

Suwannee 2

Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: NE-DIST

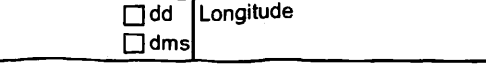
Requester: Nicole Frederick

Field Report Prepared By: A. Kalmbacher

Project ID: SMP

Collected By: A. Kalmbacher

Sampling Agency: FDEP / NE ROC

Location	field ID		☐ Comp	Collection (comp begin or grab)	☒ Grab	Date	Time	Eastern	Composite end	Bottle Group(s)
Date:	Time:	G1NE0605 09072016				9-7-2016	1145	Central	Date	Time
Field ID	Time:			Matrix (type, e.g., Salt, Fresh, etc)					Diss. Oxygen	7.38
STORE	Mill Creek at Bellamy/Alligator	storet ID							☒ mg/L	Total Res. Chlorine
		21030126							☒ % sat	(mg/L)
Latitude	☐ dd	Longitude	☐ dd	Temp (C)	pH	Sample Depth	0.1	☐ ft	Sp. Conductance	106
	☐ dms		☐ dms	23.2	6.43			☒ m	(umho/cm)	
Location	field ID		☐ Comp	Collection (comp begin or grab)	☒ Grab	Date	Time	Eastern	Composite end	Bottle Group(s)
Date:	Time:	G1NE0644 09072016				9-7-2016	1300	Central	Date	Time
Field ID	Time:			Matrix (type, e.g., Salt, Fresh, etc)					Diss. Oxygen	5.4
STORE	Rocky Creek at CR 235	storet ID							☒ mg/L	Total Res. Chlorine
		21030302							☒ % sat	(mg/L)
Latitude	☐ dd	Longitude	☐ dd	Temp (C)	pH	Sample Depth	0.3	☐ ft	Sp. Conductance	149
	☐ dms		☐ dms	22.8	6.34			☒ m	(umho/cm)	
Location	field ID		☐ Comp	Collection (comp begin or grab)	☐ Grab	Date	Time	Eastern	Composite end	Bottle Group(s)
Date:	Time:							Central	Date	Time
Field ID	Time:			Matrix (type, e.g., Salt, Fresh, etc)					Diss. Oxygen	
STORET #									☐ mg/L	Total Res. Chlorine
									☐ % sat	(mg/L)
Latitude	☐ dd	Longitude	☐ dd	Temp (C)	pH	Sample Depth		☐ ft	Sp. Conductance	
	☐ dms		☐ dms					☐ m	(umho/cm)	
Location	field ID		☐ Comp	Collection (comp begin or grab)	☐ Grab	Date	Time	Eastern	Composite end	Bottle Group(s)
Date:	Time:							Central	Date	Time
Field ID	Time:			Matrix (type, e.g., Salt, Fresh, etc)					Diss. Oxygen	
STORET #									☐ mg/L	Total Res. Chlorine
									☐ % sat	(mg/L)
Latitude	☐ dd	Longitude	☐ dd	Temp (C)	pH	Sample Depth		☐ ft	Sp. Conductance	
	☐ dms		☐ dms					☐ m	(umho/cm)	
Location	field ID		☐ Comp	Collection (comp begin or grab)	☐ Grab	Date	Time	Eastern	Composite end	Bottle Group(s)
Date:	Time:							Central	Date	Time
Field ID	Time:			Matrix (type, e.g., Salt, Fresh, etc)					Diss. Oxygen	
STORET #									☐ mg/L	Total Res. Chlorine
									☐ % sat	(mg/L)
Latitude	☐ dd	Longitude	☐ dd	Temp (C)	pH	Sample Depth		☐ ft	Sp. Conductance	
	☐ dms		☐ dms					☐ m	(umho/cm)	

Relinquished By: A. Kalmbacher	Date/Time: 9-7-2016	Shipping Method: FedEx	Number of Coolers Shipped: 1	Received By: [Signature]	Date/Time: 9-8-16, 10:08
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Group: A	Bottle Type:	P-1L	# of Bottles: 4	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:	BP-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
CHLSUITE-W							
Group: A	Bottle Type:	P-500ML	# of Bottles: 4	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: 4	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab	2
W-PO4-F							
Group: B	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	
ALKALINITY							
TURBIDITY							
W-CL-IC							
W-COLOR							
W-F							
W-SO4-IC							
W-TDS							
W-TSS							
Group: B	Bottle Type:	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	
CHLSUITE-W							
Group: B	Bottle Type:	BG-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	
W-AHERB-AA							
W-GLYPH							
W-UHERB-AA							

Date of Request: 03-AUG-2016
 Created By: FREDERIC_N On: 03-AUG-2016
 Modified By: MATTHEWS_D On: 15-AUG-2016
 Customer: NE-DIST
 Project: SMP
 Division:
 District: Northeast District
 Sampling Event: Suwannee 2

Send Coolers To:

Phone: 904-256-1700
 8800 Baymeadows Way
 Suite 100
 Jacksonville, FL 32256
 Attn: Nicole Frederick

Send Final Report To:

8800 Baymeadows Way
 Suite 100
 Jacksonville, FL 32256
 Attn: Nicole Frederick

Program Module Number:

Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 12-AUG-2016
 Biology Request Reviewed By: MATTHEWS_D On: 15-AUG-2016
 Sampling Kit Required: YES Ship on: 24-AUG-2016
 Sampling Kit Shipped: YES On: 22-AUG-2016
 Sampling Kit Packed By: SHAIK_A
 Preservatives Needed: NO
 Date to Receive Samples: 05-SEP-2016
 Received By: SHAIK_A On: 08-SEP-2016

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

Comments: NE ROC

Bottle Group A (Water) With 4 Samples:

Bottle Type: P-1L	Number of Bottles: 4	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: BP-1L	Number of Bottles: 4	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: 4	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: 4	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 (Water) With 1 Samples:

Bottle Type: P-125ML	Number of Bottles: 1	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 Type: BG-1L	Number of Bottles: 4	Preserved With: ICE
W-PSNP-TQ	Template:	(EPA 8270D) Organonitrogen and phosphorus pesticides (<i>ultra trace level</i>) in water matrices by GC/MS/MS
Bottle Type: BG-1L	Number of Bottles: 1	Preserved With: ICE

Bottle Group B (Water) With 1 Samples:

Bottle Type: BG-1L	Number of Bottles: 1	Preserved With: ICE
W-PYR-AA-R	Template: DEFAULT	(EPA 8321B) Pyraclostrobin in water matrices by HPLC/MS/MS
Bottle Type: P-1L	Number of Bottles: 1	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: 1	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, phaeophytin and ratio by spectrophotometry
Bottle Type: BG-1L	Number of Bottles: 1	Preserved With: ICE
W-AHERB-AA	Template: DEFAULT	(USGS O-2060-01) Chlorinated (phenoxy acid) herbicides in water matrices by HPLC/MS/MS
W-GLYPH	Template: DEFAULT	(EPA 8321B) Glyphosate in water matrices by HPLC/MS/MS
W-UHERB-AA	Template: DEFAULT	(USGS O-2060-01) Urea herbicides and other chemicals in water matrices by HPLC/MS/MS
Bottle Type: P-500ML	Number of Bottles: 1	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: BG-1L	Number of Bottles: 4	Preserved With: ICE
W-PC-AA-SF	Template:	(DEP SOP: GC-011-5 (based on EPA 608 and 617)) Organochlorine pesticides (low levels) in water matrices by GC/ECD.

* - The laboratory is not NELAP certified for this analyte/method, or certification is not applicable.

RQ- 2016-09-05-21 Log-in Checklist

Shipping Method: Fed Exp

Date/Time of Receipt: 09-08-16, 10:08

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	Yes	No		
<u>Red</u>	<u>1.1C</u>	<u>8</u>		☒			

*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: [Signature]

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

Coolers Unpacked/Checked by: [Signature] Date: 09-08-16 NCRs (Y/N)? [Signature]

Event ID: Supannee 2 NCR #

NE DIST-2016-09-08-02 (SMP)
Date Received: 08-SEP-2016 10:08

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: