Request Number: RQ-2016-07-25-04

Suwannee 3

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: Nicole frederick

Collected By: N. Frederick / J. Parrish

Sampling Agency: NE ROC

Location: 21030089 BLUES CREEK @ NW 71ST — DRY

Field ID:

STORET #:

Latitude: 29.717628 ☐dd ☐dms — Longitude: 82.418144 ☐dd ☐dms

☐ Comp ☒ Grab — Collection (comp begin or grab) Date: 7-26-16 Time: — Eastern / Central — Composite end Date: Time:

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

Diss. Oxygen: ☐ mg/L ☐ % sat — Total Res. Chlorine (mg/L):

Temp (C):

pH:

Sample Depth: ☐ ft ☐ m

Sp. Conductance (umho/cm):

Salinity (ppt):

Comments: DRY - NO SAMPLE

Bottle Group(s) (See pg 2): A DRY

Location: G1NE0018 TURKEY CR @NW 59TH — DRY

Field ID:

STORET #:

Latitude: 29.746839 ☒dd ☐dms — Longitude: 82.406766 ☒dd ☐dms

☐ Comp ☒ Grab — Collection (comp begin or grab) Date: 7-26-16 Time: — Eastern / Central — Composite end Date: Time:

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

Diss. Oxygen: ☐ mg/L ☐ % sat — Total Res. Chlorine (mg/L):

Temp (C):

pH:

Sample Depth: ☐ ft ☐ m

Sp. Conductance (umho/cm):

Salinity (ppt):

Comments: DRY - NO SAMPLE

Bottle Group(s): A DRY

Location: 21030152 HAUGUE BRANCH @441

Field ID:

STORET #:

Latitude: 29.770889 ☒dd ☐dms — Longitude: 82.429583 ☒dd ☐dms

☐ Comp ☒ Grab — Collection (comp begin or grab) Date: 7-26-16 Time: 1005 — Eastern / Central — Composite end Date: Time:

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

Diss. Oxygen: 7.75 / 90.3% ☐ mg/L ☐ % sat — Total Res. Chlorine (mg/L):

Temp (C): 23.99

pH: 7.29

Sample Depth: 0.10 ☐ ft ☒ m

Sp. Conductance (umho/cm): 449

Salinity (ppt): 0.22

Comments: Pesticides taken at Site / Algae Sample

Bottle Group(s): A (Algae sample taken) + Pesticides

Location: 21030112 MONTEOCHA @CR 340 — DRY

Field ID:

STORET #:

Latitude: 29.796604 ☐dd ☐dms — Longitude: 82.288674 ☐dd ☐dms

☐ Comp ☒ Grab — Collection (comp begin or grab) Date: 7-26-16 Time: — Eastern / Central — Composite end Date: Time:

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

Diss. Oxygen: ☐ mg/L ☐ % sat — Total Res. Chlorine (mg/L):

Temp (C): DRY - NO

pH:

Sample Depth: SAMPLE ☐ ft ☐ m

Sp. Conductance (umho/cm):

Salinity (ppt):

Comments: DRY NO SAMPLE

Bottle Group(s): A NO SAMPLE

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Nicole R	7-26-16 @ 1500	FEDEX	3	MB	7/28/16/10:24

Group: A	Bottle Type:	P-1L	# of Bottles: 6	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: 6	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	2
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 6	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: 6	Preservative:	ICE-FLTR	**Enter Number of Bottles Sent to Lab**	2
	W-PO4-F						
Group: B	Bottle Type:	BG-1L	# of Bottles: 2	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	2
	W-AHERB-AA W-GLYPH W-UHERB-AA						
Group: B	Bottle Type:	BG-1L	# of Bottles: 6	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	2
	W-PSCL-TQ						
Group: B	Bottle Type:	BG-1L	# of Bottles: 6	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	2
	W-PSNP-TQ						

Request Number: RQ-2016-07-25-04

Suwannee 3

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: NE-DIST

Project ID: SMP

Requester: Jeremy M. Parrish

Collected By: J. Parrish / N. Frederick

Field Report Prepared By: N. Frederick

Sampling Agency: NE ROC

Location 21030146 Rhuda @ 192 DRY

Field ID

STORET #

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 7-26-16 Time | Eastern / Central | Composite end Date Time | Bottle Group(s) (See pg 2): A NO SAMPLE

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

Temp (C) | pH | Sample Depth ☐ ft ☐ m | Sp. Conductance (umho/cm)

Latitude 29.83000 ☒ dd ☐ dms | Longitude 82.334139 ☒ dd ☐ dms | Salinity (ppt) | Comments: DRY - NO SAMPLE

Location FIELD BLANK

Field ID

STORET #

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 7-26-16 Time | Eastern / Central | Composite end Date Time | Bottle Group(s): A W/Pesticides

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

Temp (C) | pH | Sample Depth ☐ ft ☐ m | Sp. Conductance (umho/cm)

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms | Salinity (ppt) | Comments: FIELD BLANK

Location

Field ID

STORET #

☐ Comp ☐ Grab | Collection (comp begin or grab) Date Time | Eastern / Central | Composite end Date Time | Bottle Group(s)

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

Temp (C) | pH | Sample Depth ☐ ft ☐ m | Sp. Conductance (umho/cm)

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms | Salinity (ppt) | Comments

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Location

Field ID

STORET #

☐ Comp ☐ Grab | Collection (comp begin or grab) Date Time | Eastern / Central | Composite end Date Time | Bottle Group(s)

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

Temp (C) | pH | Sample Depth ☐ ft ☐ m | Sp. Conductance (umho/cm)

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms | Salinity (ppt) | Comments

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Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Nicole Lee	7-26-16 @ 1500	FEDEX	3	MLB	7/27/16 10:24

Group: A	Bottle Type:	P-1L	# of Bottles: 6	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: 6	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	2
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 6	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: 6	Preservative:	ICE-FLTR	**Enter Number of Bottles Sent to Lab**	2
	W-PO4-F						
Group: B	Bottle Type:	BG-1L	# of Bottles: 2	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	2
	W-AHERB-AA W-GLYPH W-UHERB-AA						
Group: B	Bottle Type:	BG-1L	# of Bottles: 6	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	2
	W-PSCL-TQ						
Group: B	Bottle Type:	BG-1L	# of Bottles: 6	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	2
	W-PSNP-TQ						

RQ-2016-07-25-04

Date of Request: 07-JUN-2016
Created By: PARRISH_J On: 07-JUN-2016
Modified By: WATTS_J On: 27-JUL-2016
Customer: NE-DIST
Project: SMP
Division:
District: Northeast District
Sampling Event: Suwannee 3

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: 27-JUL-2016
Biology Request Reviewed By: MATTHEWS_D On: 27-JUL-2016
Sampling Kit Required: NO Ship on:
Sampling Kit Shipped: YES On: 18-JUL-2016
Sampling Kit Packed By: SHAIK_A
Preservatives Needed: NO
Date to Receive Samples: 25-JUL-2016
Received By:

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

Comments:

Bottle Group A (Water) With 6 Samples:

Bottle Type: P-1L Number of Bottles: 6 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 Color (true)	Template: DEFAULT	(SM 2120 B) True Color measured at 450 nm
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: 6 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: 6 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: 6 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 (Water) With 2 Samples:

Bottle Type: BG-1L Number of Bottles: 2 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-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: 6 Preserved With: ICE

W-PSCL-TQ	Template: DEFAULT	(EPA 8270D) Organochlorine pesticides (ultra low level) in water matrices by GC/MS/MS

Bottle Group B (Water) With 2 Samples:

Bottle Type: BG-1L Number of Bottles: 6 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 Group C (Biological) With 1 Samples:

Bottle Type: PT-50ML Number of Bottles: 1 Preserved With: ICE

ALGAL_ID Template: DEFAULT (SOP-AB05) Qualitative assessment of algal taxa present without counts

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

Log-in Checklist

RQ- 2016-07-25-04

Shipping Method: Fedex

Date/Time of Receipt: 7/28/16/10:24

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	-0.7	6		✓			8010 1449 2680
Blue	1.3	12		✓			8010 1449 2533
Red	-1.6	5		✓			8010 1449 5381

*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: MB

**W-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes____ No____ NA ✓ Init: MB

Coolers Unpacked/Checked by: MB **Date:** 7/28/16 **NCRs (Y/N)?** (MB) N Y

Event ID: NE-DIST-2016-07-28-01 **NCR #** 5959

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:

Bowden, Magan

From: Frederick, Nicole
Sent: Thursday, July 28, 2016 12:48 PM
To: Bowden, Magan; Parrish, Jeremy M.
Cc: White, Ramsey
Subject: RE: RQ-2016-07-25-04

SORRY!! We ONLY sampled Haugue Branch @ 441. We also did a blank there for a Kit A and pesticides. Also, please make sure the date is correct. It was sampled 7/27/16 @1005.

Nicole Frederick
NE ROC
Florida Department of Environmental Protection
Email: Nicole.Frederick@dep.state.fl.us
Phone: 904-256-1541

From: Bowden, Magan
Sent: Thursday, July 28, 2016 12:13 PM
To: Parrish, Jeremy M. <Jeremy.M.Parrish@dep.state.fl.us>; Frederick, Nicole <Nicole.Frederick@dep.state.fl.us>
Cc: White, Ramsey <Ramsey.White@dep.state.fl.us>
Subject: RQ-2016-07-25-04

Jeremy/Nicole,

Good day, we received samples for RQ-2016-07-25-04 and there was some conflicting information between the containers and the sample submittal form. On the sample submittal form you indicated that you sent bottles for sites Haugue Branch @ 441 and a Field Blank. I have the bottle set for Haugue Branch @ 441, which matches the submittal form, however I also have bottles labeled for Rhuda @192, which were marked on the submittal form as no sample collected. We have no containers labeled or marked as Field Blanks, could you please clarify if the bottles with the label for Rhuda @192 are for Rhuda @192 or are they Field Blanks. Thanks for your help!

Thanks,
Magan Bowden
Laboratory Technician IV
DEP-Lab Support
Phone: 850-245-8153
Magan.Bowden@dep.state.fl.us

Bowden, Magan

From: Frederick, Nicole
Sent: Thursday, July 28, 2016 12:49 PM
To: Bowden, Magan; Parrish, Jeremy M.
Subject: RE: Time

7/27/16 @ 1015

Nicole Frederick
NE ROC
Florida Department of Environmental Protection
Email: Nicole.Frederick@dep.state.fl.us
Phone: 904-256-1541

From: Bowden, Magan
Sent: Thursday, July 28, 2016 11:31 AM
To: Frederick, Nicole <Nicole.Frederick@dep.state.fl.us>; Parrish, Jeremy M. <Jeremy.M.Parrish@dep.state.fl.us>
Subject: Time

Nicole/Jeremy,

I am missing the collection time for the Field Blank for RQ-2016-07-25-04. Could you verify the collection time?

Thanks,
Magan Bowden
Laboratory Technician IV
DEP-Lab Support
Phone: 850-245-8153
Magan.Bowden@dep.state.fl.us