

RQ-2019-2019-09-23-24

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

\\Fldep1\wqap\NW ROC\TMDL\WIN_Station Creation

☒ Date sampled Date: 10/9/19 initials: MC

☐ Update MAT Date: _____ initials: _____

☒ Update "SMP Tracker" Date: 10/11/19 initials: MC

☐ 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: 10/11/19 initials: MC

☒ 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: 154119

RQ: 2019-09-23-24

Project: Smp/Continuous

- 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	<u>S. Slade</u>	<u>10/9/19</u>	<u>0725</u>	<u>24.6</u>	<u>764.9</u>	<u>8.4</u>	<u>8.38</u>	<u>100.0</u>			<u>(P) F</u>	<u>(L) F</u>
CCV	<u>S. Slade</u>	<u>10/9/19</u>	<u>1240</u>	<u>26.3</u>	<u>765.5</u>	<u>8.1</u>	<u>8.11</u>	<u>79.8</u>			<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 mhos/cm	Meter Reading μ mhos/cm	Pass / Fail	Lab / Field
Calibr.	<u>S. Slade</u>	<u>10/9/19</u>	<u>0727</u>	<u>190116A</u>	<u>Jan '20</u>	<u>1000</u>	<u>1000</u>	<u>(P) F</u>	<u>(L) F</u>
ICV	<u>S. Slade</u>	<u>10/9/19</u>	<u>0729</u>	<u>190509B</u>	<u>May '20</u>	<u>50000</u>	<u>51239</u>	<u>(P) F</u>	<u>(L) F</u>
CCV	<u>S. Slade</u>	<u>10/9/19</u>	<u>1243</u>	<u>190618C</u>	<u>Jun '20</u>	<u>10000</u>	<u>10066</u>	<u>(P) F</u>	<u>(L) F</u>
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.	<u>S. Slade</u>	<u>10/9/19</u>	<u>0731</u>	<u>2811803</u>	<u>Oct '20</u>	<u>7.</u>	<u>22.8</u>	<u>7.01</u>	<u>-65.6</u>	<u>(P) F</u>	<u>(L) F</u>
Calibr.	<u>S. Slade</u>	<u>10/9/19</u>	<u>0733</u>	<u>2902818</u>	<u>Jan '21</u>	<u>4.</u>	<u>24.3</u>	<u>4.06</u>	<u>110.7</u>	<u>(P) F</u>	<u>(L) F</u>
Calibr.	<u>S. Slade</u>	<u>10/9/19</u>	<u>0735</u>	<u>4904E09</u>	<u>24 '20</u>	<u>10.</u>	<u>23.08</u>	<u>10.00</u>	<u>-233.5</u>	<u>(P) F</u>	<u>(L) F</u>
ICV	<u>S. Slade</u>	<u>10/9/19</u>	<u>0737</u>	<u>2902818</u>	<u>Jan '21</u>	<u>4.0</u>	<u>24.2</u>	<u>3.98</u>	<u>110.5</u>	<u>(P) F</u>	<u>(L) F</u>
CCV	<u>S. Slade</u>	<u>10/9/19</u>	<u>1249</u>	<u>4904E09</u>	<u>Sep '20</u>	<u>10.0</u>	<u>21.7</u>	<u>10.17</u>	<u>-242.5</u>	<u>(P) F</u>	<u>(L) F</u>
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 10 167.9, slope from 4 to 7 176.3 (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	<u>S. Slade</u>	<u>10/9/19</u>	<u>0738</u>	<u>0.000</u>	<u>0.00</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:



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: 10/9/19

(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-2019-09-23-24

Sampling Team Members				WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
SS MC				☒	☒	☒	☒	☒	☒ Sample Container	☐ Van Dorn	☒ Pole		
									☐ Carboy	☒ Syringe			
									☐ Dipper	☐ Other			
									Depth Measured with <u>PS0065</u>				
Equipment ID								Collection Method					
								☐ Wading	☐ Canoe/Kayak				
								☐ From Shore	☐ Electric Motor				
								☒ Other <u>Dock</u>	☐ Gasoline Motor				
Water Level: Dry/ Pooled/ Low / <u>Normal</u> / High / Flooded										Meter ID# <u>154179</u>		Matrix: Fresh / <u>Marine</u> / DI	
Photos: Yes / <u>No</u> / Flow: No Flow / Intestinal / Flowing / <u>NA</u>										Tide: <u>Rising</u> / Falling / Slack / NA		Tide Times: High <u>8:18</u> Low <u>1:09</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	8:05	1.1	0.3	1.1	4.50	65.3	7.67	25.15	39557	27.7			
CEN				"S"									
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				☐ <2			
Metals		☐ W-ICPMS ☐ W-ICP				☐ Ice ☐ HNO3				☐ <2			
Filtered Nutrients		☐ W-PO4-F ☐ Field Filtered 0.45 um 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		☐ M-FW-QDC				☐ Formalin							
Periphyton		☐ ALGAE-ID				☐ Ice							
Microbiology		☐ E Coli ☐ F Coli ☒ Enterococci				☒ Ice							
Molecular		☐ PCR-FILTER ☐ PCR-BacR ☐ PCR-GULL2				☒ Ice							
		☒ PCR-HF183 ☐ PCR-DG3 ☐ PCR-GFD											
Tracers		☒ W-E8321-DI ☒ W-E8321-MS				☒ Ice							
Pesticides		☐ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-E8321-DI				☐ Ice							
		☐ W-PCL-SO4 ☐ W-E8321-MS ☐ W-CARB-AA											
Phytoplankton		☐ DTY-QN-C ☐ PKD-QN-C											

Notes:

Field/WIN ID → G4NW0492

Location: Sanders Beach off I Street Dock

Signature: [Signature] Date: 10/9/19

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 10/7/19 (Initials/Date) Migrate Data to WIN: _____ (Initials/Date) Verify Data in WIN: _____ (Initials/Date)



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: Bayou Chico

Date: 10/9/19
(mm/dd/yyyy)

WIN/ Field ID: G4NW0483

WBID: 846CB

Latitude: 30.40552

County: Escambia

ORG ID: 21FLPNS

Longitude: -87.256994

Receiving Body of Water: Pensacola Bay

RQ-2019-09-23-24

Sampling Team Members				WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment			
									☒ Sample Container	☐ Van Dorn	☐ Pole	
									☐ Carboy	☒ Syringe		
									☐ Dipper	☐ Other		
									Depth Measured with Prop 55			
									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# 154179				Matrix: Fresh / <u>Marine</u> / DI				
Photos: Yes / <u>No</u>				Flow: No Flow / Intestinal / Flowing <u>NA</u>				Tide: Rising/ Falling/ Slack <u>NA</u>				
Tide Times: High <u>818</u> Low <u>1809</u>												
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	06:30	2.7	0.3	0.9	2.14	32.4	7.51	24.31	38401	28.5		
CEN	06:35		2.2		0.69	10.7	7.43	25.37	39937	29.3		
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-TDC / ☐ W-S-A-TP				☐ Ice ☐ H2SO4				☐ <2			
Metals	☐ W-ICPMS ☐ W-ICP				☐ Ice ☐ HNO3				☐ <2			
Filtered Nutrients	☐ W-POL-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-BR-IC / ☐ W-F / ☐ W-TSS / ☐ TURBIDITY				☐ Ice							
Macroinvertebrates	☐ MI-FW-OLD				☐ Formalin							
Periphyton	☐ ALGAE-ID				☐ Ice							
Microbiology	☐ F-Col ☐ F-Col ☒ Enterococci				☒ Ice							
Molecular	☐ PCR-FILTER ☐ PCR-BacR ☐ PCR-GULL2				☒ Ice							
	☒ PCR-HF183 ☐ PCR-DG3 ☐ PCR-GFD											
Tracers	☒ W-E8321-DI ☐ W-E8321-MS				☒ Ice							
Pesticides	☐ W-PSNP-TG ☐ W-CT-CL-R ☐ W-E8321-DI				☐ Ice							
	☐ W-PCL-SO4 ☐ W-E8321-MS ☐ W-CAR3-AA											
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C											

Notes:

Field/WIN ID →



G4NW0483

Location:



BAYOU CHICO

Signature:

Myra...

Date: 10/9/19

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 10/11/19

Migrate Data to WIN:

Verify Data in WIN:

(Initials/Date)

(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: Bridge Creek (Tidal Portion)

Date: 10/9/19
(mm/dd/yyyy)

WIN/ Field ID: G5NW0129

WBID: 872B

Latitude: 30.40798

County: Escambia

ORG ID: 21FLPNS

Longitude: -87.375109

Receiving Body of Water: Perdido Bay

RQ-2019-09-23-24

Sampling Team Members				WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment			
									☒ Sample Container	☐ Van Dorn	☐ Pole	
									☐ Carboy	☒ Syringe		
									☐ Dipper	☐ Other		
									Depth Measured with <u>PROPSS</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>154179</u>				Matrix: Fresh / <u>Marine</u> DI				
Photos: Yes / <u>No</u>				Flow: No Flow / Intestinal / Flowing <u>NA</u>				Tide: Rising / Falling / Slack / <u>NA</u>				
Tide Times: High <u>1047</u> Low <u>2146</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	920	1.5	0.3	1.1	5.14	70.1	7.26	14.80	24448	27.5		
CEN	925		1.0		5.46	74.1	7.45	14.90	24588	27.2		
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	5A9010030	4/20	☒ <2				
Metals	☒ W-ICPMS ☒ W-ICP				☒ Ice ☒ HNO3	NA9129020	5/20	☒ <2				
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 um Filter				☒ Ice	16914633						
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	☐ ME-FW-QLDC				☐ Formalin							
Periphyton	☐ ALGAE-ID				☐ Ice							
Microbiology	☐ E Col ☐ F Col ☒ 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:

Field/WIN ID →



G5NW0129

Location:

Bridge Creek (Tidal Portion)

Signature:

Date: 10/9/19

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 10/11/19 (Initials/Date)

Migrate Data to WIN:

Verify Data in WIN:

(Initials/Date)

(Initials/Date)



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: Perdido Bay (lower segment) off Du Pont Point

Date: 10/9/19
(mm/dd/yyyy)

WIN/ Field ID: G5NW0130

WBID: 797A

Latitude: 30.36671

(Decimal Degrees)

County: Escambia

ORG ID: 2/FLPNS Longitude: -87.4496278

(Decimal Degrees)

Receiving Body of Water: Gulf of Mexico

RQ-2019-09-23-24

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
SS						X			
MC					X		X		

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

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

Water Level: Dry/ Pooled/ Low / Normal / High / Flooded Meter ID# 154179 Matrix: Fresh / Marine / DI

Photos: Yes / No Flow: No Flow / Intestinal / Flowing NA Tide: Rising / Falling / Slack / NA Tide Times: High 1047 Low 2146

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	9:50	3.7	0.3	1.6	6.22	87.0	7.95	19.85	31938	27.4
CEN	9:55		3.2		2.90	42.8	7.81	25.39	39934	28.7

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	5A9010030	4/00	☒ <2
Metals	☐ W-JCPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☒ W-PO4-F ☐ Field Filtered 0.45 um Filter	☒ Ice	16918633		
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	☐ M-FW-QLDC	☐ Formalin			
Periphyton	☐ ALGAE-ID	☐ Ice			
Microbiology	☐ E Coli ☐ F Coli ☐ Enterococci	☐ Ice			
Molecular	☐ PCR-FILTER ☐ PCR-BaCR ☐ PCR-GUL12 ☐ 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 ☐ W-E8321-MS ☐ W-CARB-AA	☐ Ice			
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C				

Notes:

Field/WIN ID → G5NW0130

Location: Perdido Bay (lower segment) off Du Pont Point

Signature: [Signature] Date: 10/9/19

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 10/11/19 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: Weekly Bayou Creek @ County Rd 293

Date: 10/9/19
(mm/dd/yyyy)

WIN/ Field ID: G4NW0482

WBID: 935

Latitude: 30.352278

County: Escambia

ORG ID: 21FLPNS

Longitude: -87.403041

Receiving Body of Water: Perdido Bay

RQ-2019- 09-23-24
(Decimal Degrees)

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

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

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

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

Meter ID# 1541791000416 Matrix: Fresh ☒ Marine ☐ DI

Photos: Yes ☒ No ☐ Flow: No Flow / Intestinal ☒ Flowing ☐ NA ☐ Tide: Rising ☒ Falling ☐ Slack/ NA ☐ Tide Times: High 10:47 Low 21:46

Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPTH)	Sp COND (umhos/cm)	Temp. (C°)
EST	11:00	0.6	0.3	0.5	0.32	4.8	6.97	23.62	37491	31.1
CEN										

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	549010030	4/20	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 um Filter	☒ Ice	16918633		
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-OLD	☐ 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-EB321-DI ☐ W-EB321-MS	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-EB321-DI ☐ W-PCL-SQ-R ☐ WE8321-MS ☐ W-CARB-AA	☐ Ice			
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C				

Place Preservative Sticker(s) Here (If Available)

Notes: Flowing upstream
Sample Last ish when samples taken
Cont. Monitoring site
CM sonda next to lagged. Only took SMP.

Field/WIN ID → G4NW0482

Location: Weekly Bayou Creek @ County Rd 293

Signature: [Signature] Date: 10/9/19

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 P/11/19 (Initials/Date) Migrate Data to WIN: (Initials/Date) Verify Data in WIN: (Initials/Date)

Customer: NW-DIST

Requester: Michael King

Field Report Prepared By: M. Clark

Project ID: SMP

Collected By: M. Clark

Sampling Agency: NWROC

Location		☐ Comp Grab		Collection (comp begin or grab)		Eastern		Composite end		Bottle Group(s)	
Field/WIN ID →		☒ Grab		Date 10/9/19 Time 8:05		Central		Date		(See pg 2)	
WIN/ST		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☒ % sat		Total Res. Chlorine			
Location:		Temp (C) 27.7		pH 7.67		☐ ft		Sp. Conductance			
Sanders Beach off I Street Dock		Salinity (ppt) 25.15		Comments		☒ m		(umho/cm) 39557		C	
Location		☐ Comp Grab		Collection (comp begin or grab)		Eastern		Composite end		Bottle Group(s)	
Field/WIN ID →		☒ Grab		Date 10/9/19 Time 8:30		Central		Date		(See pg 2)	
WIN/ST		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☒ % sat		Total Res. Chlorine			
Location:		Temp (C) 28.4		pH 7.51		☐ ft		Sp. Conductance			
BAYOU CHICO		Salinity (ppt) 24.31		Comments		☒ m		(umho/cm) 38,401		C	
Location		☐ Comp Grab		Collection (comp begin or grab)		Eastern		Composite end		Bottle Group(s)	
Field/WIN ID →		☒ Grab		Date 10/9/19 Time 9:20		Central		Date		(See pg 2)	
WIN/ST		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☒ % sat		Total Res. Chlorine			
Location:		Temp (C) 27.5		pH 7.26		☐ ft		Sp. Conductance			
Bridge Creek (Tidal Portion)		Salinity (ppt) 14.80		Comments		☒ m		(umho/cm) 24,443		A	
Location		☐ Comp Grab		Collection (comp begin or grab)		Eastern		Composite end		Bottle Group(s)	
Field/WIN ID →		☒ Grab		Date 10/9/19 Time 9:50		Central		Date		(See pg 2)	
WIN/ST		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☒ % sat		Total Res. Chlorine			
Location:		Temp (C) 27.4		pH 7.95		☐ ft		Sp. Conductance			
Perdido Bay (lower segment) off Du Pont Point		Salinity (ppt) 19.85		Comments		☒ m		(umho/cm) 31,938		B	

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
M. Clark	10/9/19 15:00	FedEx	2		

Group: A	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	ALKALINITY						
	TURBIDITY						
	W-BR-IC						
	W-F						
	W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	CHLSUTE-W						
Group: A	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
	NW-UWF-ENQ						
Group: A	Bottle Type:	BG-500ML	# of Bottles: 1	Preservative:	CH2CICOOH Pre-Preserved	Enter Number of Bottles Sent to Lab	1
	W-CARB-AA						
Group: A	Bottle Type:	BG-500ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	W-CT-CL-R						
	W-PCL-SQ-R						
Group: A	Bottle Type:	BG-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	W-E8321-DI						
	W-E8321-MS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	1
	W-ICP						
	W-ICPMS						
				HNO3 LOT# N96129678 EXP: 05/09/28			
Group: A	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	1
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
				H2SO4 LOT# S98918338 EXP: 04/18/2028			
Group: A	Bottle Type:	P-125ML	# of Bottles: 1	Preservative:	FILTERICE	Enter Number of Bottles Sent to Lab	1
	W-PO4-F						
Group: A	Bottle Type:	BG-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	W-PSNP-TQ						
Group: B	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2

Group: B	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	ALKALINITY					2
	TURBIDITY					
	W-BR-IC					
	W-CL-IC					
	W-COLOR					
	W-F					
	W-SO4-IC					
	W-TDS					
	W-TSS					
Group: B	Bottle Type:	BP-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	CHLSUITE-W					2
Group: B	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab
	W-NH3					2
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					
	W-TOC					
				H2SO4 LOT# S99010030 EXP: 04/10/2020		
Group: B	Bottle Type:	P-125ML	# of Bottles: 2	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab
	W-PO4-F					2
Group: C	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	NW-UWFF-ENQ					0
Group: C	Bottle Type:	QPCR-P-500ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	PCR-HF183					2
Group: C	Bottle Type:	BG-500ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	W-E8321-DI					2
	W-E8321-MS					

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: NW-DIST

Requester: Michael King

Field Report Prepared By: M. Clark

Project ID: SMP

Collected By: M. Clark

Sampling Agency: NWRCC

Location		Field/WIN ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field		G4NWX0482		Date 10/9/19 Time 11:00		Date		(See pg 2)	
WI		Location:		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine	
Lat		Weekly Bayou Creek @ County Rd 293		Temp (C)		pH		Sample Depth	
				31.1		6.97		0.32	
				Salinity (ppt)		Sample Depth		Sp. Conductance (umho/cm)	
				23.62		0.3		37,441	
				dd dms					
Location		Collection (comp begin or grab)		Composite end		Bottle Group(s)			
Field ID		Date		Date		Date			
WIN/STORET #		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine			
Latitude		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)	
Longitude		Salinity (ppt)		Comments					
dd dms		dd dms							
Location		Collection (comp begin or grab)		Composite end		Bottle Group(s)			
Field ID		Date		Date		Date			
WIN/STORET #		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine			
Latitude		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)	
Longitude		Salinity (ppt)		Comments					
dd dms		dd dms							
Location		Collection (comp begin or grab)		Composite end		Bottle Group(s)			
Field ID		Date		Date		Date			
WIN/STORET #		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine			
Latitude		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)	
Longitude		Salinity (ppt)		Comments					
dd dms		dd dms							
Location		Collection (comp begin or grab)		Composite end		Bottle Group(s)			
Field ID		Date		Date		Date			
WIN/STORET #		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine			
Latitude		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)	
Longitude		Salinity (ppt)		Comments					
dd dms		dd dms							

Relinquished By: M. Clark	Date/Time: 10/9/19 15:00	Shipping Method: FedEx	Number of Coolers Shipped: 2	Received By:	Date/Time:
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Group: A	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	ALKALINITY					
	TURBIDITY					
	W-BR-IC					
	W-F					
	W-TSS					
Group: A	Bottle Type:	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUTE-W					
Group: A	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	NW-UWF-ENQ					
Group: A	Bottle Type:	BG-500ML	# of Bottles: 1	Preservative:	CH2CICOOH Pre-Preserved	Enter Number of Bottles Sent to Lab _____
	W-CARB-AA					
Group: A	Bottle Type:	BG-500ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	W-CT-CL-R					
	W-PCL-SQ-R					
Group: A	Bottle Type:	BG-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	W-E8321-DI					
	W-E8321-MS					
Group: A	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	HNO3	Enter Number of Bottles Sent to Lab _____
	W-ICP					
	W-ICPMS					
Group: A	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab _____
	W-NH3					
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					
	W-TOC					
Group: A	Bottle Type:	P-125ML	# of Bottles: 1	Preservative:	FILTERICE	Enter Number of Bottles Sent to Lab _____
	W-PO4-F					
Group: A	Bottle Type:	BG-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	W-PSNP-TQ					
Group: B	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____

Group: B	Bottle Type: P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab
ALKALINITY TURBIDITY W-BR-IC W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS					
Group: B	Bottle Type: BP-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab
CHLSUITE-W					
Group: B	Bottle Type: P-500ML	# of Bottles: 2	Preservative: ICE And H2SO4		Enter Number of Bottles Sent to Lab
W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC					
Group: B	Bottle Type: P-125ML	# of Bottles: 2	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab
W-PO4-F					
Group: C	Bottle Type: TEST HAS NO BOTTLE NW-UWF-ENQ	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab
Group: C	Bottle Type: QPCR-P-500ML PCR-HF183	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab
Group: C	Bottle Type: BG-500ML W-E8321-DI W-E8321-MS	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab

Project: FDEP
Method of transport: Drop off on ice by automobile
Samples delivered by: M. Clark of FDEP
Sample received by: Jefferson of WRL

Sampler's initials: MC JSS

Laboratory: Wetlands Research Laboratory

Page 1 of 1
Date/Time: 10/9/19 15:27
Date/Time: 10/9/19 15:27

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. If a field log or other chain of custody is attached, that information may be referenced on this form and the log or COC attached.

[illegible]

Comments	sample container lot#	#
	19192	2

RQ-2019-09-23-24

Contact organization FDEP

Address 160 W Governmental Street, suite 208, Pensacola, FL 32502

Matrix: SW = surface water, PW = pore water, GW = ground water, S = soil/sediment, X =

Type codes: G = grab, C = composite, X =

Contact name Michael King

Sampler's name: M. Clark
S. Skide

³ Recorded using IRT-2

Phone: (850) 595-8300