

RQ-2019-09-16-42

Field Personnel processing steps

☐ New Field IDs created (when using a new station) Date: _____ initials: _____ ~~NA~~

☐ Create entry in SMPStationCreationFile if new station is used

\\Fidep1\wqap\NW ROC\TMDL\WIN_Station Creation

☒ Date sampled Date: 9/18/19 initials: ME

☐ Update MAT Date: _____ initials: _____

☒ Update "SMP Tracker" Date: 9/20/19 initials: ME

☐ Photos put into archive Date: _____ initials: _____ ~~NA~~

☒ RQ Sheet – from LIMS (display/print request)

☒ Field Sheets initialed/dated @ "Scan/Save Field Sheets" then scanned (with calibration logs) and saved into:

Scans_ToBeProcessed Date: 9/20/19 initials: ME

☒ Update "Data Tracker"

\\publicfiles\pubfds\DEAR\WQAPmonitoring\StrategicMonitoring\2019\21FLPNS

Ready for folder system (top)

LIMS processing (to be completed by LIMS data personnel) (MC)

☐ Field parameters entered into LIMS Date: _____ initials: _____

☐ Digital RQ packet put into

SMP 2019/Data/Scanned Field Sheets Date: _____ initials: _____

☐ Digital field Sheets put into archive Date: _____ initials: _____

☐ Date submitted for QA/QC Date: _____ initials: _____

☐ Update "Data Tracker"

Database processing (Cheryl)

☐ Field parameters QA/QC in LIMS Date: _____ initials: _____

☐ Lab results put into archive (CB) Date: _____ initials: _____

☐ Data migrated to WINS Date: _____ initials: _____

☐ Update "Data Tracker"

Notes:

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: **153077**

RQ: **20,209-16-42**

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 **6/13/19**

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.											P / F	L / F
ICV											P / F	L / F
CCV	M. Clark	9/18	7:42	25.0	760	8.3	8.25	99.6			(P) F	(L) F
CCV	↓	↓	14:05	22.8	759	8.6	8.62	100.2			(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 hos/cm	Meter Reading μ hos/cm	Pass / Fail	Lab / Field
Calibr.	M. Clark	9/18	7:44	190509B	5/20	50,000	50,000	(P) F	(L) F
ICV	↓	↓	7:46	191116A	1/20	1,000	1012	(P) F	(L) F
CCV	↓	↓	14:10	190618C	4/20	10,000	10,041	(P) F	(L) F
CCV	↓	↓	14:12	190509B	9/20	50,000	50,950	(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.	M. Clark	9/18/19	7:48	2811403	10/20	7.	23.9	7.01	-75.5	(P) F	(L) F
Calibr.	↓	↓	7:50	2902414	1/21	4.	23.4	11.00	97.0	P / F	L / F
Calibr.	↓	↓	7:52	4904E09	9/20	10.	23.7	10.00	-243.5	P / F	L / F
ICV	↓	↓	7:53	2902414	1/21	4.0	23.7	397		(P) F	(L) F
CCV	↓	↓	14:15	4904E07	9/20	10.0	21.2	10.03	-244.2	(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 **168.3**, slope from 4 to 7 **172.5** (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: **6/13/19**

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	M. Clark	9/18/19	7:55	2000	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

January 2019

Data Qualified?

Yes

No

WIN Station Name: Sanders Beach off I Street Dock

Date: 09/18/2019
(mm/dd/yyyy)

WIN/ Field ID: G4NW0492

WBID: 848DA

Latitude: 30.39998

County: Escambia

ORG ID: 21FLPNS

Longitude: -87.235908

Receiving Body of Water: Pensacola Bay

RQ-2019-09-16-42
(Decimal Degrees)

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
MC MM						

Sampling Equipment	
☒ Sample Container	☐ Van Dorn ☒ Pole
☐ Carboy	☐ Syringe
☐ Dipper	☐ Other
Depth Measured with <u>ProDSS</u>	
Equipment ID <u>Unmarked</u>	

Collection Method	
☐ Wading	☐ Canoe/Kayak
☐ From Shore	☐ Electric Motor
☐ Other	☐ Gasoline Motor

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

Meter ID# 155077

Matrix: Fresh / Marine / DI

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

Tide Times: High 1:10 Low 10:16

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										
<u>CEN</u>	<u>0930</u>	<u>0.6</u>	<u>0.3</u>	<u>VOB</u>	<u>4.44</u>	<u>67.8</u>	<u>7.65</u>	<u>26.15</u>	<u>41090</u>	<u>30.1</u>

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 ☐ H2SO4			☐ 42
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ 42
Filtered Nutrients	☐ W-PO4-F ☐ Field Filtered 0.45 µm Filter	☐ Ice			
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-CL-IC / ☐ W-F / ☐ W-TSS / ☐ TURBIDITY	☐ Ice			
Macroinvertebrates	☐ MI-FW-QDC	☐ Formalin			
Periphyton	☐ ALGAE-ID	☐ Ice			
Microbiology	☐ E Coli ☐ F Coli ☒ Enterococci	☒ Ice			
Molecular	☐ PCR-FILTER ☐ PCR-BacR ☐ PCR-GULL2 ☐ 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-H ☐ W-E8321-MS ☐ W-CARB-AA	☐ Ice			
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C				

Notes: Even though tide chart ~~said~~ said low tide at 10:16am. Tide was rising at time of sampling.

Field/WIN ID →



Location:

Sanders Beach off I Street Dock

Signature: [Signature] Date: 9/18/19

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 MC 9/20/19 Migrate Data to WIN: Verify Data In WIN:



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: Bayou Chico

Date: 09/18/2019
(mm/dd/yyyy)

WIN/ Field ID: G4NW0483

WBID: 846CB

Latitude: 30.40552

(Decimal Degrees)

County: Escambia

ORG ID: 21FLPNS

Longitude: -87.256994

(Decimal Degrees)

Receiving Body of Water: Pensacola Bay

RQ-2019-09-16-42

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
NM									
MC									

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☐ Pole
☐ Carboy	☒ Syringe	
☐ Dipper	☐ Other	
Depth Measured with Probes		
Equipment ID		

Collection Method		
☐ Wading	☐ Canoe/Kayak	
☐ From Shore	☐ Electric Motor	
☐ Other	☒ Gasoline Motor	

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

Meter ID# 195077

Matrix: Fresh / Marine / DI

Photos: Yes / No

Flow: No Flow / Intestinal / Flowing NA

Tide: Rising / Falling / Slack / NA

Tide Times: High 11:33 AM Low 11:49 PM

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		2.3	0.3	0.7	5.32	80.4	7.74	21.13	33861	31.1
CEN	0955		1.8		1.18	18.2	7.55	24.52	38700	30.5

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-TDC / ☐ W-S-A-TP	☐ Ice ☐ H2SO4			☐ 82
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ 82
Filtered Nutrients	☐ W-PO4-P ☐ Field Filtered 0.45 µm Filter	☐ Ice			
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-PW-QUDC	☐ Formalin			
Periphyton	☐ ALGAE-ID	☐ Ice			
Microbiology	☐ E Coli ☐ F Coli ☒ Enterococci	☒ Ice			
Molecular	☐ PCR-FILTER ☐ PCR-BacR ☐ PCR-GULL2 ☐ 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				

Notes: Launch

Field/WIN ID →
Location: BAYOU CHICO

Signature: [Signature] Date: 9/18/19

LIMS EVENT ID: WIN Import ID: Enter Field Parameters, Verify Station ID In UMS DMT: QC Station ID, Field Parameters In UMS DMT: Scan/Save Field Sheets 09/20/19 Migrate Data to WIN: Verify Data In WIN:



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?
Yes ☒ No ☐

WIN Station Name: Judges Bayou Mouth

Date: 9/18/19
(mm/dd/yyyy)

WIN/ Field ID: G4NW0441

WBID: 493B

Latitude: 30.560409

County: Escambia

ORG ID: 21FLPNS

Longitude: -87.140902
(Decimal Degrees)

Receiving Body of Water: Escambia Bay

RQ-2019-09-16-42
(Decimal Degrees)

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	
me NM											
Sampling Equipment											
☒ Sample Container						☐ Van Dorn					
☐ Carboy						☒ Syringe					
☐ Dipper						☐ Other					
Depth Measured with						<u>YSI</u>					
Equipment ID											
Collection Method											
☐ Wading						☐ Canoe/Kayak					
☐ From Shore						☐ Electric Motor					
☐ Other						☒ Gasoline Motor					
Water Level: Dry/ Pooled/ Low / <u>Normal</u> / High / Flooded						Meter ID# <u>165077</u>		Matrix: Fresh ☐ Marine ☒ DI			
Photos: Yes ☐ No ☒ Flow: No Flow / Intestinal / Flowing <u>NA</u>						Tide: <u>Rising</u> / Falling / Slack / NA		Tide Times: High <u>2:13</u> Low <u>11:49</u>			
Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPT)	Sp COND (umhos/cm)	Temp. (C°)	
EST		0.8	0.3	0.7	4.49	62.5	6.72	12.20	20460	27.5	
CEN	1010										
Biological Samples Collected: <u>None</u> 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 ☒ H2SO4		<u>SA9010630</u>	<u>4/20</u>	☒ <2
Metals		☐ W-ICPMS ☐ W-ICP					☐ Ice ☐ HNO3				☐ <2
Filtered Nutrients		☒ W-PO4-F ☒ Field Filtered 0.45 um Filter					☒ Ice		<u>16918633</u>		
Chlorophyll		☒ CHLSUITE-W					☒ Ice				
Physical/Aggregate (Fresh)		☒ Alkalinity / W-B / W-TSS / TURBIDITY / W-CHL / W-COLOR / W-SO4-IC / W-TDS					☒ Ice				
Physical/Aggregate (Marine)		☒ Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY					☒ Ice				
Macroinvertebrates		☐ W-FW-OLDC					☐ Formalin		Place Preservative Sticker(s) Here (If Available)		
Periphyton		☐ ALGAE-ID					☐ Ice				
Microbiology		☐ E Col ☐ F Col ☒ Enterococci					☒ Ice				
Molecular		☐ PCR-FILTER ☐ PCR-BacR ☐ PCR-GUL12 ☐ PCR-HP183 ☐ 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-SO-A ☐ W-E8321-MS ☐ W-CARB-AA					☐ Ice				
Phytoplankton		☐ DTY-QN-C ☐ PKD-QN-C									
Notes: <u>Archie Glover Ramp</u>											
Signature: <u>[Signature]</u>								Date: <u>9/18/19</u>			
Field/WIN ID → <u>G4NW0441</u>											
Location: <u>JUDGES BAYOU MOUTH</u>											

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

me 9/20/19

Migrate Data to WIN:

Verify Data In WIN:

(Initials/Date)

(Initials/Date)

(Initials/Date)



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?
Yes / ☒ No

WIN Station Name: Judges Bayou confluence

Date: 09/18/2019
(mm/dd/yyyy)

WIN/ Field ID: G4NW0442

WBID: 493B

Latitude: 30.559556

County: Escambia

ORG ID: 21FLPNS

Longitude: -87.137683

Receiving Body of Water: Escambia Bay

RQ-2019-09-16-42

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
<i>MC</i> <i>DM</i>									

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

Water Level: Dry/ Pooled/ Low / Normal / High / Flooded
Photos: Yes / No / Flow: No Flow / Intestinal / Flowing NA
Meter ID# 55071 Matrix: Fresh / Marine DI
Tide: Rising / Falling / Slack / NA Tide Times: High 2:13 Low 11:49

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										
<u>CEN</u>	<u>1020</u>	<u>1.2</u>	<u>0.3</u>	<u>0.7</u>	<u>3.01</u>	<u>41.3</u>	<u>6.50</u>	<u>8.65</u>	<u>14945</u>	<u>29.3</u>

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 ☒ H2SO4	<u>SA9010030</u>	<u>4/00</u>	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☐ Ice	<u>16913633</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-BR-IC / W-F / W-TSS / TURBIDITY	☐ Ice			
Macroinvertebrates	☐ ML-FW-QUDC	☐ Formalin			
Periphyton	☐ ALGAE-ID	☐ Ice			
Microbiology	☐ F-CoI ☐ F-CoR ☒ Enterococci	☒ Ice			
Molecular	☐ PCR-FILTER ☐ PCR-BaCR ☐ PCR-GULL2 ☐ PCR-HFLB3 ☐ 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				

Notes: AGR

Field/WIN ID → G4NW0442

Location: JUDGES BAYOU CONFLUENCE

Signature: [Signature] Date: 9/18/19

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 MC 9/18/19 Migrate Data to WIN: Verify Data In WIN:



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes

No

WIN Station Name: Trout Bayou

Date: 09/18/2019
(mm/dd/yyyy)

WIN/ Field ID: G4NW0443

WBID: 694

Latitude: 30.50841

County: Santa Rosa

ORG ID: 21FLPNS

Longitude: -87.09354

(Decimal Degrees)

Receiving Body of Water: Escambia Bay

RQ-2019-09-16-42
(Decimal Degrees)

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
NM									
MC									

Sampling Equipment	
☒ Sample Container	☐ Van Dorn ☐ Pole
☐ Carboy	☒ Syringe
☐ Dipper	☐ Other
Depth Measured with <u>XSF</u>	
Equipment ID	

Collection Method	
☐ Wading	☐ Canoe/Kayak
☐ From Shore	☐ Electric Motor
☐ Other	☒ Gasoline Motor

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

Meter ID# 155071 Matrix: Fresh / Marine DI

Photos: Yes / No Flow: No Flow / Intestinal / Flowing NA Tide: Rising / Falling / Slack / NA Tide Times: High 2:13 Low 11:49

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										
<u>CEN</u>	<u>1050</u>	<u>0.8</u>	<u>0.3</u>	<u>VOB</u>	<u>4.41</u>	<u>65.6</u>	<u>7.29</u>	<u>20.45</u>	<u>32905</u>	<u>30.4</u>

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 ☐ H2SO4	<u>5A9010090</u>	<u>4/20</u>	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	<u>16914633</u>		
Chlorophyll	☒ CHLSUITE-W	☒ Ice			
Physical/Aggregate (Fresh)	☐ Alkalinity / W-L / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-904-IC / W-TDS	☐ Ice			
Physical/Aggregate (Marine)	☒ Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY	☒ Ice			
Macroinvertebrates	☐ M-FW-QUDG	☐ Formalin			
Periphyton	☐ ALGAE-ID	☐ Ice			
Microbiology	☐ E Coli ☐ F Coli ☒ Enterococci	☒ Ice			
Molecular	☐ PCR-FILTER ☐ PCR-BacR ☐ PCR-GUL12 ☐ PCR-HIF1B3 ☐ PCR-DG3 ☐ PCR-GFD	☐ Ice			
Tracers	☐ W-E8321-G ☐ W-E8321-MS	☐ Ice			
Pesticides	☐ W-PSNP-TG ☐ W-CT-CL-R ☐ W-E8321-DI ☐ W-PCL-SQ-H ☐ WE8321-MS ☐ W-CARB-AA	☐ Ice			
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C				

Notes: AGR

Field/WIN ID → G4NW0443

Location: TROUT BAYOU

Signature: [Signature] Date: 9/18/19

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:

**Florida Department of Environmental Protection
Central Laboratory Submittal Form**

Customer: NW-DIST

Requester: Michael King

Field Report Prepared By:

Project ID: SMP

Collected By: N. Mu Ken

Sampling Agency:

[illegible]

Relinquished By: M. Ciunk	Date/Time 9/18/19 15:00	Shipping Method FENEX	Number of Coolers Shipped: 7	Received By:	Date/Time
------------------------------	----------------------------	--------------------------	---------------------------------	--------------	-----------

Group: A	Bottle Type: ALKALINITY TURBIDITY W-BR-IC W-F W-TSS	P-1L	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab	3
Group: A	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab	3
Group: A	Bottle Type: NW-UWF-ENG	TEST HAS NO BOTTLE	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab	0
Group: A	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 3	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	3
H2SO4 LOT# S49010030 EXP: 04/10/2020						
Group: A	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 3	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	3
Group: B	Bottle Type: NW-UWF-ENG	TEST HAS NO BOTTLE	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	0
Group: B	Bottle Type: PCR-HF183	QPCR-P-500ML	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
Group: B	Bottle Type: W-E8321-DI W-E8321-MS	BG-500ML	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2

ASent to Contract Lab-UWFA

ASent to Contract Lab-UWFA

Group: A	Bottle Type: ALKALINITY TURBIDITY W-BR-IC W-F W-TSS	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
Group: A	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
Group: A	Bottle Type: NW-UWF-ENQ	TEST HAS NO BOTTLE	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
Group: A	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 3	Preservative: ICE And H2SO4		Enter Number of Bottles Sent to Lab _____
Group: A	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 3	Preservative: FILTER-ICE		Enter Number of Bottles Sent to Lab _____
Group: B	Bottle Type: NW-UWF-ENQ	TEST HAS NO BOTTLE	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
Group: B	Bottle Type: PCR-HF183	QPCR-P-500ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
Group: B	Bottle Type: W-E8321-DI W-E8321-MS	BG-500ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____

