



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Craig Cr @ Hendricks Date: 7/26/2018
(mm/dd/yyyy)
WIN/ Field ID: 20030793 WBID: 2297 Latitude: 30.29659
(Decimal Degrees)
County: Duval ORG ID: 21FLA Longitude: -81.6472
(Decimal Degrees)
Receiving Body of Water: SJR RQ-2018- 07-23-26

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
B. Davis						X		X	X
A. Kumbacher					X		X		

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☐ Pole
☐ Carboy	☐ Syringe	
☐ Dipper	☐ Other	
Depth Measured with <u>meter</u>		
Equipment ID <u>Ortho Kit 3</u>		

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

Water Level: Dry/ Pooled/ Low / Normal / High / Flooded Meter ID# YSI 3 Matrix: Fresh / Marine / DI
Photos: Yes (No) Flow: No Flow / Interstitial / (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 (umhos/cm)	Temp. (C°)
EST	1040	0.84	0.3	0.84	5.3	66	7.41	0.20	417	26.4
CEN				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-TOC / ☐ W-S-A-TP	☒ Ice ☒ H2SO4	<u>SA7163030</u>	<u>6/2018</u>	<u><2</u>
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 um Filter	☒ Ice	<u>R7KA12512</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-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-HF183 ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-GFD	☒ Ice			
Tracers	☐ W-SUC-AA-R ☐ W-UHERB-AA ☐ W-AHERB-AA	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-UHERB-AA ☐ W-AHERB-AA ☐ W-CARB-AA ☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Ice ☐ Other			
<u>WE8321-DI</u> <u>WE8321-MS</u>		☒ Ice			

Notes: _____

WIN / Field ID: 20030793

Craig Cr @ Hendricks Ave

Signature: _____ Date: 7-26-2018

Enter Field Parameters, Verify Station ID In LIMS DMT: BD 8/1/18 (Initials/Date) QC Station ID, Field Parameters In LIMS DMT: BD 8/1/18 (Initials/Date)
Scan/Save Field Sheets Migrate Data to WIN: _____ (Initials/Date) Verify Data In WIN: _____ (Initials/Date)

2018 Continuous Monitoring

Customer: WQAP

Project ID: SMP

Requester: Brian Davis

Field Report Prepared By:

Collected By:

Sampling Agency:

WIN / Field ID:

Craig Cr @
Hendricks Ave

20030793

Locat			☐ Comp ☐ Grab	Collection (comp begin or grab) Date <u>7/26/18</u> Time <u>1040</u>	☒ Eastern ☐ Central	Composite end Date _____	Bottle Group(s) (See pg 2)
Field #			Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>		Diss. Oxygen <u>5.3</u> mg/L ☒ % sat	Total Res. Chlorine (mg/L)	<u>A, C, D</u>
WIN/			Temp (C) <u>26.4</u>	pH <u>7.41</u>	Sample Depth <u>0.3</u> ft ☒ m	Sp. Conductance (umho/cm) <u>417</u>	
Latitude	☐ dd ☐ dms	Longitude	Comments				

Location			☒ Comp ☒ Grab	Collection (comp begin or grab) Date _____	Eastern Central	Composite-end Date _____	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	Sample Depth ☐ ft ☐ m	Sp. Conductance (umho/cm)	
Latitude	☐ dd ☐ dms	Longitude	Comments				

Location			☐ Comp ☐ Grab	Collection (comp begin or grab) Date _____	Eastern Central	Composite end Date _____	Bottle Group(s)
Field ID			Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
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Location			☐ Comp ☐ Grab	Collection (comp begin or grab) Date _____	Eastern Central	Composite end Date _____	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	Sample Depth ☐ ft ☐ m	Sp. Conductance (umho/cm)	
Latitude	☐ dd ☐ dms	Longitude	Comments				

Relinquished By: B-D	Date/Time 7/26/18 1600	Shipping Method FedEx	Number of Coolers Shipped: 1	Received By:	Date/Time
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Group: A	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 2	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: A	Bottle Type:	P-125ML	# of Bottles: 2	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	1
	W-PO4-F						
Group: B	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
	ALKALINITY						
	TURBIDITY						
	W-F						
	W-TSS						
Group: B	Bottle Type:	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
	CHLSUITE-W						
Group: B	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: B	Bottle Type:	P-125ML	# of Bottles: 1	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	0

Group: B	Bottle Type:	P-125ML	# of Bottles:	1	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	0
W-PO4-F								
Group: C	Bottle Type:	QPCR-P-500ML	# of Bottles:	3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
PCR-FILTER								
Group: C	Bottle Type:	BG-500ML	# of Bottles:	3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
W-E8321-DI								
W-E8321-MS								
Group: D	Bottle Type:	P-250ML-WI-THI	# of Bottles:	2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1 to ALS
NE-ALS-ECQ								
Group: E	Bottle Type:	P-120ML-WC-THI	# of Bottles:	1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
NE-ALS-ENQ								



SPR#

CAS Contract

[illegible]

Distribution: White - Return to Originator; Yellow - Retained by Client



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
SMP CONTINUOUS MONITORING SHEET

August 2017

PAGE ____ OF ____

Data Qualified?
Yes / No

STORET Station Name: Craig CC@Hendricks Ave WBID: 2297
STORET Station ID: 20030793 ORG ID: 21FL
Field ID: _____ County: Duval RQ - 2018-07-23-26

Meter ID#: 3AD

Pre-Deployment Setup

Date: 7/17/18

Performed by: B. Davis

Parameters
Recorded:

☒ Date

☒ Time

☒ Temp. (C)

☒ Sp. Cond.

☐ DOSAT

☒ DO (mg/L)

☐ pH

☐ Depth

Sampling Interval
(min): 15

Free Memory
(days): 137

Expected
Battery Life: 2016 days

Programmed
Duration: 7

Sonde Filename: CC71918

Reset Clock?
(Y or N) N

Programmed Start
Date/Time: 7/19/18

(mm/dd/yyyy)

900

(hh:mm:ss)

(Cent.) East

Wipers Park
Correctly? Y

Programmed End
Date/Time: 7/26/18

(mm/dd/yyyy)

900

(hh:mm:ss)

(Cent.) East

Calibration Date 7/17/18

Deployment

Date: 7/19/18

Time Into Water: 850

Time Zone: Cent. East.

Deployed Sonde
Latitude:

Deployed By:
(print all staff
present)

B. Davis
A. K. H. Becken

Deployed Sonde
Longitude:

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

Photos: Yes / No

Retrieval

Date: 7/26/18

Time Out Of Water: 1100

Time Zone: Cent. East.

Mounting left or
removed?

Removed

Retrieved By:

BP/AT

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

Due to heavy Rain/Flow the entire Mounting moved downstream ~ 3m. I would have moved further if not for cable Latched to tree.

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 is qualified data on this name.

Meter ID: 3A D RQ: 2018-07-23-26 Project: CM Craig Creek

- 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 _____

DO DEP SOP FT 1500	Name	Date	Time CT-ET	Temp	D.O. Chart mg/L	Meter D.O. mg/L	% DO	Probe Charge	Probe Gain	Pass / Fail	Lab / Field
Calibr.	<u>3A D</u>	<u>7/17/18</u>	<u>1325</u>	<u>23.65</u>	<u>8.46</u>	<u>8.48</u>	<u>100.2</u>	<u>/</u>	<u>/</u>	<u>P/F</u>	<u>L/F</u>
ICV	<u>↓</u>	<u>↓</u>	<u>1327</u>	<u>23.7</u>	<u>8.46</u>	<u>8.48</u>	<u>100.2</u>	<u>/</u>	<u>/</u>	<u>P/F</u>	<u>L/F</u>
CCV	<u>↓</u>	<u>↓</u>	<u>1355</u>	<u>23.6</u>	<u>8.48</u>	<u>23.7</u>	<u>99.0</u>	<u>/</u>	<u>/</u>	<u>P/F</u>	<u>L/F</u>
CCV										P/F	L/F

DO Acceptance criteria from Table ± 0.3 mg/L.

Optical: DO gain range 0.85 to 1.15; DO charge N/A.

Rapid-Pulse Sensors: DO Gain Range 0.7 to 1.4; DO Charge Range 25-75.

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.	<u>3A D</u>	<u>7/17/18</u>	<u>1330</u>	<u>18C321B</u>	<u>4/19</u>	<u>1000</u>	<u>1000</u>	<u>P/F</u>	<u>L/F</u>
ICV	<u>↓</u>	<u>↓</u>	<u>1347</u>	<u>18C321A</u>	<u>4/19</u>	<u>100</u>	<u>105</u>	<u>P/F</u>	<u>L/F</u>
CCV	<u>↓</u>	<u>↓</u>	<u>1351</u>	<u>180321B</u>	<u>4/19</u>	<u>1000</u>	<u>1016</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	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.						7.0			P/F	L/F
Calibr.						4.0			P/F	L/F
Calibr.						10.0			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)

Is meter equipped with depth sensor? Yes / No If yes, list date of last quarterly depth 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: