

WBID 351 432 476 45 361 321

Central Laboratory Submittal Form

last revised Nov 10, 2015

Customer: NW-DIST

Requester: Michael King

Field Report Prepared By: F. Butera

Project ID: SMP

Collected By: Rick Abao, Frank Butera

Sampling Agency: FL DEP - NWROC

Location	Field ID	STORET #	Latitude	Location	Field ID	STORET #	Latitude	Location	Field ID	STORET #	Latitude	Location	Field ID	STORET #	Latitude
Location: Little Alaqua	G3NW0064			Location: Little Alaqua	G3NW0063			Location: TITI Creek	G4NW0365			Location: TITI Creek	G4NW0364		
Eglin Road 208 Above Bridge	Field ID ↑			Road 200/201 Above Bridge	Field ID ↑			abv Hwy 285	Field ID ↑			abv Eglin Rd 208	Field ID ↑		
RQ-2016-03-07-71(WBID 432)	STORET ↓			RQ-2016-03-07-71(WBID 432)	STORET ↓			RQ-2016-03-07-71(WBID 321)	STORET ↓			RQ-2016-03-07-71(WBID 321)	STORET ↓		
Date:				Date:				Date:				Date:			
Time: CST				Time: CST				Time: CST				Time: CST			
Composite end	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	Total Res. Chlorine	Composite end	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	Total Res. Chlorine	Composite end	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	Total Res. Chlorine	Composite end	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	Total Res. Chlorine
Date	FRESH	9.5	(mg/L)	Date	FRESH	9.6	(mg/L)	Date	FRESH	9.5	(mg/L)	Date	FRESH	9.4	(mg/L)
Time	Temp (C)	pH	Sp. Conductance	Time	Temp (C)	pH	Sp. Conductance	Time	Temp (C)	pH	Sp. Conductance	Time	Temp (C)	pH	Sp. Conductance
	15.2	5.4	(umho/cm)		17.4	5.1	(umho/cm)		16.4	5.2	(umho/cm)		15.5	5.4	(umho/cm)
	Salinity (ppt)	Comments			Salinity (ppt)	Comments			Salinity (ppt)	Comments			Salinity (ppt)	Comments	
	0.0				0.0				0.0				0.0		

Relinquished By:	Date/Time	Shipping Method	Received By:	Date/Time	Relinquished By:	Date/Time	Received By:	Date/Time
FBS	03/07/16	Fed Ex	cu	3/8/16 9:45				

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	4
	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						

WBID 351 432 476 45 361 321

Central Laboratory Submittal Form

last revised Nov 10, 2015

Customer: NW-DIST

Requester: Michael King

Field Report Prepared By: F Butera

Project ID: SMP

Collected By: Rick ABAD, Frank ButeraSampling Agency: FL DEP. NWROC

Location	Location: Alaqua Creek	G3NW0108	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>3-7-16</u> Time <u>14:50</u>	Eastern <u>Central</u>	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)	
Field ID	Bob sikes rd	Field ID ↑ STORET ↓	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A	
STORET #	Date: _____ Time: CST	G3NW0108	Temp (C) <u>13.2</u>	pH <u>5.0</u>	Sample Depth <u>0.3</u>	Sp. Conductance (umho/cm) <u>14</u>		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) <u>0.0</u>	Comments			
Location	Location: Alaqua Creek	G3NW0106	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>3-7-2016</u> Time <u>11:30</u>	Eastern <u>Central</u>	Composite end Date _____ Time _____	Bottle Group(s)	
Field ID	Nelson Rd	Field ID ↑ STORET ↓	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A	
STORET #	Date: _____ Time: CST	G3NW0106	Temp (C) <u>13.9</u>	pH <u>5.5</u>	Sample Depth <u>0.3</u>	Sp. Conductance (umho/cm) <u>16</u>		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) <u>0.0</u>	Comments			
Location	Location: Alaqua Creek	G3NW0111	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>3/07/2016</u> Time <u>12:20</u>	Eastern <u>Central</u>	Composite end Date _____ Time _____	Bottle Group(s)	
Field ID	@ Eglin 205 AKA JAXGRD #1103S003	Field ID ↑ STORET ↓	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A	
STORET #	Date: _____ Time: CST	32010232	Temp (C) <u>14.2</u>	pH <u>5.7</u>	Sample Depth <u>0.3</u>	Sp. Conductance (umho/cm) <u>19</u>		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) <u>0.0</u>	Comments <u>site moved below bridge. No Access above.</u>			
Location	Location: Little Alaqua	G3NW0065	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>3/07/2016</u> Time <u>12:50</u>	Eastern <u>Central</u>	Composite end Date _____ Time _____	Bottle Group(s)	
Field ID	Eglin Road 205 Above Bridge	Field ID ↑ STORET ↓	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A	
STORET #	Date: _____ Time: CST	32010231	Temp (C) <u>15.3</u>	pH <u>5.2</u>	Sample Depth <u>0.3</u>	Sp. Conductance (umho/cm) <u>12</u>		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) <u>0.0</u>	Comments <u>site moved below bridge. Access.</u>			

Relinquished By: <u>[Signature]</u>	Date/Time: <u>03-07-16</u>	Shipping Method: <u>Fed Ex</u>	Received By: <u>[Signature]</u>	Date/Time: <u>3/8/16 9:45</u>	Relinquished By:	Date/Time:	Received By:	Date/Time:
-------------------------------------	----------------------------	--------------------------------	---------------------------------	-------------------------------	------------------	------------	--------------	------------

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	4
	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: 02-MAR-2016
 Created By: KING_M On: 02-MAR-2016
 Modified By: SWANSON_C On: 03-MAR-2016
 Customer: NW-DIST
 Project: SMP
 Division:
 District: Northwest District
 Sampling Event: WBID 351 432 476 45 361 321

Send Coolers To:

Phone: SC-695-8300
 160 W Government st
 Suite 208A
 Pensacola, FL 32502-5794
 Attn: Michael King

Program Module Number: 1306
 Priority: 3
 Event Status: A
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 03-MAR-2016
 Biology Request Reviewed By: SWANSON_C On: 03-MAR-2016
 Sampling Kit Required: NO Ship on:
 Sampling Kit Shipped:
 Sampling Kit Packed By:
 Preservatives Needed: NO
 Date to Receive Samples: 07-MAR-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 12 Samples:

Bottle Type: P-1L	Number of Bottles: 12	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: 12	Preserved With: ICE
BOD-UNIN	Template: DEFAULT	(SM 5210 B) BOD, NOT nitrogen-inhibited
Bottle Type: BP-1L	Number of Bottles: 12	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: 12	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: 12	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

Log-in Checklist

RQ- 2016-02-01-55

Shipping Method: Fedex

Date/Time of Receipt: 3/8/16 9:45

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	0.6	20		✓			8094 7802 9257
Red	1.1	20		✓			8094 7802 → 7825 4094 8304

*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: CL

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

Coolers Unpacked/Checked by: CL Date: 3/8/16

NCRs (Y/N)? N

Event ID: NW-DEA-2016-03-08-01

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 ✓

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: