

Suwannee 2

Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: NE-DIST

Requester: Nicole Frederick

Field Report Prepared By:

N. Frederick

Project ID: SMP

Collected By:

N. Frederick / J. Parrish

Sampling Agency:

NE ROC

Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7/20/16 Time 0930	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Field ID	Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 7.44/90%	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
STORET #	21030302 Rocky Creek at 23b	Temp (C) 24.89	pH 6.84	Sample Depth 0.30	Sp. Conductance (umho/cm) 184
Latitude	☒ dd ☐ dms	Longitude	☒ dd ☐ dms	Salinity (ppt) 0.09	Comments
Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7/20/16 Time 1000	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID	Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 7.53/89.8%	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
STORET #	21030126 Mill Creek Bellamy rd	Temp (C) 24.17	pH 6.89	Sample Depth 0.3	Sp. Conductance (umho/cm) 97
Latitude	☒ dd ☐ dms	Longitude	☒ dd ☐ dms	Salinity (ppt) 0.04	Comments
Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7/20/16 Time 1040	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID	Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 4.51/82.0%	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
STORET #	21020009 Olustee at 23b	Temp (C) 25.95	pH 6.02	Sample Depth 0.30	Sp. Conductance (umho/cm) 62
Latitude	☒ dd ☐ dms	Longitude	☒ dd ☐ dms	Salinity (ppt) 0.03	Comments
Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7/20/16 Time 1115	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID	Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 4.32/52.3%	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
STORET #	21030130 FiveMile at 231A	Temp (C) 24.69	pH 5.83	Sample Depth 0.2	Sp. Conductance (umho/cm) 68
Latitude	☒ dd ☐ dms	Longitude	☒ dd ☐ dms	Salinity (ppt) 0.03	Comments

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Nicole Frederick	7/20/16 @ 1630	FEDEX	(2)	SK	7-21-16 / 10:05

Group: A	Bottle Type:	P-1L	# of Bottles: 3	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: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 3	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: 3	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab	3
	W-PO4-F						
Group: B	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	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	1
	CHLSUITE-W						
Group: B	Bottle Type:	BG-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	W-AHERB-AA						
	W-GLYPH						
	W-UHERB-AA						

Group: B	Bottle Type:	P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	1
	W-NH3					
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					
	W-TOC					
Group: B	Bottle Type:	BG-1L	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	4
	W-PC-AA-SF					
Group: B	Bottle Type:	P-125ML	# of Bottles: 1	Preservative: ICE-FLTR	Enter Number of Bottles Sent to Lab	1
	W-PO4-F					
Group: B	Bottle Type:	BG-1L	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	4
	W-PSNP-TQ					
Group: B	Bottle Type:	BG-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
	W-PYR-AA-R					

Date of Request: 06-JUN-2016
 Created By: FREDERIC_N On: 06-JUN-2016
 Modified By: MATTHEWS_D On: 30-JUN-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: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 22-JUN-2016
 Biology Request Reviewed By: MATTHEWS_D On: 30-JUN-2016
 Sampling Kit Required: YES Ship on: 11-JUL-2016
 Sampling Kit Shipped: YES On: 13-JUL-2016
 Sampling Kit Packed By: LASHLEY_C
 Preservatives Needed: NO
 Date to Receive Samples: 18-JUL-2016
 Received By:

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

Comments: NE ROC

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
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 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: 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 (ultra trace level) 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-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: 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- 2016-07-18-09

Log-in Checklist

Shipping Method: FedexDate/Time of Receipt: 7-21-16/10:05

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	
Green	0.5	8		✓			
Red	0.4	18		✓			

*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: SK

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

Coolers Unpacked/Checked by: SK Date: 7-21-16

NCRs (Y/N)? N

Event ID: NE-DIST-2016-07-21-01

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 – 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:

FedEx Tracking Number

8085 0983 5228

Form ID No.

0215

Recipient's Copy

7/20/16
Nicole fredrick Phone 904 256-1700
NE ROC
8800 Baymeadows Way West
Jacksonville State FL ZIP 32256
Internal Billing Reference

SAMPLE RECEIVING Phone 850 245-8085
FLORIDA DEP/CHEMISTRY SECTION
2600 BLAIRSTONE RD
TALLAHASSEE State FL ZIP 32399-6542
0119899133
8085 0983 5228

4 Express Package Service *To most locations. NOTE: Service order has changed. Please select carefully.

Next Business Day
☐ FedEx First Overnight
☒ FedEx Priority Overnight
☐ FedEx Standard Overnight

2 or 3 Business Days
☐ FedEx 2Day A.M.
☐ FedEx 2Day
☐ FedEx Express Saver

5 Packaging *Declared value limit \$500.
☐ FedEx Envelope* ☐ FedEx Pak* ☐ FedEx Box ☐ FedEx Tube ☒ Other

6 Special Handling and Delivery Signature Options
☐ SATURDAY Delivery
☐ No Signature Required
☐ Direct Signature
☐ Indirect Signature

7 Payment Bill to:
Sender ☐ Recipient ☒ Third Party ☐ Credit Card ☐ Cash/Check
Total Packages Total Weight
611

FedEx Tracking Number

8085 0983 5217

Form ID No.

0215

Recipient's Copy

7/20/16
Nicole fredrick Phone 904 256-1700
NE ROC
8800 Baymeadows Way West
Jacksonville State FL ZIP 32256
Internal Billing Reference

SAMPLE RECEIVING Phone 850 245-8085
FLORIDA DEP/CHEMISTRY SECTION
2600 BLAIRSTONE RD
TALLAHASSEE State FL ZIP 32399-6542
0119899133
8085 0983 5217

4 Express Package Service *To most locations. NOTE: Service order has changed. Please select carefully.

Next Business Day
☐ FedEx First Overnight
☒ FedEx Priority Overnight
☐ FedEx Standard Overnight

2 or 3 Business Days
☐ FedEx 2Day A.M.
☐ FedEx 2Day
☐ FedEx Express Saver

5 Packaging *Declared value limit \$500.
☐ FedEx Envelope* ☐ FedEx Pak* ☐ FedEx Box ☐ FedEx Tube ☒ Other

6 Special Handling and Delivery Signature Options
☐ SATURDAY Delivery
☐ No Signature Required
☐ Direct Signature
☐ Indirect Signature

7 Payment Bill to:
Sender ☐ Recipient ☒ Third Party ☐ Credit Card ☐ Cash/Check
Total Packages Total Weight
611