

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: 155077

RQ: 2021-02-22-11

Project: Smp

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 2/9/21

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.	<u>S. Node</u>	<u>2/24/21</u>	<u>0720</u>	<u>20.5</u>	<u>765.2</u>	<u>9.0</u>	<u>9.05</u>	<u>100.0</u>	<u>-</u>	<u>-</u>	<u>P / F</u>	<u>L / F</u>
ICV	<u>S. Node</u>	<u>2/24/21</u>	<u>0722</u>	<u>20.6</u>	<u>765.2</u>	<u>9.0</u>	<u>9.05</u>	<u>100.0</u>	<u>-</u>	<u>-</u>	<u>P / F</u>	<u>L / F</u>
CCV	<u>S. Node</u>	<u>2/24/21</u>	<u>1520</u>	<u>20.2</u>	<u>763.9</u>	<u>8.9</u>	<u>9.05</u>	<u>101.5</u>	<u>-</u>	<u>-</u>	<u>P / F</u>	<u>L / F</u>
CCV											<u>P / F</u>	<u>L / F</u>

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 hos/cm	Meter Reading μ hos/cm	Pass / Fail	Lab / Field
Calibr.	<u>S. Node</u>	<u>2/24/21</u>	<u>0724</u>	<u>200124B</u>	<u>2/2021</u>	<u>1000</u>	<u>1001</u>	<u>P / F</u>	<u>L / F</u>
ICV	<u>S. Node</u>	<u>2/24/21</u>	<u>0726</u>	<u>200124C</u>	<u>2/2021</u>	<u>10000</u>	<u>10189</u>	<u>P / F</u>	<u>L / F</u>
CCV	<u>S. Node</u>	<u>2/24/21</u>	<u>1522</u>	<u>200124D</u>	<u>2/2021</u>	<u>50000</u>	<u>51310</u>	<u>P / F</u>	<u>L / F</u>
CCV	<u>S. Node</u>	<u>2/24/21</u>	<u>1524</u>	<u>201013A</u>	<u>10/2021</u>	<u>100</u>	<u>101.4</u>	<u>P / F</u>	<u>L / F</u>

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.	<u>S. Node</u>	<u>2/24/21</u>	<u>0728</u>	<u>202114</u>	<u>05/2022</u>	<u>7.</u>	<u>20.1</u>	<u>7.04</u>	<u>31.1</u>	<u>P / F</u>	<u>L / F</u>
Calibr.	<u>S. Node</u>	<u>2/24/21</u>	<u>0730</u>	<u>203620</u>	<u>06/2022</u>	<u>4.</u>	<u>20.2</u>	<u>4.00</u>	<u>143.5</u>	<u>P / F</u>	<u>L / F</u>
Calibr.	<u>S. Node</u>	<u>2/24/21</u>	<u>0732</u>	<u>201473</u>	<u>05/2022</u>	<u>10.</u>	<u>19.6</u>	<u>10.06</u>	<u>-195.0</u>	<u>P / F</u>	<u>L / F</u>
ICV	<u>S. Node</u>	<u>2/24/21</u>	<u>0734</u>	<u>203620</u>	<u>06/2022</u>	<u>4.0</u>	<u>20.0</u>	<u>3.84</u>	<u>150.1</u>	<u>P / F</u>	<u>L / F</u>
CCV	<u>S. Node</u>	<u>2/24/21</u>	<u>1526</u>	<u>201473</u>	<u>05/2022</u>	<u>10.00</u>	<u>20.6</u>	<u>9.99</u>	<u>-143.5</u>	<u>P / F</u>	<u>L / F</u>
CCV										<u>P / F</u>	<u>L / F</u>

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 10 163.9, slope from 4 to 7 174.6 (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: 2/9/21

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

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	<u>S. Node</u>	<u>2/24/21</u>	<u>0735</u>	<u>0.000</u>	<u>0.000</u>	<u>P / F</u>	<u>L / F</u>

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

COMMENTS: G3NW0186 (Boggy Bayou), G3NW0182 (Joe's Bayou), G3NW0163 (Alaqua Ck), G3NW0443 (Alaqua Ck).

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CHAIN OF CUSTODY FORM

Date: 2/24/2021
Collected By: Frank Butera, Christopher Stopher
Slade
Customer: NW-DIST
Sampling Agency: FDEP
RQ: RQ-2021-02-22-11
Project ID: SMP

PLEASE RETURN THE ORIGINAL OF THIS FORM WITH SAMPLE SUBMITTAL
FORMS AND THE COOLER PACKING WORKSHEET TO THE LAB

Number of Coolers Shipped: 2

FIELD ID (Labels) submitted under this RQ for this collection date.

Site Location	Field ID/WIN ID
Alaqua Creek At Park Boat Ramp	 G3NW0163
Alaqua Creek Below Portland Park	 G3NW0443
Joes Bayou	 G3NW0182
Boggy Bayou Mouth	 G3NW0186

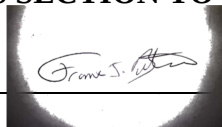
RELINQUISHED BY(SIGNATURE):

DATE/TIME:

02-24-2021/ 16:30

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By:



Rec'd/Inspected Date:



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2020

Meter Passed End

of Day CCV

Yes / No

WIN Station Name: Alaqua Creek At Park Boat Ramp

Date: 2/24/2021

WIN/Field ID: G3NW0163

WBID: 351A

ENR:

Latitude: 30.51254

County: WALTON

Org ID: 21FLPNS

Longitude: -86.18635

Receiving Body of Water: Choctawhatchee - St. Andrew

RQ- 2021-02-22-11

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
☒	Frank Butera	x		x		
☒	Christopher Stopher Slade		x		x	x
☐						
☐						

Sampling Equipment	
☐ Sample Container	☐ Carboy
☐ Dipper	☐ Van Dorn
☐ Syringe	☒ Pole
Depth measured with: Meter	
Secchi Equipment ID:	
Collection Method	
☐ Wading	☐ Canoe/Kayak
☐ From Shore	☐ Electric Motor
☒ Other	☐ Gasoline Motor

Water Level: ☐ Normal ☐ Low ☒ High ☐ Dry ☐ Pooled ☐ Flooded		Meter ID# 155077 (PRODSS)
Photos: NO	Flow: FLOW	Tide: Tide Times: High: Low:
Biological Samples Collected: ☒ None ☐ HA ☐ SCI ☐ RPS ☐ Algae ID ☐ LVS ☐ LVI Other:		
SBIO ID Numbers:		
Notes: DEER CARCASS AT BOAT RAMP		

Duplicate Sample

Time Zone: CEN	Time:	Field ID: N/A	(WIN ID_DUP)
WIN DMT Activity ID:			

Blank

Time Zone:	Time:	Field ID:	(Blank Type_DDDMMYYY)
DI Source:		Location:	
DI Type:		Equipment ID:	
DI Container (Name/ID):		DI Container Type:	

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 03/02/2021 Migrate Data to WIN: Verify Data In WIN:



RQ-2021-02-22-11

Customer: WQAP

Project ID: SMP

Collected By: Frank Butera, Christopher Stopher Slade

Field Report Prepared By: Frank Butera

Sampling Agency: FDEP

Place Label Here

WIN ID/Field ID:



G3NW0163

Location: Alaqua Creek At Park Boat Ramp

Comments: Microbiology sample(s) submitted to contract laboratory

Matrix: Fresh

(Check one)

☒ GRAB☐ COMPOSITE

Date	Time	DO (mg/L)	DO (%SAT)	Temp. (C°)	pH	Sample Depth (m)	Secchi Disk (m)	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPT)
2/24/2021	950 CEN	9.32	87.3	12.8	5.22	0.3	1.7 ☐ VOB (S)	2.9	25.3	0.01
	1000	9.31	87	12.7	5.19	2.0	Central Lab please use top row for login purposes		25.9	0.01
	955 CEN	9.31	87	12.7	5.17	2.4			25.5	0.01

Parameter Suite	Parameter Methods	Preservation	pH Check	# Bottles sent to Lab	Bottle Group
Preserved Nutrients (P-500ML)	☐ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP Lot # _____ Exp: _____	☐ Ice ☐ H2SO4*	☐ <2		
Metals (P-500ML)	☐ W-ICPMS ☐ W-ICP ☐ W-HARD Lot # _____ Exp: _____	☐ Ice ☐ HNO3*	☐ <2		
Filtered Nutrients (P125ML)	☐ W-PO4-F ☐ Field Filtered 0.45 µm Filter Filter Lot # _____ Syringe Lot # _____	☐ Ice			
Chlorophyll (BP-1L)	☐ CHLSUITE-W	☐ Ice			
Physical/Aggregate (Fresh) (P-1L)	☐ Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W-TDS	☐ Ice			
Physical/Aggregate (Marine) (P-1L)	☐ Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY	☐ Ice			
Macroinvertebrates (PJ-2L)	☐ MI-FW-QLDC	☐ Formalin			
Periphyton (PT-50ML)	☐ ALGAE-ID	☐ Ice			
Microbiology (Contract Lab Bottle)	☒ E Coli ☐ F Coli ☐ Enterococci ☒ Contract Lab	☒ Ice		1	C
Molecular (QPCR-P-500ML)	☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-DG3 ☐ PCR-GULL2 ☐ PCR-GFD	☐ Ice			
Tracers (BG-500ML)	☐ W-E8321-DI ☐ W-E8321-MS	☐ Ice			
Pesticides (BG-500ML) (BG-1L)	☐ W-E8321-DI ☐ WE8321-MS ☐ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-PCL-SQ-R ☐ W-CARB-AA (5 ml of MCAA** Buffer Solution) ☐ W-DIELDRIN	☐ Ice			
Phytoplankton/Periphyton	DTM-QL-C ☐ PEN-QL-C ☐ DTY-QN-C ☐ PKD-QN-C DTM-QN-C ☐ PRN-QN-C ☐ PKD-QN-BV ☐	☐ Ice			

Name:
Frank Butera
Christopher Stopher Slade

Signature:

Date:

02/24/2021

*2.0 ml of Preservative used unless noted otherwise.

**MCAA: Monochloroacetic acid buffer solution



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2020

Meter Passed End

Day CCV

Yes / No

WIN Station Name: Joes Bayou

Date: 2/24/2021

WIN/Field ID: G3NW0182

WBID: 906

ENR:

Latitude: 30.406945

County: OKALOOSA

Org ID: 21FLPNS

Longitude: -86.486463

Receiving Body of Water: Choctawhatchee - St. Andrew

RQ- 2021-02-22-11

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
☒	Christopher Stopher Slade		x		x	x
☒	Frank Butera	x		x		
☐						
☐						

Sampling Equipment	
☒ Sample Container	☐ Carboy
☐ Dipper	☐ Van Dorn
☒ Syringe	☐ Pole
Depth measured with: Meter	
Secchi Equipment ID:	
Collection Method	
☐ Wading	☐ Canoe/Kayak
☐ From Shore	☐ Electric Motor
☐ Other	☒ Gasoline Motor

Water Level: ☒ Normal ☐ Low ☐ High ☐ Dry ☐ Pooled ☐ Flooded						Meter ID# 155077 (PRODSS)	
Photos: YES		Flow: FLOW		Tide: RISING		Tide Times: High: 20:18 Low: 06:32	
Biological Samples Collected:		☒ None	☐ HA	☐ SCI	☐ RPS	☐ Algae ID	☐ LVS ☐ LVI Other:
SBIO ID Numbers:							
Notes:							

Duplicate Sample

Time Zone: CEN	Time:	Field ID: N/A	(WIN ID_DUP)
WIN DMT Activity ID:			

Blank

Time Zone:	Time:	Field ID:	(Blank Type_DDDMMYY)
DI Source:	Location:		
DI Type:	Equipment ID:		
DI Container (Name/ID):		DI Container Type:	

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 *FB* 03/02/2021 Migrate Data to WIN: Verify Data In WIN:



RQ-2021-02-22-11

Customer: WQAP

Project ID: SMP

Collected By: Christopher Stopher Slade, Frank Butera

Field Report Prepared By: Christopher Stopher Slade

Sampling Agency: FDEP

Place Label Here

WIN ID/Field ID:



G3NW0182

Location: Joes Bayou

Comments: Microbiology sample(s) submitted to 2 contract laboratories. UWF and Test America

Matrix: Marine

(Check one)

☒ GRAB☐ COMPOSITE

Date	Time	DO (mg/L)	DO (%SAT)	Temp. (C°)	pH	Sample Depth (m)	Secchi Disk (m)	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPT _h)
2/24/2021	1200 CEN	10.52	110.7	15.5	8.01	0.3	2.4 ☐ VOB (S)	2.7	22000	13.23
	1207	10.01	110	14	8.08	2.0	Central Lab please use top row for login purposes		32850	20.59
	1211 CEN	9.55	106	14.1	8.04	2.2			36600	23.2

Parameter Suite	Parameter Methods	Preservation	pH Check	# Bottles sent to Lab	Bottle Group
Preserved Nutrients (P-500ML)	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP Lot # SA0293040 Exp: 10/19/2021	☒ Ice ☒ H2SO4*	☒ <2	1	B
Metals (P-500ML)	☐ W-ICPMS ☐ W-ICP ☐ W-HARD Lot # Exp:	☐ Ice ☐ HNO3*	☐ <2		
Filtered Nutrients (P125ML)	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter Filter Lot # 17097890 Syringe Lot # 0079929	☒ Ice		1	B
Chlorophyll (BP-1L)	☒ CHLSUITE-W	☒ Ice		1	B
Physical/Aggregate (Fresh) (P-1L)	☐ Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W-TDS	☐ Ice			
Physical/Aggregate (Marine) (P-1L)	☒ Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY	☒ Ice		1	B
Macroinvertebrates (PJ-2L)	☐ MI-FW-QLDC	☐ Formalin			
Periphyton (PT-50ML)	☐ ALGAE-ID	☐ Ice			
Microbiology (Contract Lab Bottle)	☒ E Coli ☒ F Coli ☒ Enterococci ☒ Contract Lab	☒ Ice		2	B
Molecular (QPCR-P-500ML)	☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-DG3 ☐ PCR-GULL2 ☐ PCR-GFD	☐ Ice			
Tracers (BG-500ML)	☐ W-E8321-DI ☐ W-E8321-MS	☐ Ice			
Pesticides (BG-500ML) (BG-1L)	☐ W-E8321-DI ☐ WE8321-MS ☐ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-PCL-SQ-R ☐ W-CARB-AA (5 ml of MCAA** Buffer Solution) ☐ W-DIELDRIN	☐ Ice			
Phytoplankton/Periphyton	DTM-QL-C PEN-QL-C DTY-QN-C PKD-QN-C DTM-QN-C PRN-QN-C PKD-QN-BV	☐ Ice			

Name:
Christopher Stopher Slade
Frank Butera

Signature:

Date:

02/24/2021

*2.0 ml of Preservative used unless noted otherwise.

**MCAA: Monochloroacetic acid buffer solution



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2020

Meter Passed End

✓ f Day CCV

Yes / No

WIN Station Name: Boggy Bayou Mouth

Date: 2/24/2021

WIN/Field ID: G3NW0186

WBID: 692

ENR:

Latitude: 30.48580127

County: OKALOOSA

Org ID: 21FLPNS

Longitude: -86.47764556

Receiving Body of Water: Choctawhatchee - St. Andrew

RQ: 2021-02-22-11

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
☒ Frank Butera	☒	☐	☒	☐	☐
☒ Christopher Stopher Slade	☐	☒	☐	☒	☒
☐	☐	☐	☐	☐	☐
☐	☐	☐	☐	☐	☐

Sampling Equipment	
☒ Sample Container	☐ Carboy
☐ Dipper	☐ Van Dorn
☒ Syringe	☐ Pole
Depth measured with: Meter	
Secchi Equipment ID:	
Collection Method	
☐ Wading	☐ Canoe/Kayak
☐ From Shore	☐ Electric Motor
☐ Other	☒ Gasoline Motor

Water Level: ☒ Normal ☐ Low ☐ High ☐ Dry ☐ Pooled ☐ Flooded		Meter ID# 155077 (PRODSS)	
Photos: YES	Flow: FLOW	Tide: RISING	Tide Times: High: 20:18 Low: 06:32
Biological Samples Collected: ☒ None ☐ HA ☐ SCI ☐ RPS ☐ Algae ID ☐ LVS ☐ LVI Other:			
SBIO ID Numbers:			
Notes:			

Duplicate Sample

Time Zone: CEN	Time:	Field ID: N/A	(WIN ID_DUP)
WIN DMT Activity ID:			

Blank

Time Zone:	Time:	Field ID:	(Blank Type_DDDMMYYY)
DI Source:	Location:		
DI Type:	Equipment ID:		
DI Container (Name/ID):		DI Container Type:	

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 *FB* 03/02/2021 Migrate Data to WIN: Verify Data In WIN:



RQ-2021-02-22-11

Customer: WQAP

Project ID: SMP

Collected By: Frank Butera, Christopher Stopher Slade

Field Report Prepared By: Frank Butera

Sampling Agency: FDEP

Place Label Here

WIN ID/Field ID:



G3NW0186

Location: Boggy Bayou Mouth

Comments:

Matrix: Marine

(Check one)

☒ GRAB☐ COMPOSITE

Date	Time	DO (mg/L)	DO (%SAT)	Temp. (C°)	pH	Sample Depth (m)	Secchi Disk (m)	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPT)
2/24/2021	1124 CEN	10.49	112.1	15.6	7.92	0.3	3 ☐ VOB (S)	5.9	19700	11.8
	1135	10.57	112.2	13.8	8.09	2.0	Central Lab please use top row for login purposes		26653	16.36
	1132 CEN	4.37	52.7	15.3	7.78	5.4			48474	31.66

Parameter Suite	Parameter Methods			Preservation	pH Check	# Bottles sent to Lab	Bottle Group
Preserved Nutrients (P-500ML)	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP			☒ Ice ☒ H2SO4*	☒ <2	1	A
	Lot #	SA0293040	Exp:	10/19/2021			
Metals (P-500ML)	☐ W-ICPMS ☐ W-ICP ☐ W-HARD			☐ Ice ☐ HNO3*	☐ <2		
	Lot #		Exp:				
Filtered Nutrients (P125ML)	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter			☒ Ice		1	A
	Filter Lot #	17097890					
	Syringe Lot #	0079929					
Chlorophyll (BP-1L)	☒ CHLSUITE-W			☒ Ice		1	A
Physical/Aggregate (Fresh) (P-1L)	☐ Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W-TDS			☐ Ice			
Physical/Aggregate (Marine) (P-1L)	☒ Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY			☒ Ice		1	A
Macroinvertebrates (PJ-2L)	☐ MI-FW-QLDC			☐ Formalin			
Periphyton (PT-50ML)	☐ ALGAE-ID			☐ Ice			
Microbiology (Contract Lab Bottle)	☐ E Coli ☐ F Coli ☐ Enterococci ☐ Contract Lab			☐ Ice			
Molecular (QPCR-P-500ML)	☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-DG3 ☐ PCR-GULL2 ☐ PCR-GFD ☐			☐ Ice			
Tracers (BG-500ML)	☐ W-E8321-DI ☐ W-E8321-MS			☐ Ice			
Pesticides (BG-500ML) (BG-1L)	☒ W-E8321-DI	☒ WE8321-MS	☒ W-PSNP-TQ	☒ W-CT-CL-R	☒ Ice	10	A
	☒ W-PCL-SQ-R	☒ W-CARB-AA (5 ml of MCAA** Buffer Solution)	☒ W-DIELDRIN				
Phytoplankton/Periphyton	DTM-QL-C	PEN-QL-C	DTY-QN-C	PKD-QN-C	☐ Ice		
	DTM-QN-C	PRN-QN-C	PKD-QN-BV				

Name:
Frank Butera
Christopher Stopher Slade

Signature:

Date:

02/24/2021

*2.0 ml of Preservative used unless noted otherwise.

**MCAA: Monochloroacetic acid buffer solution



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2020

Meter Passed End

of Day CCV

Yes / No

WIN Station Name: Alaqua Creek Below Portland Park

Date: 2/24/2021

WIN/Field ID: G3NW0443

WBID: 351A

ENR:

Latitude: 30.50507999

County: WALTON

Org ID: 21FLPNS

Longitude: -86.19723

Receiving Body of Water: Choctawhatchee - St. Andrew

RQ: 2021-02-22-11

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
☒	Frank Butera	x		x		
☒	Christopher Stopher Slade		x		x	x
☐						
☐						

Sampling Equipment	
☒ Sample Container	☐ Carboy
☒ Dipper	☐ Van Dorn
☐ Syringe	☐ Pole
Depth measured with: Secchi	
Secchi Equipment ID: 1.4	
Collection Method	
☐ Wading	☐ Canoe/Kayak
☐ From Shore	☐ Electric Motor
☐ Other	☒ Gasoline Motor

Water Level: ☒ Normal ☐ Low ☐ High ☐ Dry ☐ Pooled ☐ Flooded						Meter ID# 155077 (PRODSS)	
Photos: YES		Flow: FLOW		Tide: N/A		Tide Times: High: Low:	
Biological Samples Collected:		☒ None	☐ HA	☐ SCI	☐ RPS	☐ Algae ID	☐ LVS ☐ LVI Other:
SBIO ID Numbers:							
Notes:							

Duplicate Sample

Time Zone: CEN	Time:	Field ID: N/A	(WIN ID_DUP)
WIN DMT Activity ID:			

Blank

Time Zone:	Time:	Field ID:	(Blank Type_DDDMMYY)
DI Source:		Location:	
DI Type:		Equipment ID:	
DI Container (Name/ID):		DI Container Type:	

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 *FB* 03/02/2021 Migrate Data to WIN: Verify Data in WIN:



RQ-2021-02-22-11

Customer: WQAP

Project ID: SMP

Collected By: Frank Butera, Christopher Stopher Slade

Field Report Prepared By: Frank Butera

Sampling Agency: FDEP

Place Label Here

WIN ID/Field ID:



G3NW0443

Location: Alaqua Creek Below Portland Park

Comments: Microbiology sample(s) submitted to contract laboratory

Matrix: Fresh

(Check one)

☒ GRAB☐ COMPOSITE

Date	Time	DO (mg/L)	DO (%SAT)	Temp. (C°)	pH	Sample Depth (m)	Secchi Disk (m)	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPT)
2/24/2021	1010 CEN	9.04	85.8	13.2	8.09	0.3	1.4 ☐ VOB (S)	4.8	1093	0.54
	1022	9.05	94	13.9	7.49	2.0	Central Lab please use top row for login purposes		21105	16.46
	1017 CEN	1.29	14.9	15.3	6.96	4.3			40421	25.88

Parameter Suite	Parameter Methods	Preservation	pH Check	# Bottles sent to Lab	Bottle Group
Preserved Nutrients (P-500ML)	☐ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP Lot # _____ Exp: _____	☐ Ice ☐ H2SO4*	☐ <2		
Metals (P-500ML)	☐ W-ICPMS ☐ W-ICP ☐ W-HARD Lot # _____ Exp: _____	☐ Ice ☐ HNO3*	☐ <2		
Filtered Nutrients (P125ML)	☐ W-PO4-F ☐ Field Filtered 0.45 µm Filter Filter Lot # _____ Syringe Lot # _____	☐ Ice			
Chlorophyll (BP-1L)	☐ CHLSUITE-W	☐ Ice			
Physical/Aggregate (Fresh) (P-1L)	☐ Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W-TDS	☐ Ice			
Physical/Aggregate (Marine) (P-1L)	☐ Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY	☐ Ice			
Macroinvertebrates (PJ-2L)	☐ MI-FW-QLDC	☐ Formalin			
Periphyton (PT-50ML)	☐ ALGAE-ID	☐ Ice			
Microbiology (Contract Lab Bottle)	☒ E Coli ☐ F Coli ☐ Enterococci ☒ Contract Lab	☒ Ice		1	C
Molecular (QPCR-P-500ML)	☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-DG3 ☐ PCR-GULL2 ☐ PCR-GFD	☐ Ice			
Tracers (BG-500ML)	☐ W-E8321-DI ☐ W-E8321-MS	☐ Ice			
Pesticides (BG-500ML) (BG-1L)	☐ W-E8321-DI ☐ WE8321-MS ☐ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-PCL-SQ-R ☐ W-CARB-AA (5 ml of MCAA** Buffer Solution) ☐ W-DIELDRIN	☐ Ice			
Phytoplankton/Periphyton	DTM-QL-C ☐ PEN-QL-C ☐ DTY-QN-C ☐ PKD-QN-C DTM-QN-C ☐ PRN-QN-C ☐ PKD-QN-BV	☐ Ice			

Name:
Frank Butera
Christopher Stopher Slade

Signature:

Date:

02/24/2021

*2.0 ml of Preservative used unless noted otherwise.

**MCAA: Monochloroacetic acid buffer solution

Document Reference # 05.1.0

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Date/Time: 2/24/2021 / 1409

Date/Time: 02/29/2021 / 1409

Instructions: Fill in all fields except "Lab ID" on sample transport form completely. Each sample container must use a separate line. Place this form in a waterproof bag and place it with the samples for transport.

[illegible]

Surface water, no chlorine expected

RQ-2421-02-22-11

Phone:

Sampler's name: Stopher Glade

¹Matrix examples: SW = surface water, PW = pore water, GW = ground water, FW = Freshwater, MW = Marine Water, BW = Brackish Water, S = soil/sediment, Other X =

³ Recorded using IRT-2

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