

Suwannee springs

Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: NE-DIST

Requester: Jeremy M. Parrish

Field Report Prepared By:

N. Frederick

Project

field ID



G1NE00858 12202016

Location

Field ID

Suwannee R 2 mi.
upstream of CR 340

storet ID



G1NE0858

STORET #

Latitude

29.7954

☒ dd
☐ dms

Longitude

82.9202

☒ dd
☐ dms

Salinity

(ppt) 0.18

Comments

Location

field ID



G1NE0356 12202016

Field ID

Suwannee River
at CR 340

storet ID



21020033

STORET

Latitude

29.7954

☒ dd
☐ dms

Longitude

82.9202

☒ dd
☐ dms

Salinity

(ppt) 0.18

Comments

Location

field ID



G1NE0815 12202016

Field ID

Trail Spring
at Vent

storet ID



22051007

STORET

Latitude

29.8983

☒ dd
☐ dms

Longitude

82.8667

☒ dd
☐ dms

Salinity

(ppt) 0.21

Comments

Location

Field ID :



G1NE0855 12202016

Field ID

Santa Fe below
Elie Rays

Storet:



G3NE0855

STORET

Latitude

29.8983

☒ dd
☐ dms

Longitude

82.8672

☒ dd
☐ dms

Salinity

(ppt) 0.19

Comments

☐ Comp Collection (comp begin or grab)☒ Grab

Date 12/20/16

Time 1025

Eastern

Central

Composite end

Date

Time

Bottle
Group(s)
(See pg 2)

Matrix (type, e.g., Salt, Fresh, etc)

Fresh

Diss. Oxygen

6.82

☒ mg/L☐ % sat

Total Res. Chlorine

(mg/L)

Temp

(C) 19.89

pH

7.27

Sample

Depth

0.30

☐ ft☒ m

Sp. Conductance

(umho/cm) 370

A

☐ Comp

Collection (comp begin or grab)

☒ Grab

Date 12/20/16

Time 1045

Eastern

Central

Composite end

Date

Time

Bottle
Group(s)

Matrix (type, e.g., Salt, Fresh, etc)

Fresh

Diss. Oxygen

6.82

☒ mg/L☐ % sat

Total Res. Chlorine

(mg/L)

Temp

(C) 19.92

pH

7.36

Sample

Depth

0.3

☐ ft☒ m

Sp. Conductance

(umho/cm) 372

A

☐ Comp

Collection (comp begin or grab)

☒ Grab

Date 12/20/16

Time 1120

Eastern

Central

Composite end

Date

Time

Bottle
Group(s)

Matrix (type, e.g., Salt, Fresh, etc)

Fresh

Diss. Oxygen

2.01

☒ mg/L☐ % sat

Total Res. Chlorine

(mg/L)

Temp

(C) 21.99

pH

7.15

Sample

Depth

2.3

☐ ft☒ m

Sp. Conductance

(umho/cm) 444

A

☐ Comp

Collection (comp begin or grab)

☒ Grab

Date 12/20/16

Time 1230

Eastern

Central

Composite end

Date

Time

Bottle
Group(s)

Matrix (type, e.g., Salt, Fresh, etc)

Fresh

Diss. Oxygen

6.18

☒ mg/L☐ % sat

Total Res. Chlorine

(mg/L)

Temp

(C) 20.81

pH

7.63

Sample

Depth

0.3

☐ ft☒ m

Sp. Conductance

(umho/cm) 400

A

☐ Comp

Collection (comp begin or grab)

☒ Grab

Date 12/20/16

Time 1230

Eastern

Central

Composite end

Date

Time

ALGAL-ID

Relinquished By:

milon

Date/Time

12/20/16

Shipping Method

FedEx 1600

Number of Coolers Shipped:

1

Received By:

AJP

Date/Time

12-21-16/1135

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

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 5

CHLSUITE-W

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

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 5

W-PO4-F

Suwannee springs

Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: NE-DIST

Requester: Jeremy M. Parrish

Field Report Prepared By:

Project ID: SMP

Collected By:

Sampling Agency:

Location <u>Equipment Blank</u>		☒ Comp ☒ Grab	Collection (comp begin or grab) Date <u>12/20/16</u> Time <u>1135</u>		☒ Eastern ☒ Central	Composite end Date _____ Time _____		Bottle Group(s) (See pg 2)	
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		<u>A</u>	
STORET #		Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)			
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments				
Location		☐ Comp ☐ Grab	Collection (comp begin or grab) Date _____ Time _____		☐ Eastern ☐ Central	Composite end Date _____ Time _____		Bottle Group(s)	
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)			
STORET #		Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)			
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments				
Location		☐ Comp ☐ Grab	Collection (comp begin or grab) Date _____ Time _____		☐ Eastern ☐ Central	Composite end Date _____ Time _____		Bottle Group(s)	
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)			
STORET #		Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)			
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments				
Location		☐ Comp ☐ Grab	Collection (comp begin or grab) Date _____ Time _____		☐ Eastern ☐ Central	Composite end Date _____ Time _____		Bottle Group(s)	
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)			
STORET #		Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)			
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments				

Relinquished By: <u>Amiah</u>	Date/Time: <u>12/20/16</u> <u>1800</u>	Shipping Method: <u>FEDEX</u>	Number of Coolers Shipped: <u>(1)</u>	Received By: <u>ASB</u>	Date/Time: <u>12-21-16</u> <u>1135</u>
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Group: A	Bottle Type: P-1L	# of Bottles: 5	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: A	Bottle Type: BP-1L	# of Bottles: 5	Preservative: ICE	Enter Number of Bottles Sent to Lab _____
CHLSUITE-W				
Group: A	Bottle Type: P-500ML	# of Bottles: 5	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab _____
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 _____
W-PO4-F				

Date of Request: 07-NOV-2016
 Created By: PARRISH_J On: 07-NOV-2016
 Modified By: MATTHEWS_D On: 29-NOV-2016
 Customer: NE-DIST
 Project: SMP
 Division:
 District: Northeast District
 Sampling Event: Suwannee springs

Send Coolers To:

Phone: 904-256-1700
 8800 Baymeadows Way West

 Jacksonville, FL 32256-7577
 Attn: Jeremy Parrish

Program Module Number:
 Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 21-NOV-2016
 Biology Request Reviewed By: MATTHEWS_D On: 29-NOV-2016
 Sampling Kit Required: YES Ship on: 28-NOV-2016
 Sampling Kit Shipped: YES On: 12-DEC-2016
 Sampling Kit Packed By: SHAIK_A
 Preservatives Needed: NO
 Date to Receive Samples: 12-DEC-2016
 Received By: SHAIK_A On: 21-DEC-2016

Send Final Report To:

8800 Baymeadows Way West

 Jacksonville, FL 32256-7577
 Attn: Jeremy Parrish

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-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: 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

Group B
 ALGAL : ID

Log-in Checklist

RQ- 2016-12-12-13

Shipping Method: Fed Ex

Date/Time of Receipt: 12-21-16 11:35

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	
Reg	1-1C	21		☒			8184 14021899

*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: ABJ

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

Coolers Unpacked/Checked by: ABJ Date: 12-21-16 NCRs (Y/N)?

Event ID: Suwannee springs NCR #

NE-DIST-2016-12-21-01 (SMP)

Date Received: 21-DEC-2016 11:35

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: