



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / ☒ No

WIN Station Name: McCoys Cr at Leland St

Date: 2/14/2018
(mm/dd/yyyy)

WIN/ Field ID: 20030725

WBID: 2257

Latitude: 30.32661

County: Duval

ORG ID: 21FLA

Longitude: -81.69802

Receiving Body of Water: LSJR

RQ-2018- 02-12-26

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

Sampling Equipment					
☒ Sample Container	☐ Van Dorn	☒ Pole			
☐ Carboy	☐ Syringe				
☐ Dipper	☐ Other				

Depth Measured with _____
Equipment ID Ortho Kit 7

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>YSI #3</u>	Matrix: <u>Fresh</u> / Marine / DI	
Photos: Yes / <u>No</u>						Flow: No Flow / Intestinal / <u>Flowing</u> / 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	1005	0.3	0.25 0.35	0.35	6.2	63	7.5	0.24	488	16.9
CEN										

Biological Samples Collected: None HA SCI RPS Algae ID LVS LVI Other:

S BIO 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	SA7341020	12/2018	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 um Filter	☒ Ice	R78A125 II		
Chlorophyll	☒ CHLSUITE-W	☒ Ice			
Physical/Aggregate (Fresh)	☒ Alkalinity / ☐ W-F / ☐ W-TSS / ☐ TURBIDITY / ☐ W-CHC / ☐ 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			

Contains: 1:1 H2SO4
Lot No.: SA7341020
Expires: 12/07/18
See Safety Data Sheet (SDS)

Place Preservation (If A)

SULFURIC ACID 451%
Hazardous
Corrosive
1:1 H2SO4
Net Weight: 1.12504
Lot No.: SA7341020
Expires: 12/07/18
See Safety Data Sheet (SDS)

Notes:

WIN /
Field ID:



20030725

MCCOYS CR AT LELAND ST

Signature: A. Kalmbacher

Date: 2-14-2018

Enter Field Parameters, Verify Station ID in LIMS DMT: BD 2/16/18

QC Station ID, Field Parameters in LIMS DMT: BD 2/22/18

Scan/Save Field Sheets BD 2/22/18
(Initials/Date)

Migrate Data to WIN: _____
(Initials/Date)

Verify Data in WIN: _____
(Initials/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: 94E RQ: 2018-02-12-26 Project: McCoy's Cove, Md.

- 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 Lab

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.	B. Davis	2/8/18	1145	23.4	8.51	8.51	100	✓	0.997	(P) F	(L) F
ICV	↓		1147	23.4	8.51	8.53	100.3	✓	0.997	(P) F	(L) F
CCV	↓	2/15/18	1253	22.3	8.69	8.71	100.2	✓	0.997	(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; 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	2/8/18	1149	171129A	12/18	1000	1000	(P) F	(L) F
ICV	↓		1150	170315A	3/18	100	101	(P) F	(L) F
CCV	↓	2/15/18	1255	171129A	12/18	1000	1000	(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	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	B. Davis	2/8/18	1201	2709B15	9/19	7.0	7.0	-19.9	(P) F	(L) F
Calibr.	↓		1207	2711517	10/19	4.0	4.0	159.3	(P) F	(L) F
Calibr.	↓		1213	2708A21	1/19	10.0	9.98	-192.0	(P) F	(L) F
ICV	↓		1220	2709B15	9/19	7.0	7.02	-18.6	(P) F	(L) F
CCV	↓	2/15/18	1258	2708A21	1/19	10.0	10.01	-193.6	(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	Brian Davis	2/8/18	1224	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
SMP CONTINUOUS MONITORING SHEET

June 2017 ver.

PAGE ____ OF ____

Data Qualified?
Yes / No

STORET Station Name: McCoy's Creek at Leland Sr.

WBID: 2257

STORET Station ID: 20030725

ORG ID: 21FLA

Meter ID#: 9AE

Pre-Deployment Setup

Date: <u>2/8/17</u>	Performed by: <u>Brian Davis</u>		
Parameters Recorded: ☒ Date, ☒ Time, ☒ Temp.(C°), ☒ Sp. Cond., ☒ DO%, ☒ DO mg/L, ☒ pH, ☒ Depth.			
Sampling Interval: 15 min.	Free Memory (days): <u>153</u>	Expected Battery Life: <u>12.4</u> ^{117°C}	Expected Deployment: <u>5dys</u>
Programmed Start Date/Time: <u>2/9/18 0900</u>	(Cent. / East.) (mm/dd/yyyy)	Programmed End Date/Time: <u>2/14/18 0900</u>	(Cent. / East.) (mm/dd/yyyy)
Sonde Filename: <u>MCC2918</u>	Reset Clock? (Y or N) ☒	Wipers Park Correctly? (Y or N) ☒	
Calibration Date: <u>2/8/17</u>			

Deployment

Date: <u>2/9/18</u>	Time Into Water: <u>920</u>	Time Zone: Cent. / East. ☒
Deployed Sonde Latitude: <u>30.32661</u>	Deployed By: (print all staff present) <u>B Davis A. Kalmbacher</u>	
Deployed Sonde Longitude: <u>-81.69802</u>		
Notes: (how to get to, landmarks, site considerations & concerns, etc.)		
Photos (required) ☒ Yes / No (Strongly recommended; show deployment site with surroundings, landmarks, mounting, etc.)		

Retrieval

Date: <u>2/14/18</u>	Time Out Of Water: <u>10.15</u>	Time Zone: Cent. / East. ☒
Retrieval Sample: ☒ Water Chemistry, ☒ Meter Spot Check / None	Mounting Left or Removed? <u>No, Removed</u>	Retrieved By: <u>B Davis / AK</u>
Field ID: <u>RQ-2018-02-12-26</u>		
Notes: (significant fouling, signs of human disturbance, site considerations and concerns, etc.)		

Post-Deployment

Date: <u>2/15/18</u>	Performed by: <u>B Davis</u>
Data File Downloaded? ☒ Yes / No	Archived Filename: <u>02092018-data</u>
Meter Verification Date:	

**Florida Department of Environmental Protection
Central Laboratory Submittal Form**

Customer: NE-DIST

Project ID: SMP

Requester: Brian Davis

Field Report Prepared By:

Collected By: H. Davis

Sampling Agency:

WIN / Field ID:				20030725		MCCOYS CRAT LELAND ST		Bottle Group(s) (See pg 2)	
Latitude		Longitude		30.32661		81.69802		A,B,C	
Location									
Field ID									
WIN/STORET #									
Latitude		Longitude							
Location									
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WIN/STORET #									
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Location									
Field ID									
WIN/STORET #									
Latitude									

Relinquished By: <i>[Signature]</i>	Date/Time 2-14-2018	Shipping Method FedEx	1500
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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-SO ₄ -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 H ₂ SO ₄	Enter Number of Bottles Sent to Lab	1
	W-NH ₃						
	W-NO ₂ NO ₃						
	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-PO ₄ -F						
Group: B	Bottle Type:	P-250ML-WI-THI	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	NE-ALS-ECQ						
Group: C	Bottle Type:	QPCR-P-250ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	PCR-FILTER						
Group: C	Bottle Type:	BG-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	W-AHERB-AA						
	W-SUC-AA-R						
	W-UHERB-AA						



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ALS Contact: Jerry Allen

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