
Location	Location: FOURMILE CREEK	G3NW0112	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 12-13-2016 Time	Eastern Central	Composite end Date	Time	Bottle Group(s)
Field ID	SR-20	Field ID ↑	Matrix (type, e.g., Salt, Fresh, etc)	FRESH	Diss. Oxygen	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
STORET #	RQ-2016-11-14-21(WBID 567)	STORET ↓	Temp (C)	17.4	pH	4.5	Sample Depth	0.4
Latitude	Date: 12/13/16 Time: 11:45 CST	32010016	Salinity (ppt)	0.0	Comments	Sp. Conductance (umho/cm)	24	
	☐ dms		☐ dd ☐ dms					

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
F. Butera	12-13-2016	Fed Ex	2	F. Butera	12/14/16, 10:05

Group: A	Bottle Type:	P-1L	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>4</u>
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						

Group: A	Bottle Type:	BP-1L	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>4</u>
	CHLSUITE-W						

Group: A	Bottle Type:	P-500ML	# of Bottles: 5	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	<u>4</u>
	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	<u>4</u>
	W-PO4-F						

Requester: Michael King
Collected By: Mike King, Frank Butera

Project ID: SMP

Relinquished By: J Butera	Date/Time: 12-13-2016	Shipping Method: Fed Ex	Number of Coolers Shipped: 2	Received By: JRC	Date/Time: 12/14/16 10:05
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Group: A Bottle Type: P-1L # of Bottles: 5 Preservative: ICE Enter Number of Bottles Sent to Lab 3

ALKALINITY
TURBIDITY
W-CL-IC
W-COLOR
W-F
W-SO4-IC
W-TDS
W-TSS

Group: A Bottle Type: BP-1L # of Bottles: 5 Preservative: ICE Enter Number of Bottles Sent to Lab 3

CHLSUITE-W

Group: A Bottle Type: P-500ML # of Bottles: 5 Preservative: ICE And H2SO4 Enter Number of Bottles Sent to Lab 3

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 3

W-PO4-F

Date of Request: 18-OCT-2016
 Created By: KING_M On: 18-OCT-2016
 Modified By: MATTHEWS_D On: 04-NOV-2016
 Customer: NW-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Northwest District
 Sampling Event: Freeport run WBID 567 646 557 570

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: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 26-OCT-2016
 Biology Request Reviewed By: MATTHEWS_D On: 04-NOV-2016
 Sampling Kit Required: YES Ship on: 10-NOV-2016
 Sampling Kit Shipped: YES On: 14-NOV-2016
 Sampling Kit Packed By: SHAIK_A
 Preservatives Needed: NO
 Date to Receive Samples: 14-NOV-2016
 Received By:

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-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: 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

RQ- 2016-11-14-21

Log-in Checklist

Shipping Method: Fedex

Date/Time of Receipt: 12/14/16, 10:05

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	1.3°C	12					9103 9283 7560
Red	2.0°C	16					8103 9283 7550

*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: NWB

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

Coolers Unpacked/Checked by: QAR Date: 12/14/16 NCRs (Y/N)? N

Event ID: NW-DIST-2016-12-14-01 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 N

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: