



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
SMP CONTINUOUS MONITORING SHEET

August 2017

PAGE ____ OF ____

Data Qualified?

Yes / No

STORET Station Name: Escambia R. 100m upstream of Hwy 90 Bridge
STORET Station ID: 64NW0009
Field ID: 64NW0009
County: Escambia
WBID: 10F
ORG ID: 21 FL PMS
RQ: 2019-05-13-26

Meter ID#: 123456 "62L"

Pre-Deployment Setup

Date: 5/7/19 Performed by: James PMS
Parameters Recorded: ☒ Date ☒ Time ☒ Temp. (C) ☒ Sp. Cond. ☒ DOSAT ☒ DO (mg/L) ☒ pH ☒ Depth

Sampling Interval (min): 15 Free Memory (days): 174/42 Expected Battery Life: 20/203 Programmed Duration: 9 days

Sonde Filename: ESC3 Reset Clock? (Y or N) Y

Programmed Start Date/Time: 5/8/2019 (mm/dd/yyyy) 1515 (hh:mm:ss) Cent. / East Wipers Park Correctly? Yes

Programmed End Date/Time: 5/17/2019 (mm/dd/yyyy) 1515 (hh:mm:ss) Cent. / East Calibration Date 5/7/19

Deployment

Date: 5/8/19 Time Into Water: 1310 Time Zone: Cent. / East.
Deployed Sonde Latitude: 30.548760 Deployed By: James PMS
Deployed Sonde Longitude: -87.196400 (print all staff present) Sophia Slade

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

West side Hwy 90 bridge channel gate

Photos: Yes / No

Retrieval

Date: 5/14/19 Time Out Of Water: 1115 Time Zone: Cent. / East.
Mounting left or removed? Removed Retrieved By: James PMS
Myranda Clark

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

Post-Deployment

Date: 5/15/19 Performed by: James PMS
Data File Downloaded? Yes / No Archived Filename: 05142019 - data
Meter Verification Date: 5/14/19

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 name.

Meter ID: 123476 "GIL"

RQ: 2019-05-13-26

Project: Continuous Mon.

- 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 5/6/19

DO DEPSO FT 1500	Name	Date	Time Offset	Temp C/F	DO Gain mV/L	DO Charge mV/L	DO Gain mV/L	DO Charge mV/L	DO Gain mV/L	DO Charge mV/L	P/F	L/F
Calibr.											P/F	L/F
ICV											P/F	L/F
CCV	J. P. Jones	5/7/19	1525	23.7	8.46	8.38	98.9	—	1.02	—	P/F	L/F
CCV	J. P. Jones	5/14/19	1420	21.7	8.794	8.85	100.5	—	—	—	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.

Spec. Conductivity FT 1200	Name	Date	Time Offset	Temp C/F	DO Gain mV/L	DO Charge mV/L	DO Gain mV/L	DO Charge mV/L	DO Gain mV/L	DO Charge mV/L	P/F	L/F
Calibr.	J. P. Jones	5/7/19	1527	19.01/6A	1/2020	1000	1000	—	—	—	P/F	L/F
ICV	↓	↓	1529	18.05/7A	5/2019	100	104	—	—	—	P/F	L/F
CCV	J. P. Jones	5/14/19	1422	18.05/7D	5/2019	10,000	10,292	—	—	—	P/F	L/F
CCV											P/F	L/F

Conductivity Acceptance criteria $\pm 5\%$

pH DEPSO FT 1000	Name	Date	Time Offset	Temp C/F	DO Gain mV/L	DO Charge mV/L	DO Gain mV/L	DO Charge mV/L	DO Gain mV/L	DO Charge mV/L	P/F	L/F
Calibr.	J. P. Jones	5/7/19	1531	28.1/803	10/2020	7.0	7.0	-7.5	—	—	P/F	L/F
Calibr.			1533	48/2966	11/2020	4.0	4.0	177.8	—	—	P/F	L/F
Calibr.			1535	28.4/620	10/2019	10.0	10.0	-181.5	—	—	P/F	L/F
ICV	↓	↓	1537	28.4/620	11/2019	10.0	10.0	—	—	—	P/F	L/F
CCV	J. P. Jones	5/14/19	1422	48/2966	11/2020	4.0	4.2	—	—	—	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 10 174.0, slope from 4 to 7 183.3 (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

Depth Sensor DEPSO FT 1000	Name	Date	Time Offset	Temp C/F	DO Gain mV/L	DO Charge mV/L	DO Gain mV/L	DO Charge mV/L	DO Gain mV/L	DO Charge mV/L	P/F	L/F
Pressure mode in air	J. P. Jones	5/7/19	1539	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

January 2019

Data Qualified?

Yes / No

WIN Station Name:

Escambia River 100 Meters upstream of HWY 90 Bridge

Date:

5/14/2019

(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-2019-05-13-26

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Jimmy Pitts						X		X	X
Myranda Clark					X		X		

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 / Normal / High / Flooded

Meter ID# 120846 "GIL"

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	11:30	6.27	0.3	0.8	<u>6.35</u>	71.9	6.36	0.04	93	21.46
CEN			5.73		3.98	50.5	6.66	14.78	24329	20.97

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>SA8197090</u>	<u>7/16/19</u>	☒ <2
Metals	☒ W-ICPMS ☒ W-ICP	☒ Ice ☒ HNO3	<u>NA8344060</u>	<u>10/10/19</u>	☒ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice			
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 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 ☒ W-E8321-MS ☒ W-CAR3-AA	☒ Ice			
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C	☐ Ice			

Notes:

Place Label Here

Signature: [Signature] Date: 5/14/19

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 (Initials/Date) Migrate Data to WIN: (Initials/Date) Verify Data In WIN: (Initials/Date)