

CALIBRATION AND VERIFICATION LOG (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000)

Boldly "X" this box if there are qualified data on this page.

Meter ID:

YSI VEST

RQ:

2019-11-18-13

Project:

LSR SW Boat

Notes: (1) Always wait for meter to stabilize before recording any readings.

(2) Report all digits displayed. Do not round before reporting measurements. (See special instructions for depth).

(3) For Calibrations, record calibrated meter reading. Do not record initial meter reading before calibration.

Temperature (Quarterly) FT 1400

Date of Last Temperature Verification

10/2019

DO DEP SOP FT 1500	Name	Date	Time CT-ET	Temp °C	Baro- meter mmHg	D.O. Chart mg/L	Meter D.O. mg/L	% DO	Probe Charge	Probe Gain	Pass / Fail	Lab / Field
Calibr.	J Parrish	11/18/19	730	22.0	758	8.7	8.7	99.9	-	1.045	P/F	L/F
ICV	J	+	732	22.0	758	8.75	8.76	100.0	-	1.045	P/F	L/F
CCV	B Davis	↓	1450	20.4	755.4	9.0	8.99	99.6	-	1.045	P/F	L/F
CCV											P/F	L/F

DO Acceptance criteria from Table ± 0.3 mg/L.

Rapid-Pulse Sensors: DO Gain Range 0.7 to 1.4; DO Charge Range 25-75.

Optical: DO gain range 0.85 to 1.15 (Pro DSS 0.75 to 1.50); DO charge N/A. Steady-state & Galvanic Sensors: DO Gain & Charge N/A.

Spec. Cond. FT 1200	Name	Date	Time CT-ET	Lot #	Expir. Date	Standard μ mhos/cm	Meter Reading μ mhos/cm	Pass / Fail	Lab / Field
Calibr.	J Parrish	11/18/19	734	190711B	7/20	1000	1000	P/F	L/F
ICV	J	11/18/19	735	190711A	7/20	100	104	P/F	L/F
CCV	B Davis	↓	1449	190711B	7/20	1000	999	P/F	L/F
CCV								P/F	L/F

Conductivity Acceptance criteria $\pm 5\%$

pH DEP SOP FT 1100	Name	Date	Time CT-ET	Lot #	Expir. Date	pH Buffer SU	Temp °C	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	J Parrish	11/18/19	745	2902778	1/21	7.00	22.5	7.01	31.5	P/F	L/F
Calibr.	J	+	747	2907062	7/21	4.00	22.6	4.00	147	P/F	L/F
Calibr.	J	+	748	2904E91	10/20	10.00	22.6	10.03	204.3	P/F	L/F
ICV	J	+	749	2907062	7/21	4.00	22.3	4.00	146.5	P/F	L/F
CCV	B Davis	↓	1451	2902778	1/21	7.01	22.9	7.01	29.2	P/F	L/F
CCV										P/F	L/F

pH Acceptance criteria ± 0.2 SU; mV pH 7 Range 0 ± 50 ;

mV pH 4 Range $+180 \pm 50$;

mV pH 10 Range -180 ± 50 ;

If mV are recorded: slope from 7 to 10 _____, slope from 4 to 7 _____ (both must be between 165 and 180 mV)

Does meter have a depth sensor that will be used to measure total depth & sample depth? YES / NO / NA (not surf. water project)

If YES, complete daily Calibr. & ICV below and list date of last quarterly depth verification: _____

If NO, what will be used? (circle one) Secchi Disk Line / Sonar Unique ID: _____; Date of last verification: 10/19

Depth Sensor (Daily Calibration & ICV)	Name	Date	Time CT-ET	Calibrated Value (0.00 or Offset), meters	ICV Value, meters	Pass / Fail	Lab / Field
Pressure mode in air	J Parrish	11/18/19	749	0.00	0.00	P/F	L/F

Report two decimal places. Round numbers ≤ 4 down, ≥ 5 up. ICV acceptance criteria $\pm 5\%$ or ± 0.05 m, whichever is greater.

COMMENTS:



Florida Department of Environmental Protection
Strategic Monitoring Program
Field Sheet

September 2019

Data Qualified?

Yes / No
☐ ☒

WIN Station Name BLACK CR @ RR BRIDGE BELOW MILLLOG CR

Date: 11/18/2019

WIN/Field ID: 20030204

WBID: 2415A

ENR:

Latitude: 30.0806

County: CLAY

Org ID: 21FLA

Longitude: -81.7611

Receiving Body of Water: Lower St. Johns

RQ-2019- 11-18-13

Sampling Team Members

	WQ MEASUREMENTS	SAMPLE COLLECTION	DOCUMENTATION	PRESERVATION	PRESERVATION CHECK
☒ Jeremy Parrish	X	X	X	X	X
☐ Amy Kalmbacher					
☐ Kimberly Applebee					
☒ Brian Davis	X	X	X	X	X

SAMPLE EQUIPMENT

☒ Sample Container ☐ Carboy
☐ Dipper ☐ Van Dorn ☐ Syringe
☐ Pole

Depth measured with:
Secchi Equipment ID:

COLLECTION METHOD

☐ Wading ☐ From Shore
☐ Canoe/Kayak ☐ Electric Motor
☒ Gasoline Motor

WATER LEVEL	☐ Normal ☐ Low ☒ High ☐ Dry ☐ Pooled ☐ Flooded					METER ID			
FLOW	FLOWING	PHOTOS		TIDE		HIGH TIDE		LOW TIDE	
BIOLOGICAL SAMPLES	☐ SCI ☐ HA ☐ RPS ☐ LVS ☐ Algae ID ☐ LVI								
SBIO ID NUMBERS	SBIO-ID:		HA-ID:		RPS-ID:		MACROPHYTE-ID:		LIMS#
NOTES:									

Duplicate Sample

Time Zone:		Time:		Field ID:	
WIN DMT Activity ID:					

Blank

Time Zone:		Time:		Field ID:	
DI Source:			Location:		
DI Type:			Equipment ID:		

LIMS EVENT ID:

WIN Import ID:

Enter Field Parameters, Verify Station ID In LIMS DMT:

QC Station ID, Field Parameters In LIMS DMT:

Scan/Save Field Sheets:

Migrate Data to WIN:

Verify Data in WIN:

RQ-2019-11-18-13					Collected By:		Jeremy Parrish , Brian Davis				
Customer:	WQAP	Project ID:	SMP		Field Report Prepared By:		Jeremy Parrish , Brian Davis				
Sampling Agency:	FDEP				Location:		BLACK CR @ RR BRIDGE BELOW MILLLOG CR				
WIN/Field ID:	20030204										
					Comments:						
Water Quality					Matrix:		Fresh		Check One:		☒ Grab
Date	Time	Sample Depth	Secchi (m)	Total Depth (m)	Temp C	pH	D.O. (mg/L)	D.O. (%)	Cond. (umho/cm)	Salinity (ppt)	
11/18/2019	10:25	0.3	0.6	10.3	16.4	6.01	4.9	50.1	93	0.04	
		7.2			16.8	6	4.8	49	93	0.04	
Parameter Suite		Parameter Methods				Preservation		pH Check	#Bottle Sent to Lab	Bottle Group	
Preserved Nutrients (BP-1L)		☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP				☒	☒ H2SO4	☒ pH < 2	1	A	
		Lot: Sa9203100		Exp: 7/22/20							
Metals (P-500ML)		☐ W-ICP, W-ICPMS				☐ Ice	☐ HNO3	☐ pH < 2		A	
		Lot:		Exp:							
Filtered Nutrients (P125ML)		☒ W-PO4-F		☒ Field Filtered 0.45 µm Filter		☒ Ice			1	A	
Chlorophyll (BP-1L)		☒ CHLSUITE-W				☒ Ice			1	A	
Physical/Aggregate (Fresh) (P-1L)		☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CI-IC / W-COLOR / W-SO4-IC / W-TDS				☒ Ice			1	A	
Physical/Aggregate (Marine) (P-1L)		☐ Alkalinity / W-BR-IC / W-F / W-TSS /				☐ Ice				A	
Macroinvertebrates (PJ-2L)		☐ MI-FW-QLDC				☐ Ice	☐ Formalin				
Periphyton (PT-50ML)		☐ ALGAE-ID				☐ Ice					
Microbiology (Contract Lab Bottle)		☒ E. coli		☐ Fecal	☐ Enterococci		☒ Ice			2	A
Molecular (QPCR-P-500ML)		☐ PCR-HF183		☐ PCR-BacR ☐ PCR-DG3	☐ PCR-GULL2 ☐ PCR-GFD		☐ Ice				A
Tracers (BG-500ML)		☐ W-E8321-DI			☐ W-E8321-MS		☐ Ice				A
Pesticides (BG-500ML) (BG-1L)		☐ W-PSNP-TQ		☐ W-CT-CL-R	☐ ARB-AA		☐ Ice				A
		☐ W-PCL-SQ-R		☐ W-E8321-	☐ 8321-DI						
Phytoplankton		☐ DTN-QN-C				☐ Ice				A	
Relinquished By: Jeremy Parrish , Brian Davis		Date/Time 11/18/2019 9:00 PM			Number of Coolers Shipped: 2			Received By:	Date/Time		



Florida Department of Environmental Protection
Strategic Monitoring Program
Field Sheet

September 2019

Data Qualified?

Yes / No
☐ ☒

WIN Station Name Mill Log Cr Downstream of Test Site

Date: 11/18/2019

WIN/Field ID: 20030304

WBID: 2423

ENR:

Latitude: 30.0792

County: CLAY

Org ID: 21FLA

Longitude: -81.7608

Receiving Body of Water: Lower St. Johns

RQ-2019- 11-18-13

Sampling Team Members

	WQ MEASUREMENTS	SAMPLE COLLECTION	DOCUMENTATION	PRESERVATION	PRESERVATION CHECK
☒ Jeremy Parrish	X	X	X	X	X
☐ Amy Kalmbacher					
☐ Kimberly Applebee					
☒ Brian Davis	X	X	X	X	X

SAMPLE EQUIPMENT

- ☒ Sample Container ☐ Carboy
☐ Dipper ☐ Van Dorn ☐ Syringe
☒ Pole

Depth measured with: Meter

Secchi Equipment ID:

COLLECTION METHOD

- ☐ Wading ☒ From Shore
☐ Canoe/Kayak ☐ Electric Motor
☐ Gasoline Motor

WATER LEVEL	☐ Normal ☐ Low ☒ High ☐ Dry ☐ Pooled ☐ Flooded						METER ID	DESI	
FLOW	FLOWING	PHOTOS		TIDE	FALLING	HIGH TIDE	500	LOW TIDE	1044
BIOLOGICAL SAMPLES	☐ SCI ☐ HA ☐ RPS ☐ LVS ☐ Algae ID ☐ LVI								
SBIO ID NUMBERS	SBIO-ID:		HA-ID:		RPS-ID:		MACROPHYTE-ID		LIMS#
NOTES:	VOB								

Duplicate Sample

Time Zone:		Time:		Field ID:	
WIN DMT Activity ID:					

Blank

Time Zone:		Time:		Field ID:	
DI Source:			Location:		
DI Type:			Equipment ID:		

LIMS EVENT ID:

WIN Import ID:

Enter Field Parameters, Verify Station ID In LIMS DMT:

QC Station ID, Field Parameters In LIMS DMT:

Scan/Save Field Sheets:

Migrate Data to WIN:

Verify Data in WIN:

RQ-2019-11-18-13					Collected By:		Jeremy Parrish , Brian Davis				
Customer:	WQAP	Project ID:	SMP	Field Report Prepared By:		Jeremy Parrish , Brian Davis					
Sampling Agency:	FDEP			Location:		Mill Log Cr Downstream of Test Site					
WIN/Field ID:	20030304										
				Comments:							
Water Quality				Matrix:		Fresh		Check One:		☒ Grab	
Date	Time	Sample Depth	Secchi (m)	Total Depth (m)	Temp C	pH	D.O. (mg/L)	D.O. (%)	Cond. (umho/cm)	Salinity (ppt)	
11/18/2019	10:05	0.15	0.3	0.3	14.6	6.04	3.69	36.3	106.6	0.05	
Parameter Suite		Parameter Methods				Preservation		pH Check	#Bottle Sent to Lab	Bottle Group	
Preserved Nutrients (BP-1L)		☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP				☒	☒ H2SO4	☒ pH < 2	1	A	
		Lot: SA8344070		Exp: 12-10-19							
Metals (P-500ML)		☐ W-ICP, W-ICPMS				☐ Ice	☐ HNO3	☐ pH < 2		A	
		Lot:		Exp:							
Filtered Nutrients (P125ML)		☒ W-PO4-F		☒ Field Filtered 0.45 µm Filter		☒ Ice			1	A	
Chlorophyll (BP-1L)		☒ CHLSUITE-W				☒ Ice			1	A	
Physical/Aggregate (Fresh) (P-1L)		☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CI-IC / W-COLOR / W-SO4-IC / W-TDS				☒ Ice			1	A	
Physical/Aggregate (Marine) (P-1L)		☐ Alkalinity / W-BR-IC / W-F / W-TSS /				☐ Ice				A	
Macroinvertebrates (PJ-2L)		☐ MI-FW-QLDC				☐ Ice	☐ Formalin				
Periphyton (PT-50ML)		☐ ALGAE-ID				☐ Ice					
Microbiology (Contract Lab Bottle)		☒ E. coli		☐ Fecal	☐ Enterococci		☒ Ice		1	A	
Molecular (QPCR-P-500ML)		☐ PCR-HF183		☐ PCR-BacR ☐ PCR-DG3	☐ PCR-GULL2 ☐ PCR-GFD		☐ Ice			A	
Tracers (BG-500ML)		☐ W-E8321-DI			☐ W-E8321-MS		☐ Ice			A	
Pesticides (BG-500ML) (BG-1L)		☐ W-PSNP-TQ		☐ W-CT-CL-R	☐ ARB-AA		☐ Ice			A	
		☐ W-PCL-SQ-R		☐ W-E8321-	☐ 8321-DI						
Phytoplankton		☐ DTN-QN-C				☐ Ice				A	
Relinquished By: Jeremy Parrish , Brian Davis		Date/Time 11/18/2019 9:00 PM			Number of Coolers Shipped: 2		Received By:		Date/Time		



Florida Department of Environmental Protection
Strategic Monitoring Program
Field Sheet

September 2019

Data Qualified?

Yes / No
☐ ☒

WIN Station Name South fork Black creek upstream of North Fork Black cr Date: 11/18/2019
WIN/Field ID: G2NE1127 WBID: 2415C ENR: Latitude: 30.0721
County: CLAY Org ID: 21FLA Longitude: -81.8489
Receiving Body of Water: Lower St. Johns RQ-2019- 11-18-13

Sampling Team Members	WQ MEASUREMENTS	SAMPLE COLLECTION	DOCUMENTATION	PRESERVATION	PRESERVATION CHECK
☒ Jeremy Parrish	X	X	X	X	X
☐ Amy Kalmbacher					
☐ Kimberly Applebee					
☒ Brian Davis	X	X	X	X	X

SAMPLE EQUIPMENT
☒ Sample Container ☐ Carboy ☐ Dipper ☐ Van Dorn ☐ Syringe ☐ Pole Depth measured with: Secchi Equipment ID:
COLLECTION METHOD
☐ Wading ☐ From Shore ☐ Canoe/Kayak ☐ Electric Motor ☒ Gasoline Motor

WATER LEVEL	☒ Normal ☐ Low ☐ High ☐ Dry ☐ Pooled ☐ Flooded						METER ID		
FLOW	FLOWING	PHOTOS		TIDE	FALLING	HIGH TIDE	500	LOW TIDE	1044
BIOLOGICAL SAMPLES	☐ SCI ☐ HA ☐ RPS ☐ LVS ☐ Algae ID ☐ LVI								
SBIO ID NUMBERS	SBIO-ID:		HA-ID:		RPS-ID:		MACROPHYTE-ID		LIMS#
NOTES:									

Duplicate Sample

Time Zone:		Time:		Field ID:	
WIN DMT Activity ID:					

Blank

Time Zone:		Time:		Field ID:	
DI Source:			Location:		
DI Type:			Equipment ID:		

LIMS EVENT ID: _____ WIN Import ID: _____

Enter Field Parameters, Verify Station ID In LIMS DMT: _____ QC Station ID, Field Parameters In LIMS DMT: _____

Scan/Save Field Sheets: _____ Migrate Data to WIN: _____ Verify Data in WIN: _____

RQ-2019-11-18-13					Collected By:		Jeremy Parrish , Brian Davis				
Customer:	WQAP	Project ID:	SMP	Field Report Prepared By:		Jeremy Parrish , Brian Davis					
Sampling Agency:	FDEP			Location:		South fork Black creek upstream of North Fork Black cr					
WIN/Field ID:	G2NE1127										
				Comments:							
Water Quality				Matrix:		Fresh		Check One:		☒ Grab	
Date	Time	Sample Depth	Secchi (m)	Total Depth (m)	Temp C	pH	D.O. (mg/L)	D.O. (%)	Cond. (umho/cm)	Salinity (ppt)	
11/18/2019	11:50	0.3	1	2.9	15.2	6.06	7.66	76.5	69.8	0.03	
		2.3			15	6.02	7.63	75.7	69.6	0.03	
Parameter Suite		Parameter Methods				Preservation		pH Check	#Bottle Sent to Lab	Bottle Group	
Preserved Nutrients (BP-1L)		☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP				☒	☒ H2SO4	☒ pH < 2	1	A	
		Lot: SA9203100		Exp: 7/22/20							
Metals (P-500ML)		☐ W-ICP, W-ICPMS				☐ Ice	☐ HNO3	☐ pH < 2		A	
		Lot:		Exp:							
Filtered Nutrients (P125ML)		☒ W-PO4-F		☒ Field Filtered 0.45 µm Filter		☒ Ice			1	A	
Chlorophyll (BP-1L)		☒ CHLSUITE-W				☒ Ice			1	A	
Physical/Aggregate (Fresh) (P-1L)		☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CI-IC / W-COLOR / W-SO4-IC / W-TDS				☒ Ice			1	A	
Physical/Aggregate (Marine) (P-1L)		☐ Alkalinity / W-BR-IC / W-F / W-TSS /				☐ Ice				A	
Macroinvertebrates (PJ-2L)		☐ MI-FW-QLDC				☐ Ice	☐ Formalin				
Periphyton (PT-50ML)		☐ ALGAE-ID				☐ Ice					
Microbiology (Contract Lab Bottle)		☒ E. coli		☐ Fecal		☐ Enterococci		☒ Ice		1	A
Molecular (QPCR-P-500ML)		☐ PCR-HF183		☐ PCR-BacR ☐ PCR-DG3		☐ PCR-GULL2 ☐ PCR-GFD		☐ Ice			A
Tracers (BG-500ML)		☐ W-E8321-DI			☐ W-E8321-MS			☐ Ice			A
Pesticides (BG-500ML) (BG-1L)		☐ W-PSNP-TQ		☐ W-CT-CL-R		☐ ARB-AA		☐ Ice			A
		☐ W-PCL-SQ-R		☐ W-E8321-		☐ 8321-DI					
Phytoplankton		☐ DTN-QN-C				☐ Ice				A	
Relinquished By: Jeremy Parrish , Brian Davis		Date/Time 11/18/2019 9:00 PM			Number of Coolers Shipped: 2			Received By:	Date/Time		



Florida Department of Environmental Protection
Strategic Monitoring Program
Field Sheet

September 2019

Data Qualified?

Yes / No
☐ ☒

WIN Station Name Little Black Creek 200m above mouth

Date: 11/18/2019

WIN/Field ID: G2NE1184

WBID: 2368

ENR:

Latitude: 30.0855

County: CLAY

Org ID: 21FLA

Longitude: -81.7884

Receiving Body of Water: Lower St. Johns

RQ-2019- 11-18-13

Sampling Team Members

	WQ MEASUREMENTS	SAMPLE COLLECTION	DOCUMENTATION	PRESERVATION	PRESERVATION CHECK
☒ Jeremy Parrish	X	X	X	X	X
☐ Amy Kalmbacher					
☐ Kimberly Applebee					
☒ Brian Davis	X	X	X	X	X

SAMPLE EQUIPMENT

- ☒ Sample Container ☐ Carboy
☐ Dipper ☐ Van Dorn ☐ Syringe
☐ Pole

Depth measured with: Sonar

Secchi Equipment ID:

COLLECTION METHOD

- ☐ Wading ☐ From Shore
☐ Canoe/Kayak ☐ Electric Motor
☒ Gasoline Motor

WATER LEVEL	☐ Normal ☐ Low ☒ High ☐ Dry ☐ Pooled ☐ Flooded						METER ID	DESI	
FLOW	FLOWING	PHOTOS		TIDE	FALLING	HIGH TIDE	500	LOW TIDE	1044
BIOLOGICAL SAMPLES	☐ SCI ☐ HA ☐ RPS ☐ LVS ☐ Algae ID ☐ LVI								
SBIO ID NUMBERS	SBIO-ID:		HA-ID:		RPS-ID:		MACROPHYTE-ID		LIMS#
NOTES:									

Duplicate Sample

Time Zone:		Time:		Field ID:	
WIN DMT Activity ID:					

Blank

Time Zone:		Time:		Field ID:	
DI Source:			Location:		
DI Type:			Equipment ID:		

LIMS EVENT ID:

WIN Import ID:

Enter Field Parameters, Verify Station ID In LIMS DMT:

QC Station ID, Field Parameters In LIMS DMT:

Scan/Save Field Sheets:

Migrate Data to WIN:

Verify Data in WIN:

RQ-2019-11-18-13					Collected By:		Jeremy Parrish , Brian Davis				
Customer:	WQAP	Project ID:	SMP	Field Report Prepared By:		Jeremy Parrish , Brian Davis					
Sampling Agency:	FDEP			Location:		Little Black Creek 200m above mouth					
WIN/Field ID:	G2NE1184										
				Comments:							
Water Quality				Matrix:		Fresh		Check One:		☒ Grab	
Date	Time	Sample Depth	Secchi (m)	Total Depth (m)	Temp C	pH	D.O. (mg/L)	D.O. (%)	Cond. (umho/cm)	Salinity (ppt)	
11/18/2019	10:50	0.3	0.7	3.8	14.3	6.24	3.78	36.9	120.6	0.06	
		3.3			14.2	6.23	3.74	36.5	121.3	0.06	
Parameter Suite		Parameter Methods				Preservation		pH Check	#Bottle Sent to Lab	Bottle Group	
Preserved Nutrients (BP-1L)		☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP				☒	☒ H2SO4	☒ pH < 2	1	A	
		Lot: Sa9203100		Exp: 7-22-20							
Metals (P-500ML)		☐ W-ICP, W-ICPMS				☐ Ice	☐ HNO3	☐ pH < 2		A	
		Lot:		Exp:							
Filtered Nutrients (P125ML)		☒ W-PO4-F		☒ Field Filtered 0.45 µm Filter		☒ Ice			1	A	
Chlorophyll (BP-1L)		☒ CHLSUITE-W				☒ Ice			1	A	
Physical/Aggregate (Fresh) (P-1L)		☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CI-IC / W-COLOR / W-SO4-IC / W-TDS				☒ Ice			1	A	
Physical/Aggregate (Marine) (P-1L)		☐ Alkalinity / W-BR-IC / W-F / W-TSS /				☐ Ice				A	
Macroinvertebrates (PJ-2L)		☐ MI-FW-QLDC				☐ Ice	☐ Formalin				
Periphyton (PT-50ML)		☐ ALGAE-ID				☐ Ice					
Microbiology (Contract Lab Bottle)		☒ E. coli		☐ Fecal	☐ Enterococci		☒ Ice			2	A
Molecular (QPCR-P-500ML)		☐ PCR-HF183		☐ PCR-BacR ☐ PCR-DG3	☐ PCR-GULL2 ☐ PCR-GFD		☐ Ice				A
Tracers (BG-500ML)		☐ W-E8321-DI			☐ W-E8321-MS		☐ Ice				A
Pesticides (BG-500ML) (BG-1L)		☐ W-PSNP-TQ		☐ W-CT-CL-R	☐ ARB-AA		☐ Ice				A
		☐ W-PCL-SQ-R		☐ W-E8321-	☐ 8321-DI						
Phytoplankton		☐ DTN-QN-C				☐ Ice				A	
Relinquished By: Jeremy Parrish , Brian Davis		Date/Time 11/18/2019 9:00 PM			Number of Coolers Shipped: 2		Received By:		Date/Time		



Florida Department of Environmental Protection
Strategic Monitoring Program
Field Sheet

September 2019

Data Qualified?

Yes / No
☐ ☒

WIN Station Name Grog branch 150m above mouth

Date: 11/18/2019

WIN/Field ID: G2NE1185

WBID: 2407

ENR:

Latitude: 30.0795

County: CLAY

Org ID: 21FLA

Longitude: -81.8351

Receiving Body of Water: Lower St. Johns

RQ-2019- 11-18-13

Sampling Team Members

	WQ MEASUREMENTS	SAMPLE COLLECTION	DOCUMENTATION	PRESERVATION	PRESERVATION CHECK
☒ Jeremy Parrish	X	X	X	X	X
☐ Amy Kalmbacher					
☐ Kimberly Applebee					
☒ Brian Davis	X	X	X	X	X

SAMPLE EQUIPMENT

- ☒ Sample Container ☐ Carboy
☐ Dipper ☐ Van Dorn ☐ Syringe
☐ Pole

Depth measured with: Sonar

Secchi Equipment ID:

COLLECTION METHOD

- ☐ Wading ☐ From Shore
☐ Canoe/Kayak ☐ Electric Motor
☒ Gasoline Motor

WATER LEVEL	☒ Normal ☐ Low ☐ High ☐ Dry ☐ Pooled ☐ Flooded						METER ID	DESI	
FLOW	FLOWING	PHOTOS		TIDE	FALLING	HIGH TIDE	500	LOW TIDE	1044
BIOLOGICAL SAMPLES	☐ SCI ☐ HA ☐ RPS ☐ LVS ☐ Algae ID ☐ LVI								
SBIO ID NUMBERS	SBIO-ID:		HA-ID:		RPS-ID:		MACROPHYTE-ID		LIMS#
NOTES:									

Duplicate Sample

Time Zone:		Time:		Field ID:	
WIN DMT Activity ID:					

Blank

Time Zone:		Time:		Field ID:	
DI Source:			Location:		
DI Type:			Equipment ID:		

LIMS EVENT ID:

WIN Import ID:

Enter Field Parameters, Verify Station ID In LIMS DMT:

QC Station ID, Field Parameters In LIMS DMT:

Scan/Save Field Sheets:

Migrate Data to WIN:

Verify Data in WIN:

RQ-2019-11-18-13					Collected By:		Jeremy Parrish , Brian Davis				
Customer:	WQAP	Project ID:	SMP	Field Report Prepared By:		Jeremy Parrish , Brian Davis					
Sampling Agency:	FDEP			Location:		Grog branch 150m above mouth					
WIN/Field ID:	G2NE1185										
				Comments:							
Water Quality				Matrix:		Fresh		Check One:		☒ Grab	
Date	Time	Sample Depth	Secchi (m)	Total Depth (m)	Temp C	pH	D.O. (mg/L)	D.O. (%)	Cond. (umho/cm)	Salinity (ppt)	
11/18/2019	11:30	0.3	0.5	2.2	14.3	6.17	5.35	52.6	98	0.05	
		1.8			13.5	6.24	3.32	31.3	116	0.05	
Parameter Suite		Parameter Methods				Preservation		pH Check	#Bottle Sent to Lab	Bottle Group	
Preserved Nutrients (BP-1L)		☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP				☒	☒ H2SO4	☒ pH < 2	1	A	
		Lot: Sa9203100		Exp: 7/22/20							
Metals (P-500ML)		☐ W-ICP, W-ICPMS				☐ Ice	☐ HNO3	☐ pH < 2		A	
		Lot:		Exp:							
Filtered Nutrients (P125ML)		☒ W-PO4-F		☒ Field Filtered 0.45 µm Filter		☒ Ice			1	A	
Chlorophyll (BP-1L)		☒ CHLSUITE-W				☒ Ice			1	A	
Physical/Aggregate (Fresh) (P-1L)		☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CI-IC / W-COLOR / W-SO4-IC / W-TDS				☒ Ice			1	A	
Physical/Aggregate (Marine) (P-1L)		☐ Alkalinity / W-BR-IC / W-F / W-TSS /				☐ Ice				A	
Macroinvertebrates (PJ-2L)		☐ MI-FW-QLDC				☐ Ice	☐ Formalin				
Periphyton (PT-50ML)		☐ ALGAE-ID				☐ Ice					
Microbiology (Contract Lab Bottle)		☒ E. coli		☐ Fecal	☐ Enterococci	☒ Ice			2	A	
Molecular (QPCR-P-500ML)		☐ PCR-HF183		☐ PCR-BacR ☐ PCR-DG3	☐ PCR-GULL2 ☐ PCR-GFD	☐ Ice				A	
Tracers (BG-500ML)		☐ W-E8321-DI			☐ W-E8321-MS		☐ Ice				A
Pesticides (BG-500ML) (BG-1L)		☐ W-PSNP-TQ		☐ W-CT-CL-R	☐ ARB-AA	☐ Ice				A	
		☐ W-PCL-SQ-R		☐ W-E8321-	☐ 8321-DI						
Phytoplankton		☐ DTN-QN-C				☐ Ice				A	
Relinquished By: Jeremy Parrish , Brian Davis		Date/Time 11/18/2019 9:00 PM			Number of Coolers Shipped: 2		Received By:		Date/Time		

