Request Number: RQ-2017-03-27-03

Suwannee SCI's

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: NE-DIST

Project ID: SMP

Requester: Jeremy M. Parrish

Field Report Prepared By: P O'Connor

Collected By: P O'Connor, B Davis, J Parrish, N. Fredericks

Sampling Agency: DEAR NEDROC

Location: New River @ SR 100 — field ID: G1NE0534 03302017 — storet ID: 21030053

Field ID:

STORET #:

Latitude: ☐ dd ☐ dms Longitude: ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 03/30/17 Time 0940 | Eastern / Central | Composite end Date Time | Bottle Group(s) (See pg 2): C

Matrix (type, e.g., Salt, Fresh, etc): Surface Water Fresh | Diss. Oxygen: 4.4 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L):

Temp (C): 19.31 | pH: 7.68 | Sample Depth: 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm): 319

Salinity (ppt): 0.15 | Comments: DO% 47.8

Location: Cow Creek @ SR 138 — Field ID: G1NE0565 03302017 — STORET: 21030086

Field ID:

STORET #:

Latitude: ☐ dd ☐ dms Longitude: ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 03/30/17 Time 0955 | Eastern / Central | Composite end Date Time | Bottle Group(s): A/C

Matrix (type, e.g., Salt, Fresh, etc): Surface Water Fresh | Diss. Oxygen: 6.82 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L):

Temp (C): 18.12 | pH: 7.7 | Sample Depth: 0.1 ☐ ft ☒ m | Sp. Conductance (umho/cm): 458

Salinity (ppt): 0.22 | Comments: DO% 73.6

Location: Pareners Branch @ CR 1491 — field ID: G1NE0600 03302017 — storet ID: 21030121

Field ID:

STORET:

Latitude: ☐ dd ☐ dms Longitude: ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 03/30/17 Time 1040 | Eastern / Central | Composite end Date Time | Bottle Group(s): C

Matrix (type, e.g., Salt, Fresh, etc): Surface Water Fresh | Diss. Oxygen: 9.52 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L):

Temp (C): 18.79 | pH: 7.62 | Sample Depth: 0.05 ☐ ft ☒ m | Sp. Conductance (umho/cm): 213

Salinity (ppt): 0.1 | Comments: DO% 102.4

Location: HAQUE Creek @ US 441

Field ID:

STORET #: 21030152

Latitude: ☐ dd ☐ dms Longitude: ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 03-30-17 Time 1255 | Eastern / Central | Composite end Date Time | Bottle Group(s): C/D

Matrix (type, e.g., Salt, Fresh, etc): Surface Water Fresh | Diss. Oxygen: 9.2 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L):

Temp (C): 20.27 | pH: 7.69 | Sample Depth: 0.1 ☐ ft ☒ m | Sp. Conductance (umho/cm): 516

Salinity (ppt): 0.25 | Comments: DO% 107.3

Relinquished By: ~~P O'Connor~~	Date/Time: 03/30/17 1500	Shipping Method: FED EX	Number of Coolers Shipped: 2	Received By: SK	Date/Time: 3-31-17 / 10:16

Group	Bottle Type		# of Bottles	Preservative		Enter Number of Bottles Sent to Lab
A	P-1L	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS	2	ICE		1
A	BP-1L	CHLSUITE-W	2	ICE		1
A	P-500ML	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	2	ICE And H2SO4		1
A	P-125ML	W-PO4-F	2	ICE-FLTR		1
B	PJ-2L	MI-FW-QLDC	4	Formalin		0
C	P-120ML-WC-THI	NED-AEG-EC	5	ICE		4
C	QPCR-P-250ML	PCR-FILTER	10	ICE		8
C	BG-1L	W-SUC-AA-R W-UHERB-AA	5	ICE		2
D	P-1L	ALKALINITY TURBIDITY W-CL-IC W-COLOR	1	ICE		1

Group: D	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	W-F W-SO4-IC W-TDS W-TSS						
Group: D	Bottle Type:	BG-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	~~W-AHERB-AA~~ W-GLYPH & pyAAR						
Group: D	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	1
	W-ICP W-ICPMS						
Group: D	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: D	Bottle Type:	BG-500ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	W-PCL-SQ-R						
Group: D	Bottle Type:	P-125ML	# of Bottles: 1	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab	1
	W-PO4-F						
Group: D	Bottle Type:	BG-1L	# of Bottles: ~~4~~	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
	W-PSNP-TQ		Need to use for chlorophyll 1 Bottle				
~~Group: D~~	~~Bottle Type:~~	~~BG-1L~~	~~# of Bottles: 1~~	~~Preservative:~~	~~ICE~~	~~Enter Number of Bottles Sent to Lab~~	~~1~~
	~~W-PYR-AA-R~~						

Group D
Adding ~~W-CHL~~ CHLSUITE-W Amber bottle #1 preserve ICE # bottles 1

Group D W-UHERB
W-SUGAR
W-AHERB

Amber bottle #. preserve ICE # bottles 1

RQ-2017-03-27-03

Date of Request: 20-JAN-2017
Created By: PARRISH_J On: 20-JAN-2017
Modified By: WATTS_J On: 31-MAR-2017
Customer: NE-DIST
Project: SMP
Division:
District: Northeast District
Sampling Event: Suwannee SCI's

Send Coolers To:

Phone: 904-256-1700
8800 Baymeadows Way West

Jacksonville, FL 32256-7577
Attn: Jeremy Parrish

Send Final Report To:

8800 Baymeadows Way West

Jacksonville, FL 32256-7577
Attn: Jeremy Parrish

Program Module Number:
Priority: 3
Event Status: A
Criminal Investigation: NO
Chemistry Request Reviewed By: WATTS_J On: 31-MAR-2017
Biology Request Reviewed By: WATTS_J On: 31-MAR-2017
Sampling Kit Required: NO Ship on:
Sampling Kit Shipped: YES On: 13-MAR-2017
Sampling Kit Packed By: SHAIK_A
Preservatives Needed: NO
Date to Receive Samples: 27-MAR-2017
Received By:

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

Comments:

Bottle Group A (Water) With 2 Samples:

Bottle Type: P-1L Number of Bottles: 2 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: 2 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: 2 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: 2 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

Bottle Group B (Biological) With 2 Samples:

Bottle Type: PJ-2L Number of Bottles: 4 Preserved With: Formalin

MI-FW-QLDC	Template: DEFAULT	(SOP-IZ06) No. Taxa of FW macroinverts, qual samp, 20 dipnets.

Bottle Group C (Water) With 5 Samples:

Bottle Type: Number of Bottles: 5 Preserved With: ICE

NED-AEG-EC	Template: DEFAULT	(EPA 1603) Escherichia coli by membrane filter method using modified mTEC by Advanced Environmental Gainesville Overflow Laboratories for NED

Bottle Group C (Water) With 5 Samples:

Bottle Type: QPCR-P-250ML Number of Bottles: 10 Preserved With: ICE

PCR-FILTER	Template: DEFAULT	(SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis

Bottle Type: BG-1L Number of Bottles: 5 Preserved With: ICE

W-AHERB-AA	Template: TRACERLIST	(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-SUC-AA-R	Template: DEFAULT	(EPA 8321B) Analysis of sucralose 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: BG-1L Number of Bottles: 5 Preserved With: ICE

W-PYR-AA-R	Template: DEFAULT	(EPA 8321B) Pyraclostrobin in water matrices by HPLC/MS/MS

Bottle Group D (Water) With 1 Samples:

Bottle Type: P-1L Number of Bottles: 1 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: 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:	(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-SUC-AA-R	Template: DEFAULT	(EPA 8321B) Analysis of sucralose 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: HNO3

W-ICP	Template:	(EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects
Calcium		
Chromium		
Iron		
Magnesium		
Nickel		
Potassium		
Sodium		
Zinc		
W-ICPMS	Template: PRTY	(EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects
Arsenic		
Cadmium		
Copper		
Lead		
Nickel		
Silver		

Bottle Type: P-500ML Number of Bottles: 1 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: BG-500ML Number of Bottles: 4 Preserved With: ICE

W-PCL-SQ-R	Template: DEFAULT	(EPA 8270D) Organochlorine pesticides in water matrices by GC/MS-SIM

Bottle Type: P-125ML Number of Bottles: 1 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

Bottle Type: BG-1L Number of Bottles: 4 Preserved With: ICE

Bottle Group D (Water) With 1 Samples:

Bottle Type: BG-1L	Number of Bottles: 4	Preserved With: ICE
W-PSNP-TQ	Template: DEFAULT	(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
W-PYR-AA-R	Template: DEFAULT	(EPA 8321B) Pyraclostrobin in water matrices by HPLC/MS/MS

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

Log-in Checklist

RQ- 2017-03-27-03

Shipping Method: Fedex

Date/Time of Receipt: 3-31-17 / 1016

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	1.0	1/6		✓			
Red	0.8	1/6		✓			

*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			W-CT-CI-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: 3-31-17 NCRs (Y/N)? N

Event ID: NEDIST-2017-03-31-01 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 Express Package US Airbill

FedEx Tracking Number 8111 7111 3339

03-30-17

P O'Connor Phone 9047057873

DEAR : NED ROC

8800 BAYMEADOWS WAY W.

Dept/Floor/Suite/Room

JAX State FL ZIP 32256

Internal Billing Reference

Phone 850 245-8085

FLORIDA DEP/CHEMISTRY SECTION

2600 BLAIRSTONE RD

not deliver to P.O. boxes or P.O. ZIP codes. Dept/Floor/Suite/Room

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8111 7111 3339

MUR4

Form ID No. 0215 Recipient's Copy

4 Express Package Service * To most locations.

Packages up to 150 lbs.
For packages over 150 lbs., use the FedEx Express Freight US Airbill.

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5 Packagin

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7 Payment B

Sender
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36 TLHA

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611

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FedEx Express Package US Airbill

FedEx Tracking Number 8104 1402 5920

03/30/17

P. O'Connor Phone 904 705 7873

DEAR NED ROC

8800 BAYMEADOWS WAY W

Dept/Floor/Suite/Room

JAX State FL ZIP 32256

ernal Billing Reference

SAMPLE RECEIVING Phone 850 245-8085

FLORIDA DEP/CHEMISTRY SECTION

2600 BLAIRSTONE RD

liver to P.O. boxes or P.O. ZIP codes. Dept/Floor/Suite/Room

Hold Weekday
FedEx location address REQUIRED. NOT available for FedEx First Overnight.

Hold Saturday
FedEx location address REQUIRED. Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

or the HOLD location address or for continuation of your shipping address.

LLAHASSEE State FL ZIP 32399-6542

0124452251

MUR3

Form ID No. 0215 Recipient's Copy

4 Express Package Service

Packages up to 150 lbs.
For packages over 150 lbs., use the FedEx Express Freight US Airbill.

FedEx TRK# 0215 8104 1402 5920

36 TLHA

FID 350956 30MAR17 NRBA 546C4/7965/8C8A

FRI - 31 MAR 10:30A
PRIORITY OVERNIGHT

32399 FL-US TLH

Thursday shipments
nless Saturday

See the FedEx Service Guide.

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Obtain recip. Acct. No.

Cash/Check

Credit Card Auth.

Total Pac

lbs.

fedex.com 1800.GoFedEx 1800.463.3339

†Our liability is limited to US$100 unless you declare a higher value. See the current FedEx Service Guide for details.

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