



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
SMP CONTINUOUS MONITORING SHEET

August 2017

PAGE ____ OF ____

Data Qualified?
Yes / No

STORET Station Name: McCoy's Creek at Leland St. WBID: 2257
STORET Station ID: 20030725 ORG ID: 21FLA
Field ID: _____ County: Pinel RQ - 2018-09-24-58

Meter ID# : <u>9AE</u>			
Pre-Deployment Setup			
Date: <u>10/15/18</u>		Performed by: <u>B Davis</u>	
Parameters Recorded: ☒ Date ☒ Time ☒ Temp. (C) ☒ sp. Cond. ☐ DO SAT ☒ DO (mg/L) ☐ pH ☐ Depth			
Sampling Interval (min): <u>15</u>	Free Memory (days): <u>108</u> ¹⁰⁷	Expected Battery Life: <u>108</u>	Programmed Duration: <u>7 days</u>
Sonde Filename: <u>MC101518</u>			Reset Clock? (Y or N) <u>N</u>
Programmed Start Date/Time: <u>10/15/18</u> (mm/dd/yyyy) <u>1300</u> (hh:mm:ss) (Cent. / <u>East</u>)	Wipers Park Correctly? <u>Y</u>		
Programmed End Date/Time: <u>10/22/18</u> (mm/dd/yyyy) <u>1300</u> (hh:mm:ss) (Cent. / <u>East</u>)	Calibration Date <u>10/15/18</u>		

Deployment			
Date: <u>10/15/18</u>	Time Into Water: <u>1045</u> <u>1140</u>	Time Zone: Cent. / <u>East</u>	
Deployed Sonde Latitude: <u>30.32661</u>	Deployed By: (print all staff present) <u>BD, AK</u>		
Deployed Sonde Longitude: <u>-81.69802</u>			

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

Photos: Yes / No

Retrieval			
Date: <u>10/22/18</u>	Time Out Of Water: <u>1135</u>	Time Zone: Cent. / <u>East</u>	
Mounting left or removed? <u>Removed</u>	Retrieved By: <u>BD</u>		

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

Significant Algae Intrusion

Post-Deployment			
Date: <u>10/22/18</u>	Performed by: <u>B Davis</u>		
Data File Downloaded? <u>Yes</u> / No	Archived Filename: <u>10152018-d-19</u>		
Meter Verification Date: <u>10/22/18</u>			

WIN /
Field ID:

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
ING PROGRAM FIELD SHEET

April 2018

Data Qualified?

Yes / No



20030725

Date: 10-22-2018
(mm/dd/yyyy)

MCCOYS CR AT LELAND ST

WBID: 2257 Latitude: 30.32661

Latitude: 30-32661

County: Duval

ORG ID: 217LA Longitude: -81.69802

Receiving Body of Water: LSJR

RQ-2018-09-24-58

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

Water Level:							Meter ID#	Matrix:
Dry / Pooled / Low / Normal / High / Flooded							YSI 11	Fresh / Marine / DI

Photos:		Flow:	Tide:	Tide Times:
Yes / No		No Flow / Intertidal / Flowing / NA	Rising / Falling / Slack / NA	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	1135		0.10	0.20	5.2	60	7.59	0.27	554	22.8
CEN		0.20		S						

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

SPIO ID Numbers:		HA-ID:	RPS-ID:	Macrophyte-ID:	LIMS#:

Parameter Suite	Parameter Methods	Preservation	Lot#	Expiration	pH Check
Preserved Nutrients	☒ W-NH ₃ / ☒ W-NO ₂ NO ₃ / ☒ W-TKN / ☒ W-TOC / ☒ W-S-A-TP	☒ Ice ☒ H ₂ SO ₄	SA8197090	7/2019	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO ₃			☐ <2
Filtered Nutrients	☒ W-P04-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	RAV29007		
Chlorophyll	☒ CHL SUITE-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-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 ☐ Other			

Contains: 1:1 H₂SO₄
Lot No.: SA8197090
Expires: 07/16/19
See Safety Data Sheet (SDS)

Place Preservation (If A)

TECHNICAL SUPPORT SERVICES
MAIL BOX 1054
1430-650-2711
CORRECTION: 1:1 H₂SO₄
7/16/19
CAUTION: Do not breathe vapors from bottle or canister. Avoid contact with skin and eyes. If contact occurs, flush immediately with water. Wear protective gloves and eye protection. Do not ingest. Do not allow children to play with. Do not use for drinking water. Do not use for food preparation. Do not use for medical purposes. Do not use for laboratory equipment. Do not use for other purposes. Do not use for anything else.

Notes:

Place Label Here

Signature: 1801

Date: 10-22-2018

Enter Field Parameters, Verify Station ID In LIMS DMT:

QC Station ID, Field Parameters In LIMS DMT: BD10/29/18

Scan/Save Field Sheets BP 10/29/
(Initials/Date)

Migrate Data to WIN:

Verify Data In WIN:

(Initials/Date)

(Initials/Date)

(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: 9AE RQ: 2018-09-24-58 Project: McCoy's Co., Mo.

- 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.	B-V-	10/15/18	840	24.2	8.38	8.39	100	—	—	(P) F	(L) F
ICV		↓	843	24.3	8.37	8.40	100	—	—	(P) F	(L) F
CCV	AK Limbacher	10-22-18	1945	24.5	8.34	8.36	100.3			(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-V-	10/15/18	846	180711A	7/19	1000	1000	(P) F	(L) F
ICV			914	180321A	4/19	100	105	(P) F	(L) F
CCV	AK Limbacher	10-22-18	1448	180711A	7/19	1.000	997	(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-V-	10/15/18	855	2803E45	3/20	7.0	7.0	-37.9	(P) F	(L) F
Calibr.			859	2806975	6/20	4.0	4.0	142.3	(P) F	(L) F
Calibr.			905	2712B55	6/19	10.0	9.97	-207.6	(P) F	(L) F
ICV			907	2803E45	3/20	7.0	7.06	-37.8	(P) F	(L) F
CCV	AK Limbacher	10/22/18	1450	2712B55	6/20/19	10.0	10.04	-211.8	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	B-V-	10/15/18	910	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:

Continuous Monitoring 2018

last revised Jan 25, 2018

Central Laboratory Submittal Form

Customer: WQAP

Requester: Brian Davis

Field Report Prepared By: B Davis

Project ID: SMP

Collected By: B Davis, AKS/12/6/18Sampling Agency: DEAR NEDWIN/
Field ID:

20030593

GOODBYS CREEK AT BAYMEADOWS RD

Latitude

☐ dd
☐ dms

Longitude

☐ dd
☐ dmsSalinity
(ppt)

0.27

Comments

WIN /
Field ID:

20030725

MCCOYS CR AT LELAND ST

Latitude

☐ dd
☐ dms

Longitude

☐ dd
☐ dmsSalinity
(ppt)

0.27

Comments

Location

☐ Comp
☐ GrabCollection (comp begin or grab)
Date TimeEastern
CentralComposite end
Date TimeBottle
Group(s)

Field ID

Matrix (type, e.g., Salt, Fresh, etc)

Diss. Oxygen

☐ mg/L
☐ % satTotal Res. Chlorine
(mg/L)

WIN/STORET #

Temp
(C)

pH

Sample
Depth☐ ft
☐ mSp. Conductance
(umho/cm)

Latitude

☐ dd
☐ dms

Longitude

☐ dd
☐ dmsSalinity
(ppt)

Comments

Location

☐ Comp
☐ GrabCollection (comp begin or grab)
Date TimeEastern
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(mg/L)

WIN/STORET #

Temp
(C)

pH

Sample
Depth☐ ft
☐ mSp. Conductance
(umho/cm)

Latitude

☐ dd
☐ dms

Longitude

☐ dd
☐ dmsSalinity
(ppt)

Comments

Relinquished By: B Davis

Date/Time

10/22/18 1600

Shipping Method

FedEx

Number of Coolers Shipped:

1

Received By:

Date/Time

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	1
	ALKALINITY						
	TURBIDITY						
	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-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

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: QPCR-P-500ML	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
PCR-FILTER					
Group: C	Bottle Type: BG-500ML	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
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-250ML-WI-THI	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1 to ALS
NE-ALS-ENQ					

