



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes ☒ No ☐

WIN Station Name: Escambia River 100 Meters upstream of HWY 90 Bridge

Date: 3/27/19
(mm/dd/yyyy)

WIN/ Field ID: G4NW0009

WBID: 10F

Latitude: _____
(Decimal Degrees)

County: Escambia

ORG ID: 21FLPNS

Longitude: _____
(Decimal Degrees)

Receiving Body of Water: Escambia Bay

RQ-2019-

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
J. P. [Signature]					☒	☒	☒	☒	☒
S. Slade					☒	☒	☒	☒	☒

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

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

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

Meter ID# 15234470

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	1210	5.5	0.3	0.7	8.43	89.9	7.48	0.41	841.0	18.37
CEN			5.0		7.86	100.3	8.12	27.63	42860	19.24

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	5A819700	7/16/19	☐ <2
Metals	☒ W-ICPMS ☒ W-ICP	☒ Ice ☒ HNO3	NA8344050	12/16/18	☒ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice			
Chlorophyll	☒ W-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-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-CAR8-AA	☐ Ice			
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C	☐ Ice			

Notes:	Place Label Here
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Signature: [Signature] Date: 3/27/19

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
SMP CONTINUOUS MONITORING SHEET

August 2017

PAGE ____ OF ____

Data Qualified?

Yes ☒ No ☐

STORET Station Name:

Escambia River 100m upstream of Hwy 90 Bridge

WBID:

10F

STORET Station ID:

G4NW0009

ORG ID:

21 FL PNS

Field ID:

G4NW0009

County:

Escambia

RQ:

2019-03-25+15

Meter ID#: 123470

Pre-Deployment Setup

Date: 3/20/19

Performed by: James Pitts

Parameters

Recorded:

☒ Date

☒ Time

☒ Temp. (C)

☒ Sp. Cond.

☒ DOSAT

☒ DO (mg/L)

☒ pH

☒ Depth

Sampling Interval
(min): 15

Free Memory
(days): 187

Expected
Battery Life: 201

Programmed
Duration: 9 days

Sonde Filename: ESC2

Reset Clock?
(Y or N) N

Programmed Start
Date/Time: 3/20/2019 (mm/dd/yyyy) 13:00:00 (hh:mm:ss) (Cent: 1 East)

Wipers Park
Correctly? Y

Programmed End
Date/Time: 3/29/2019 (mm/dd/yyyy) 13:00:00 (hh:mm:ss) (Cent: 1 East)

Calibration Date 3/20/2019

Deployment

Date: 3/20/2019

Time Into Water: 1030

Time Zone: Cent. 1 East.

Deployed Sonde
Latitude:

30.548760

Deployed By:
(print all staff
present)

James Pitts
Mike King

Deployed Sonde
Longitude:

-87.196400

Notes: (how to get to; landmarks, site considerations & concerns, etc.)

west side Hwy 90 bridge channel gate

Photos: Yes ☒ No ☐

Retrieval

Date: 3/27/2019

Time Out Of Water: 1215

Time Zone: Cent. 1 East.

Mounting left or
removed?

Removed

Retrieved By:

Stephen Stade
James Pitts

Notes: (significant fouling, signs of human disturbance, site considerations and concerns, etc.)

Slight algal fouling

Post-Deployment

Date: 3/28/2019

Performed by: James Pitts

Data File Downloaded? ☒ Yes ☐ No

Archived Filename: 03272019_data

Meter Verification Date: 3/27/2019

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

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

Meter ID: 123470

RQ: 249-03-25-15

Project: Cont. Monitoring

- 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.

Circle/Fill In: Lab Calibration or Calibration/Verification on Site

Temperature (Quarterly) FT 1400

Date of Last Temperature Verification 1/22/19

DO DEP SOP FT 1000	Name	Date	Temp	DO	DO	DO	DO	DO	DO	P/F	L/F
Calibr.											
ICV											
CCV	J. P. J. S.	3/20/19	0805	20.9	8.932	8.76	98.0	—	1.02	(P) F	(L) F
CCV	J. P. J. S.	3/27/19	1452	20.4	9.021	9.07	100.4	—	—	(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; DO charge N/A.

Steady-state & Galvanic Sensors: DO Gain & Charge N/A.

Salinity DEP SOP FT 200	Name	Date	Temp	Salinity	Salinity	Salinity	Salinity	Salinity	Salinity	P/F	L/F
Calibr.	J. P. J. S.	3/20/19	0807	190116A	11/2020	1000	1000			(P) F	(L) F
ICV	J. P. J. S.	3/27/19	0809	180517A	5/2019	100	103			(P) F	(L) F
CCV	J. P. J. S.	3/27/19	1454	190116B	1/2020	100,000	101,127			(P) F	(L) F
CCV										P/F	L/F

Conductivity Acceptance criteria $\pm 5\%$

pH DEP SOP FT 1500	Name	Date	Temp	pH	pH	pH	pH	pH	pH	P/F	L/F
Calibr.	J. P. J. S.	3/20/19	0811	1805E95	4/2020	7.0	7.0	-29.5		(P) F	(L) F
Calibr.	J. P. J. S.	3/27/19	0813	48/2966	11/2020	4.0	4.0	146.4		(P) F	(L) F
Calibr.	J. P. J. S.	3/27/19	0815	2804C20	10/2019	10.0	10.0	-194.6		(P) F	(L) F
ICV	J. P. J. S.	3/27/19	0817	2804C20	10/2019	10.0	10.0	—		(P) F	(L) F
CCV	J. P. J. S.	3/27/19	1456	48/2966	11/2020	4.0	4.1	—		(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 10 165.1, slope from 4 to 7 175.9 (both must be between 165 and 180 mV)

Is meter equipped with depth sensor? Yes / No If yes, list date of last quarterly depth verification 1/22/19

Depth Sensor DEP SOP FT 1500	Name	Date	Temp	Depth	Depth	Depth	Depth	Depth	Depth	P/F	L/F
Pressure mode in air	J. P. J. S.	3/20/19	0820	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: