

WIN /
Field ID:

20030725

ENVIRONMENTAL PROTECTION
NG PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

MCCOYS CR AT LELAND ST

Date: 6/20/2018

WBID: 2257

Latitude: 30.32661 (mm/dd/yyyy)

County: Duval

ORG ID: 21FLA

Longitude: -81.69862 (Decimal Degrees)

Receiving Body of Water: SJR

RQ-2018-05-14-55

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

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☐ Pole
☐ Carboy	☐ Syringe	
☐ Dipper	☐ Other	
Depth Measured with meter		
Equipment ID 040 KIF 44		

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

Water Level: Dry/ Pooled/ Low / Normal / High / Flooded
Photos: Yes / (No) Flow: No Flow / Interstitial / Flowing / NA
Meter ID# 151 T Matrix: (Fresh) Marine/ DI
Tide: Rising / (Falling) / Slack/ NA Tide Times: High 420 Low 1104

Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPTth)	Sp COND (µmhos/cm)	Temp. (C°)
EST	0950	0.17	0.1	0.17	3.4	42%	7.46	0.22	468	26.7
CEN				9						

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	SA7275010	10/2018	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	R7KA12512		
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			

Notes:

Place Label Here

Signature:

Date:

Enter Field Parameters, Verify Station ID In LIMS DMT:

QC Station ID, Field Parameters In LIMS DMT:

Scan/Save Field Sheets

Migrate Data to WIN:

Verify Data In WIN:

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:

3AD

RQ-

2018-05-14-55
Continuous Mont.

Project:

McCoy's 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.	AKalmbacher	6-14-18	0845	22.7	8.62	8.61	99.9	—	1.0167	P/F	L/F
ICV			0855	22.7	8.62	8.60	99.8	—	1.0165	(P)F	(L)F
CCV	AKalmbacher	6-20-18	1615	24.0	8.41	8.27	98.3	—	1.0165	P/F	L/F
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 mhos/cm	Meter Reading μ mhos/cm	Pass / Fail	Lab / Field
Calibr.	AKalmbacher	6-14-18	0857			1,000	1,000	P/F	L/F
ICV			0902			100	108	(P)F	(L)F
CCV	AKalmbacher	6-20-18	1618	180321B	4/2019	1,000	1,000	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.	AKalmbacher	6-14-18				7.0			P/F	L/F
Calibr.						4.0			P/F	L/F
Calibr.	NO	PH	PROBE			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	AKalmbacher	6-14-18	0910	0.000	0.000	(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

PAGE ____ OF ____

August 2017

Data Qualified?
Yes / No

STORET Station Name: McCoy's Creek at Leland St WBID: 2257

STORET Station ID: 2003075 ORG ID: 215LA

Field ID: _____ County: Duval RQ - 2018-05-14-55

Meter ID# : <u>3AD</u>			
Pre-Deployment Setup			
Date: <u>6-14-2018</u>		Performed by: <u>A. Kalmbacher</u>	
Parameters Recorded: ☒ Date ☒ Time ☒ Temp. (C°) ☒ Sp. Cond. ☒ DOSAT ☒ DO (mg/L) ☐ pH ☒ Depth			
Sampling Interval (min): <u>00:15</u>		Free Memory (days): <u>144</u>	Expected Battery Life: <u>201</u>
Sonde Filename: <u>MCC61418</u>		Programmed Duration: <u>6</u>	
Programmed Start Date/Time: <u>6/14/18</u> (mm/dd/yyyy) <u>1130</u> (hh:mm:ss) (Cent. <u>1</u> <u>East</u>)		Reset Clock? (Y or N) <u>N</u>	
Programmed End Date/Time: <u>06/14/2018</u> (mm/dd/yyyy) <u>1130</u> (hh:mm:ss) (Cent. <u>1</u> <u>East</u>)		Wipers Park Correctly? <u>Y</u>	
		Calibration Date <u>6/14/18</u>	

Deployment			
Date: <u>6/14/18</u>		Time Into Water: <u>1220</u>	Time Zone: Cent. <u>1</u> <u>East.</u>
Deployed Sonde Latitude: <u>30.32661</u>	Deployed By: <u>B. Davis</u>		(print all staff present)
Deployed Sonde Longitude: <u>-81.69802</u>	<u>A. Kalmbacher</u>		
Notes: (how to get to, landmarks, site considerations & concerns, etc.)			
Photos: Yes / <u>No</u>			

Retrieval			
Date: <u>6/20/18</u>		Time Out Of Water: <u>950</u>	Time Zone: Cent. <u>1</u> <u>East.</u>
Mounting left or removed? <u>Removed</u>	Retrieved By: <u>B. Davis</u>		
Notes: (significant fouling, signs of human disturbance, site considerations and concerns, etc.)			

Post-Deployment			
Date: <u>6/21/18</u>		Performed by: <u>B. Davis</u>	
Data File Downloaded? <u>Yes</u> / <u>No</u>	Archived Filename: <u>06202018_data</u>		
Meter Verification Date: <u>6/20/18</u>			

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	

Group: B	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 1	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	1
Group: C	Bottle Type: PCR-FILTER	PCR-P-500ML Q PCR-P-250ML	# of Bottles: 3 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
Group: C	Bottle Type: W-E8321-DI W-E8321-MS	BG-500ML	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
Group: D	Bottle Type: NE-ALS-ECQ	P-250ML-WI-THI	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1 Sent to Contract Lab
Group: E	Bottle Type: NE-ALS-ENQ	P-120ML-WC-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1 Sent to Contract Lab

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

SR#

CAS Contract

9143 Phillips Highway, Ste 200 • Jacksonville, FL 32256 (904) 739-2277 • 800-695-7222 x06 • FAX (904) 739-2011

PAGE 1 OF 1

Project Name Continuous Monitoring		Project Number RD 2018-05-14-55		ANALYSIS REQUESTED (Include Method Number and Container Preservative)	
Project Manager Brian Davis		Email Address brian.davis@doe.state.fl.us		PRESERVATIVE 8	
Company/Address 8800 Baymeadows Way W STE 106 Jacksonville, FL 32256		Phone # 904-256-1700		FAX #	
Sample's Signature [Signature]		Sample's Printed Name Brian Davis		NUMBER OF CONTAINERS 5. Coli Enterococci	
CLIENT SAMPLE ID 26030593	LAB ID	SAMPLING DATE 6-20-18	TIME 0840	MATRIX SW	
20030725		1	0950	1	X
SPECIAL INSTRUCTIONS/COMMENTS					
TURNAROUND REQUIREMENTS RUSH (SURCHARGES APPLY) STANDARD REQUESTED FAX DATE REQUESTED REPORT DATE					
REPORT REQUIREMENTS I. Results Only II. Results + QC Summaries (LCS, DUP, MS/MSD as required) III. Results + QC and Calibration Summaries IV. Data Validation Report with Raw Data V. Specialized Forms / Custom Report Edata Yes No					
INVOICE INFORMATION PO # BILL TO:					
RELINQUISHED BY [Signature]		RECEIVED BY [Signature]		RELINQUISHED BY [Signature]	
CUSTODY SEALS: Y N		RELINQUISHED BY		RECEIVED BY	
SAMPLE RECEIPT: CONDITION/COOLER TEMP: 0.4°C		RELINQUISHED BY		RECEIVED BY	
Printed Name Amy Kumbach		Signature [Signature]		Printed Name [Signature]	
Firm EDLP		Firm ALS		Firm [Signature]	
Date/Time 6-20-2018		Date/Time 6/20/18		Date/Time 1030	