



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes

No

WIN Station Name: Turtle Spring

Date: 4/10/19
(mm/dd/yyyy)

WIN/ Field ID: 22051013

WBID: 3422M

Latitude: 29.84739

(Decimal Degrees)

County: Lafayette

ORG ID: 21FLA

Longitude: -82.89028

(Decimal Degrees)

Receiving Body of Water: Suwannee River

RQ-2019-04-08-14

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
C. Ruben					X	X	X	X	
J. Parrish						X			

Sampling Equipment			
☒ Sample Container	☐ Van Dorn	☒ Pole	
☐ Carboy	☐ Syringe		
☐ Dipper	☐ Other		
Depth Measured with <u>meter</u>			
Equipment ID <u>Ortho #</u>			
Collection Method			
☒ Wading	☐ Canoe/Kayak		
☐ From Shore	☐ Electric Motor		
☐ Other	☐ Gasoline Motor		

Water Level: Dry/ Pooled/ Low / Normal / High / Flooded

Meter ID# PRO DSS Matrix: Fresh Marine/ DI

Photos: Yes / No Flow: No Flow / Intestinal / Flowing / NA Tide: Rising/ Falling/ Slack/ NA Tide Times: High Low

Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPT)	Sp COND (µmhos/cm)	Temp. (C°)
EST	1020	↑	1.53	1.43	1.40	16%	7.10	0.20	417	21.5
CEN		1.43	1.4							

Biological Samples Collected: None HA SCI RPS Algae ID LVS LVI Other:

SBIO ID Numbers: SBIO-ID: HA-ID: RPS-ID: Macrophyte-ID: LIMS#:

Parameter Suite	Parameter Methods	Preservation	Lot#	Expiration	pH Check
Preserved Nutrients	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☒ Ice ☐ H ₂ SO ₄	SA8274050	10/1/19	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO ₃			☐ <2
Filtered Nutrients	☒ W-PO4-F ☐ Field Filtered 0.45 µm Filter	☒ Ice	RBKA1722		
Chlorophyll	☒ CHL-SUITE-W	☒ Ice			
Physical/Aggregate (Fresh)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS	☒ Ice			
Physical/Aggregate (Marine)	☐ Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY	☐ Ice			
Macroinvertebrates	☐ MI-FW-QLDC	☐ Formalin			
Periphyton	☐ ALGAE-ID	☐ Ice			
Microbiology	☐ E Coli ☐ F Coli ☐ Enterococci	☐ Ice			
Molecular	☐ PCR-FILTER ☐ PCR-BacR ☐ PCR-GULLZ ☐ PCR-HF183 ☐ PCR-DG3 ☐ PCR-GFD	☐ Ice			
Tracers	☐ W-E8321-DI ☐ W-E8321-MS	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-E8321-DI ☐ W-PCL-SQ-R ☐ WE8321-MS ☐ W-CARB-AA	☐ Ice			
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C	☐ Ice			

Notes: Suwannee River high.

WIN ID/Field ID: 22051013

Turtle Spring

Signature: Chyane Date: 4/10/19

LIMS EVENT ID: 2019404-11-05 WIN Import ID:

Enter Field Parameters, Verify Station ID In LIMS DMT: 20 4/11/19 QC Station ID, Field Parameters In LIMS DMT: CR 4/17/19

Scan/Save Field Sheets Migrate Data to WIN: Verify Data In WIN:

Contains: 1:1 H2SO4
Lot No.: SA8274050
Expires: 10/01/19
See Safety Data Sheet (SDS)

Place Preserv



22051013

QA/QC Sample Information
Duplicate

Time Zone: <u>EST</u> CEN		Time: <u>1150</u>		Field ID: <u>Little Waccasassa River</u> (WIN ID + DUP)	
Parameter Suite	Parameter Methods	Preservation	Lot#	Expiration	pH Check
Preserved Nutrients	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☒ Ice ☒ H ₂ SO ₄	<u>SA8274050</u>	<u>10/1/19</u>	☒ < 2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO ₃			☐ < 2
Filtered Nutrients	☒ W-PO4-F ☐ Field Filtered 0.45 µm Filter	☒ Ice	<u>R8KA17522</u>		
Chlorophyll	☒ CHLSUITE-W	☒ Ice			
Physical/Aggregate (Fresh)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS	☒ Ice			
Physical/Aggregate (Marine)	☐ Alkalinity / W-F / W-TSS / TURBIDITY	☐ Ice			
Microbiology	☐ E Coli ☐ F Coli ☐ Enterococci	☐ Ice			
Molecular	☐ PCR-FILTER ☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-GFD	☐ Ice			
Tracers	☐ W-SUC-AA-R ☐ W-UHERB-AA ☐ W-AHERB-AA	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-AHERB-AA ☐ W-PYR-AA-R ☐ W-CARB-AA ☐ W-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Ice ☐ Other			

Contains: 1:1 H2SO4
Lot No.: SA8274050
Expires: 10/01/19
See Safety Data Sheet (SDS)

Place Preservation (If A)

SULFURIC ACID 45%
FURNIC
1.230 000-271
Contains: 1:1 H2SO4
May be corrosive to metals, tissues, eyes, and clothing. Use only outdoors or in a well-ventilated area. Do not breathe vapors or mist. Avoid contact with skin and eyes. If contact occurs, flush immediately with plenty of water. Do not get inside clothing. Do not ingest. Do not pour down drain. Dispose of in accordance with local, state, and federal regulations. For more information, see the Safety Data Sheet (SDS) on the back of this container.

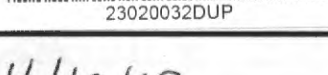
Blank

Time Zone: EST CEN		Time: <u>1155</u>		Field ID: <u>FB_04102019</u> (BLANK, DDMYYYYY)	
DI Source: <u>NE Roc Lab DI H2O</u>		Location: <u>Little Waccasassa</u>			
☒ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank		Equipment ID: <u>ortho #3</u>			
Parameter Suite	Parameter Methods	Preservation	Lot#	Expiration	pH Check
Preserved Nutrients	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☒ Ice ☒ H ₂ SO ₄	<u>SA8274050</u>	<u>10/1/19</u>	☒ < 2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO ₃			☐ < 2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	<u>R8KA17522</u>		
Chlorophyll	☐ CHLSUITE-W	☐ Ice			
Physical/Aggregate (Fresh)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS	☒ Ice			
Physical/Aggregate (Marine)	☐ Alkalinity / W-F / W-TSS / TURBIDITY	☐ Ice			
Microbiology	☐ E Coli ☐ F Coli ☐ Enterococci	☐ Ice			
Molecular	☐ PCR-FILTER ☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-GFD	☐ Ice			
Tracers	☐ W-SUC-AA-R ☐ W-UHERB-AA ☐ W-AHERB-AA	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-AHERB-AA ☐ W-PYR-AA-R ☐ W-CARB-AA ☐ W-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Other			

Contains: 1:1 H2SO4
Lot No.: SA8274050
Expires: 10/01/19
See Safety Data Sheet (SDS)

Place Preservation (If A)

SULFURIC ACID 45%
FURNIC
1.230 000-271
Contains: 1:1 H2SO4
Do not breathe vapors or mist. Causes severe skin burns and eye damage. May be corrosive to metals. Do not get inside clothing. Do not ingest. Do not pour down drain. Dispose of in accordance with local, state, and federal regulations. For more information, see the Safety Data Sheet (SDS) on the back of this container.

Notes: Location: <u>LITTLE WACCASASSA RIVER 0.5 MILES DOWN FROM BLUE SPRINGS</u> Field ID:  FB 04102019		WIN ID LITTLE WACCASASSA RIVER 0.5 MILE DOWN FROM BLUE SPRINGS FIELD ID  23020032  23020032DUP	
Signature: <u>Clyde R</u>		Date: <u>4/10/19</u>	

Enter Field Parameters, Verify Station ID in LIMS DMT: <u>20 4/10/19</u> (Initials/Date)		QC Station ID, Field Parameters in LIMS DMT: <u>CR 4/17/19</u> (Initials/Date)	
Scan/Save Field Sheets: _____ (Initials/Date)	Migrate Data to WIN: _____ (Initials/Date)	Verify Data in WIN: _____ (Initials/Date)	

Request Number: RQ-2019-04-08-14

Florida Department of Environmental Protection Central Laboratory Submittal Form

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Suwannee South

Customer: NE-DIST

Requester: Jeremy M. Parrish

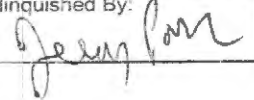
Field Report Prepared By: C. Ruben

Project ID: SMP

Collected By: C. Ruben / J. Parrish

Sampling Agency: FDEP NE-ROC

Location	WIN ID/Field ID:  22051013	☐ Comp ☒ Grab Date 4/10/19 Time 1020	☒ Eastern ☐ Central	Composite end Date — Time —	Bottle Group(s) (See pg 2)
Field ID	Turtle Spring	Matrix (type, e.g., Salt, Fresh, etc) Fresh	Diss. Oxygen 1.40	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) —
WIN/ST		Temp (C) 21.5	pH 7.16	Sample Depth 1.43	☐ ft ☒ m Sp. Conductance (umho/cm) 417
Latitude	☐ dms	☐ dd ☐ dms Salinity (ppt) 0.20	Comments		
Location	WIN ID/Field ID:  23020032	☐ Comp ☒ Grab Date 4/10/19 Time 1145	☒ Eastern ☐ Central	Composite end Date — Time —	Bottle Group(s)
Field ID	LITTLE WACCASASSA RIVER 0.5 MILE DOWN FROM BLUE SPRINGS	Matrix (type, e.g., Salt, Fresh, etc) Fresh	Diss. Oxygen 3.9	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) —
WIN/ST		Temp (C) 21.4	pH 7.28	Sample Depth 0.2	☐ ft ☒ m Sp. Conductance (umho/cm) 197
Latitude	☐ dms	☐ dd ☐ dms Salinity (ppt) 0.09	Comments		
Location	WIN ID:  23020032	☐ Comp ☒ Grab Date 4/10/19 Time 1150	☒ Eastern ☐ Central	Composite end Date — Time —	Bottle Group(s)
Field ID	LITTLE WACCASASSA RIVER 0.5 MILE DOWN FROM BLUE SPRINGS	Matrix (type, e.g., Salt, Fresh, etc) CR-Lab DI water	Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
WIN/ST		Temp (C)	pH	Sample Depth	☐ ft ☐ m Sp. Conductance (umho/cm)
Latitude	☐ dms	☐ dd ☐ dms Salinity (ppt)	Comments		
Location	Location: LITTLE WACCASASSA RIVER 0.5 MILES DOWN FROM BLUE SPRINGS	☐ Comp ☒ Grab Date 4/10/19 Time 1155	☒ Eastern ☐ Central	Composite end Date — Time —	Bottle Group(s)
Field ID	Field ID:  FB 04102019	Matrix (type, e.g., Salt, Fresh, etc) Lab DI water	Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
WIN/ST		Temp (C)	pH	Sample Depth	☐ ft ☐ m Sp. Conductance (umho/cm)
Latitude	☐ dms	☐ dd ☐ dms Salinity (ppt)	Comments		

Relinquished By: 	Date/Time: 4/10/19	Shipping Method: FedEx	Number of Coolers Shipped: 2	Received By:	Date/Time:
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Request Number: RQ-2019-04-08-14

Florida Department of Environmental Protection Central Laboratory Submittal Form

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Suwannee South

Customer: NE-DIST

Project ID: SMP

Requester: Jeremy M. Parrish

Field Report Prepared By: JPM

Collected By: JPM

Sampling Agency: Edap ne Dist

Location		WIN ID/Field ID: 20030925		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 4/10/19 Time 1245		Eastern Central		Composite end Date Time		Bottle Group(s) (See pg 2)	
Field ID		LAKE KANAPAH ~300M N of 56TH		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 0.3		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		B	
WIN/STO				Temp (C) 21.7		pH 6.87		Sample Depth 0.3		☐ ft ☒ m		Sp. Conductance (umho/cm) 441	
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Salinity (ppt) 0.24		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)			
WIN/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)			
WIN/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)			
WIN/STORET #				Temp (C)		pH		Sample Depth		☐ ft ☐ m		Sp. Conductance (umho/cm)	
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Salinity (ppt)		Comments			

Relinquished By: JPM	Date/Time: 4/10/19	Shipping Method: FedEx	Number of Coolers Shipped: 2	Received By:	Date/Time:
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Group: A	Bottle Type:	P-1L	# of Bottles: 2	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: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WI-THI	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2 Did not sample
	NED-AEL-EC						
Group: A	Bottle Type:	QPCR-P-500ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2 Did not sample
	PCR-FILTER						
Group: A	Bottle Type:	BG-500ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2 Did not sample
	W-E8321-DI						
	W-E8321-MS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 2	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: 2	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	2
	W-PO4-F						
Group: B	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						

Group: B	Bottle Type: W-TDS W-TSS	P-1L	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>2</u>
Group: B	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>2</u>
Group: B	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 2	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab <u>2</u>
Group: B	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 2	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab <u>2</u>
Group: C	Bottle Type: ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS	P-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>1</u>
Group: C	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>Did not sample</u>
Group: C	Bottle Type: W-E8321-DI W-E8321-MS	BG-500ML	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>1</u>
Group: C	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab <u>1</u>

Group: C

Bottle Type:

P-125ML

of Bottles: 1

Preservative: FILTER-ICE

Enter Number of Bottles Sent to Lab

1

W-PO4-F