



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: SHERMAN CR @ CONF SAN PABLO R

Date: 4/3/19
(mm/dd/yyyy)

WIN/ Field ID: 20030802

WBID: 2227

Latitude: 30.3700

(Decimal Degrees)

County: Duval

ORG ID: 21 FLA

Longitude: -81.43803

(Decimal Degrees)

Receiving Body of Water: ICW

RQ-2019- ~~01-21-47~~ 01-21-47 oops ^{BP}

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
<u>Brian V.</u> <u>Amy K.</u>					☒	☒	☒	☒	☒	☒ Sample Container	☐ Van Dorn	☒ Pole		
										☐ Carboy	☐ Syringe			
										☐ Dipper	☐ Other			
										Depth Measured with <u>Depth Gauge</u>				
										Equipment ID <u>065077</u>				
										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>PL0V55</u>					Matrix: Fresh / <u>Marine</u> / DI				
Photos: Yes / <u>No</u>					Flow: No Flow / Intestinal / <u>Flowing</u> / NA					Tide: Rising/ <u>Falling</u> / Slack/ NA			Tide Times: High <u>1000</u> Low	
Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPTH)	Sp COND (µmhos/cm)	Temp. (C°)				
EST	<u>1245</u>	<u>3.0</u>	<u>0.3</u>	<u>0.8</u>	<u>6.64</u>	<u>81.9</u>	<u>7.49</u>	<u>24.8</u>	<u>38870</u>	<u>18.3</u>	✓			
CEN	<u>1248</u>		<u>1.5</u>		<u>6.63</u>	<u>81.7</u>	<u>7.5</u>	<u>24.8</u>	<u>38892</u>	<u>18.3</u>	✓			
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>5A8274050</u>	<u>10/1/19</u>	☒ <2			
Metals		☒ W-ICPMS ☒ W-ICP					☒ Ice ☐ HNO3				☐ <2			
Filtered Nutrients		☒ W-PO4-F ☐ Field Filtered 0.45 µm Filter					☒ Ice		<u>R7HA29007</u>					
Chlorophyll		☒ CHLSUITE-W					☒ Ice							
Physical/Aggregate (Fresh)		☒ Alkalinity / ☐ W-F / ☐ W-TSS / ☐ TURBIDITY / ☐ W-CI-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-CARB-AA					☐ Ice							
Phytoplankton		☐ DTY-QN-C ☐ PKD-QN-C												

Notes:

Retrieved Sonde for continuous monitoring: SAD

WIN ID/Field ID:



20030802

SHERMAN CR @ CONF SAN PABLO R

Signature: [Signature]

Date: 4/3/19

LIMS EVENT ID: 2019-04-04-01

WIN Import ID:

Enter Field Parameters, Verify Station ID in LIMS DMT: 20 4/11/19

QC Station ID, Field Parameters in LIMS DMT: CR 4/17/19

Scan/Save Field Sheets BP 4/22/19

Migrate Data to WIN:

Verify Data in WIN:

(Initials/Date)

(Initials/Date)

(Initials/Date)



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
SMP CONTINUOUS MONITORING SHEET

August 2017

PAGE ____ OF ____

Data Qualified?
Yes / No

STORET Station Name: Shelton Cr @ Conf San Pablo R

WBID: 2227

STORET Station ID: 20030802

ORG ID: 21FLA

Field ID: _____

County: Duval

RQ - 2019-01-21-47

Meter ID# : YSI 3AD

Pre-Deployment Setup

Date: 3/18/19

Performed by: B Pervis

Parameters
Recorded:

☒ Date

☒ Time

☒ Temp. (C)

☒ Sp. Cond.

☒ DOSAT

☒ DO (mg/L)

☐ pH

☒ Depth

Sampling Interval
(min): 15

Free Memory
(days): 104

Expected
Battery Life: 188 days

Programmed
Duration: 365

Sonde Filename: SC31819

Reset Clock?
(Y or N) N

Programmed Start
Date/Time: 3/18/19

(mm/dd/yyyy)

12:00:00

(hh:mm:ss)

(Cent. East)

Wipers Park
Correctly? Y

Programmed End
Date/Time: 3/28/19

(mm/dd/yyyy)

12:00:00

(hh:mm:ss)

(Cent. East)

Calibration Date 3/18/19

Deployment

Date: 3/18/19

Time Into Water: 1400

Time Zone: Cent. East

Deployed Sonde
Latitude:

Deployed By:
(print all staff
present)

BD
AK

Deployed Sonde
Longitude:

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

Photos: Yes / No

Retrieval

Date: 4/3/2019

Time Out Of Water: 1300

Time Zone: Cent. East

Mounting left or
removed? Removed.

Retrieved By:

BD
AK

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

Sample B Kit Only strong outgoing tide. Blocks were removed as well. Floet was carried down stream 50m, the extent of the security cord.

Post-Deployment

Date:

Performed by:

Data File Downloaded? Yes / No

Archived Filename:

Meter Verification Date:

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: YSI 3AD

RQ: 2019-01-21-47

Project: Shannon CM

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 _____

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.	B Davis	3/18/19	812	22.3	8.69	8.69	8.70	100	/	/	P/F	L/F
ICV			814	22.3	760 ¹	8.69	8.70	100.1	/	/	P/F	L/F
CCV			1617	23.5	765	8.6	8.6	101.1	/	/	P/F	L/F
CCV											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.	B Davis	3/18/19	819	190125B	2/20	1000	1000	P/F	L/F
ICV			822	180919	9/19	50,000	50,089	P/F	L/F
CCV			1618	190319A	3/20	1000	996	P/F	L/F
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.						7.				P/F	L/F
Calibr.						4.				P/F	L/F
Calibr.						10.				P/F	L/F
ICV										P/F	L/F
CCV										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 _____, slope from 4 to 7 _____ (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: _____

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						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:

Request Number: RQ-2019-01-21-47

Continuous Monitoring

Florida Department of Environmental Protection Central Laboratory Submittal Form

Page 1 of 4

last revised Jan 25, 2018

Customer: NE-DIST

Project ID: SMP

Requester: Brian Davis

Field Report Prepared By: Brian DavisCollected By: Brian Davis Amy KohnbergerSampling Agency: DEARNED

WIN ID/Field ID:



20030802

SHERMAN CR @ CONF SAN PABLO R

☐ Comp ☒ Grab		Collection (comp begin or grab) Date <u>4/3/19</u> Time <u>1245</u>		☒ Eastern ☐ Central	Composite end Date _____ Time _____		Bottle Group(s) (See pg 2) <u>13</u>	
Matrix (type, e.g., Salt, Fresh, etc) <u>scff</u>		Diss. Oxygen <u>6.64</u>		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		
Temp (C) <u>18.3</u>		pH <u>7.49</u>		☐ ft ☒ m		Sp. Conductance (umho/cm) <u>38,870</u>		
Sample Depth <u>0.3</u>								
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) <u>24.8</u>		Comments		
Location		☐ Comp ☐ Grab		Collection (comp begin or grab) Date _____ Time _____		☒ Eastern ☐ Central	Bottle Group(s)	
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)
WIN/STORET #		Temp (C)		pH		☐ ft ☐ m		Sp. Conductance (umho/cm)
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt)		Comments		
Location		☐ Comp ☐ Grab		Collection (comp begin or grab) Date _____ Time _____		☒ Eastern ☐ Central	Bottle Group(s)	
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)
WIN/STORET #		Temp (C)		pH		☐ ft ☐ m		Sp. Conductance (umho/cm)
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt)		Comments		
Location		☐ Comp ☐ Grab		Collection (comp begin or grab) Date _____ Time _____		☒ Eastern ☐ Central	Bottle Group(s)	
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)
WIN/STORET #		Temp (C)		pH		☐ ft ☐ m		Sp. Conductance (umho/cm)
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt)		Comments		
Location		☐ Comp ☐ Grab		Collection (comp begin or grab) Date _____ Time _____		☒ Eastern ☐ Central	Bottle Group(s)	
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)
WIN/STORET #		Temp (C)		pH		☐ ft ☐ m		Sp. Conductance (umho/cm)
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt)		Comments		

Relinquished By: <u>Brian Davis</u>	Date/Time: <u>4/3/19 1630</u>	Shipping Method: <u>FedEx</u>	Number of Coolers Shipped: <u>1</u>	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	0
	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	0
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WI-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
	NE-ALS-ENQ						
Group: A	Bottle Type:	QPCR-P-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
	PCR-HF183						
Group: A	Bottle Type:	BG-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
	W-E8321-DI W-E8321-MS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	0
	W-ICP W-ICPMS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	0
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 1	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	0
	W-PO4-F						
Group: B	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: B Bottle Type: BP-1L # of Bottles: 1 Preservative: ICE Enter Number of Bottles Sent to Lab 1
CHLSUITE-W

Group: B Bottle Type: P-250ML-WI-THI # of Bottles: 1 Preservative: ICE Enter Number of Bottles Sent to Lab 0
NE-ALS-ENQ

Group: B 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

Group: B Bottle Type: P-125ML # of Bottles: 1 Preservative: FILTER-ICE Enter Number of Bottles Sent to Lab 1
W-PO4-F

Group: C 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: C Bottle Type: BP-1L # of Bottles: 1 Preservative: ICE Enter Number of Bottles Sent to Lab _____
CHLSUITE-W

Group: C Bottle Type: P-250ML-WI-THI # of Bottles: 1 Preservative: ICE Enter Number of Bottles Sent to Lab _____
NE-ALS-ENQ

Group: C Bottle Type: P-125ML # of Bottles: 1 Preservative: FILTER-ICE Enter Number of Bottles Sent to Lab _____
W-F-F
W-PO4-F

Group: C Bottle Type: P-500ML # of Bottles: 1 Preservative: HNO3 Enter Number of Bottles Sent to Lab _____
W-ICP
W-ICPMS

Group: C 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

Group: C

Bottle Type:

P-500ML

of Bottles: 1

Preservative: ICE And H₂SO₄

Enter Number of Bottles Sent to Lab

W-TKN

W-TOC