FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
...ING PROGRAM FIELD SHEET

January 2018

Data Qualified? Yes / No

WIN / Field ID: 20030725

MCCOYS CR AT LELAND ST

Date: 4 / 19 / 2018 (mm/dd/yyyy)

WBID: 2257 | Latitude: 30.32661 (Decimal Degrees)

ORG ID: 21FLA | Longitude: -81.69802 (Decimal Degrees)

County: Duval | RQ-2018- 04-16-45

Receiving Body of Water: LSJR

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

Sampling Equipment
- [x] Sample Container
- [ ] Carboy
- [ ] Dipper
- [ ] Van Dorn
- [ ] Syringe
- [ ] Other
- [ ] Pole

Depth Measured with: YSI #4

Equipment ID: Ortho #7

Collection Method
- [x] Wading
- [ ] From Shore
- [ ] Other
- [ ] Canoe/Kayak
- [ ] Electric Motor
- [ ] Gasoline Motor

Matrix: (Fresh) / Marine / DI

Meter ID#: YSI #4

Tide Times: High 1253 Low 737

Water Level: Dry / Pooled / (Low) / Normal / High / Flooded

Tide: Rising / (Falling) / Slack / NA

Photos: Yes / (No)

Flow: No Flow / Interstitial / (Flowing) / NA

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	1015	0.2	0.1	0.2	4.2	46	7.35	0.20	418	19.8
CEN										

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	[x] W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	[x] Ice [x] H_2SO_4	SA7341020	12/7/18	[x] <2
		[ ] Ice [ ] HNO_3			[ ] <2
Metals	[ ] W-ICPMS [ ] W-ICP	[x] Ice	R7EA12511		
Filtered Nutrients	[x] W-PO4-F [x] Field Filtered 0.45 µm Filter	[x] Ice			
Chlorophyll	[x] CHLSUITE-W	[x] Ice			
Physical/Aggregate (Fresh)	[x] Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS	[ ] Ice			
Physical/Aggregate (Marine)	[ ] Alkalinity / W-F / W-TSS / TURBIDITY	[ ] Formalin			
Macroinvertebrates	[ ] MI-FW-QLDC	[ ] Ice			
Periphyton	[ ] ALGAE-ID	[x] Ice			
Microbiology	[x] E Coli [ ] F Coli [ ] Enterococci	[x] Ice			
Molecular	[x] PCR-FILTER [ ] PCR-HF183 [ ] PCR-BacR [ ] PCR-GULL2 [ ] PCR-GFD	[x] Ice			
Tracers	[ ] W-SUC-AA-R [ ] W-UHERB-AA [ ] W-AHERB-AA	[x] 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	[ ] Other			
	W-E8321-MS / W-E8321-DI				

Place Preserv... (label affixed):

Contains: 1:1 H2S04
Lot No.: SA7341020
Expires: 12/07/18
See Safety Data Sheet (SDS)

SULFURIC ACID <51% — Contains: 1:1 H2SO4 — DANGER — THERMO FISHER SCIENTIFIC

Notes:

Place Label Here

Date: 4/23/18

Signature: B. D.

QC Station ID, Field Parameters In LIMS DMT: BD 4/23/18 (Initials/Date)

Enter Field Parameters, Verify Station ID In LIMS DMT: JM 4/23/18 (Initials/Date)

Verify Data In WIN: ________ (Initials/Date)

Migrate Data to WIN: ________ (Initials/Date)

... 4/23/18

PAGE ____ OF ____

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
SMP CONTINUOUS MONITORING SHEET

August 2017

Data Qualified? Yes / No

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

STORET Station ID: 20030725 **ORG ID:** 21FLA

County: Duval **RQ -** 2018-04-16-45

Field ID: N/A

Meter ID# : 9AE YSI

Pre-Deployment Setup

Date: 4/12/18 **Performed by:** Brian 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:** 117 **Programmed Duration:** 7 days

Sonde Filename: MC41218 **Reset Clock? (Y or N)** N

Programmed Start Date/Time: ~~10~~ 4/12/18 (mm/dd/yyyy) 10:30 (hh:mm:ss) (Cent. / East) **Wipers Park Correctly?** Yes

Programmed End Date/Time: 4/19/18 (mm/dd/yyyy) 10:30 (hh:mm:ss) (Cent. / East) **Calibration Date** 4/11/18

Deployment

Date: 4/12/18 **Time Into Water:** 1232 **Time Zone:** Cent. / East.

Deployed Sonde Latitude: 30.21727 **Deployed By: (print all staff present)** B Davis Kathleen A.

Deployed Sonde Longitude: -81.6124

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

Photos : Yes / No

Retrieval

Date: 4/19/18 **Time Out Of Water:** 1027 **Time Zone:** Cent. / East.

Mounting left or removed? Removed **Retrieved By:** B Davis

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

Post-Deployment

Date: 4/19/18 **Performed by:** B Davis

Data File Downloaded? Yes / No **Archived Filename:** 04192018_data

Meter Verification Date: 4/19/18

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 page.

Meter ID: YAE RQ- 2018-04-16-45 Project: McCoy's Main

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-V-	4/11/18	1510	23.1	8.56	8.56	100	—	1.03	P / F	L / F
ICV			1511	23.1	8.58	8.59	100.4	/	1.03	P / F	L / F
CCV		4/19/18	1417	22.7	8.62	8.63	101.9	/	1.03	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 µmhos/cm	Meter Reading µmhos/cm	Pass / Fail	Lab / Field
Calibr.	B-V-	4/11/18	1513	322/413	4/18	1413	1413	P / F	L / F
ICV			1516	171129B	12/18	100	100	P / F	L / F
CCV		4/19/18	1420	180321B	4/19	1000	1000	P / F	L / F
CCV								P / F	L / F

Conductivity Acceptance criteria ± 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-	4/11/18	1524	2711C81	11/19	7.0	7.0	-24.1	P / F	L / F
Calibr.			1527	2711517	8/19	4.0	4.0	157.4	P / F	L / F
ICV			1531	2711527	8/19	10.0	9.97	-195.2	P / F	L / F
CCV			1531	2711C81	11/19	7.0	7.04	-22.8	P / F	L / F
CCV			1522	2711527	8/19	10.0	9.94	-194.5	P / F	L / F
									P / F	L / F

pH Acceptance criteria ± 0.2 SU; mV pH 7 Range 0 ± 50; mV pH 4 Range +180 ± 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-	4/11/18	1535	0.00	0.00	P / F	L / F

Report two decimal places. Round numbers ≤ 4 down, ≥ 5 up. ICV acceptance criteria ± 5 % or ± 0.05m, whichever is greater.

COMMENTS:

CHAIN OF CUSTODY / LABORATORY ANALYSIS REQUEST FORM

ALS Environmental

9143 Philips Highway, Suite 200 Jacksonville, FL 32256 / Ph(904) 739-2277 / FAX (904) 739-2011

SR #

ALS Contact: Jerry Allen

Client Name: FDEP-NE ROC	Project Number: RQ-2018- 04-16-45
Report To: Dep-Overflowmicro@dep.state.fl.us	Report CC:
Company/Address: 8800 Baymeadows Way W, Jacksonville, Fl 32256	
Phone #: 904-256-1541	FAX #:
Sampler's Signature:	Sampler's Printed Name: Brian Davis

ANALYSIS REQUESTED (Include Method Number and Container Preservative)

Preservative Key: 0. None; 1. HCL; 2. HNO3; 3. H2SO4; 4. NaOH; 5. Zn. Acetate; 6. MeOH; 7. NaHSO4; 8. Other

CLIENT SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	Matrix	NUMBER OF CONTAINERS	Preservative	E.Coli	Enterocooi	REMARKS
						0	0		
20030725		4/19/18	1015	SW	1		1		
20030593		↓	1155	↓	1			1	

Special Instructions/Comments: **Email Report to: Dep-Overflowmicro@dep.state.fl.us**

0.5°C

TURNAROUND REQUIREMENTS

___ RUSH (SURCHARGES APPLY)

X STANDARD

REQUESTED FAX DATE: N/A

REQUESTED REPORT DATE: N/A

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

Edata ___ Yes ___ No

INVOICE INFORMATION

P.O. # B10739

Bill to:

Relinquished By	Received By	Relinquished By	Received By	Relinquished By	Received By
Signature:	Signature:	Signature:	Signature:	Signature:	Signature:
Printed Name: Brian Davis	Printed Name: Joanna Stalnaker	Printed Name:	Printed Name:	Printed Name:	Printed Name:
Firm: FDEP/DEARNED	Firm: ALS	Firm:	Firm:	Firm:	Firm:
Date/Time: 4/19/18 1247	Date/Time: 4/19/18 1247	Date/Time:	Date/Time:	Date/Time:	Date/Time:

last revised Jan 25, 2018

Request Number: RQ-2018-04-16-45

2017 SMP Kit Template 1

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: WQAP

Project ID: SMP

Requester: Brian Davis

Collected By: B Davis, A Kolmbacher

Field Report Prepared By: [illegible]

Sampling Agency: NED [illegible]

WIN / Field ID: 20030725

MCCOYS CR AT LELAND ST

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☑ Grab	Collection (comp begin or grab) Date 4/19/18 Time 1015	(Eastern) Central	Composite end Date Time	Bottle Group(s) (See pg 2) A,C,D
Matrix (type, e.g., Salt, Fresh, etc) Fresh	Diss. Oxygen 4.2	☑ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
Temp (C) 19.8	pH 7.35	Sample Depth 0.3	☐ ft ☑ m	Sp. Conductance (umho/cm) 418
Salinity (ppt) 0.20	Comments			

WIN/ Field ID: 20030593

GOODBYS CREEK AT BAYMEADOWS RD

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☑ Grab	Collection (comp begin or grab) Date 4/19/18 Time 1155	(Eastern) Central	Composite end Date Time	Bottle Group(s) B,C,E
Matrix (type, e.g., Salt, Fresh, etc) Fresh	Diss. Oxygen 11.8	☑ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
Temp (C) 22.8	pH 7.92	Sample Depth 0.3	☐ ft ☑ m	Sp. Conductance (umho/cm) 1028
Salinity (ppt) 0.51	Comments			

Location

Field ID

WIN/STORET #

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time	Eastern Central	Composite end Date Time	Bottle Group(s)
Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)
Salinity (ppt)	Comments			

Location

Field ID

WIN/STORET #

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time	Eastern Central	Composite end Date Time	Bottle Group(s)
Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)
Salinity (ppt)	Comments			

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
[illegible]	4/19/18 1630	Fedex	1		

Group	Bottle Type		# of Bottles		Preservative		Enter Number of Bottles Sent to Lab
A	P-1L		1		ICE		1
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
A	BP-1L		1		ICE		1
	CHLSUITE-W						
A	P-500ML		1		ICE And H2SO4		1
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
A	P-125ML		1		FILTER-ICE		1
	W-PO4-F						
B	P-1L		2		ICE		1
	ALKALINITY						
	TURBIDITY						
	W-F						
	W-TSS						
B	BP-1L		2		ICE		1
	CHLSUITE-W						
B	P-500ML		2		ICE And H2SO4		1
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
B	P-125ML		2		FILTER-ICE		1

Group: B	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 2	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab 1
Group: C	Bottle Type: PCR-FILTER	QPCR-P-500ML	# 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: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab to ALS 1
Group: E	Bottle Type: NE-ALS-ENQ	P-120ML-WC-THI	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab to ALS 1