FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
RING PROGRAM FIELD SHEET

April 2018

Data Qualified? Yes / No

WIN / Field ID: 20030793

Date: 12-27-2018 (mm/dd/yyyy)

CRAIG CR @ HENDRICKS AVE

WBID: 2297 Latitude: 30.29659 (Decimal Degrees)

County: Duval ORG ID: 21FLA Longitude: -81.6472 (Decimal Degrees)

Receiving Body of Water: SJR RQ-2018- 11-26-21

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
C. Ruben		X			
A. Kalmbacher	X		X		

Sampling Equipment

- [X] Sample Container [ ] Van Dorn [X] Pole
- [ ] Carboy [ ] Syringe
- [ ] Dipper [ ] Other
- Depth Measured with: meter
- Equipment ID: Ortho Kit 7

Collection Method

- [ ] Wading [ ] Canoe/Kayak
- [X] From Shore [ ] Electric Motor
- [ ] Other [ ] Gasoline Motor

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

Meter ID# YSI PODSS

Matrix: (Fresh) / Marine / DI

Photos: Yes / (No)

Flow: No Flow / Intestital / (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 (PPTh)	Sp COND (µmhos/cm)	Temp. (C°)
EST	0935	0.4	0.3	0.4 S	7.0	73	7.3	0.22	454	17.7
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	SA8085170	3/2019	[X] <2
Metals	[ ] W-ICPMS [ ] W-ICP	[X] Ice [ ] HNO_3			[ ] <2
Filtered Nutrients	[X] W-PO4-F [X] Field Filtered 0.45 µm Filter	[X] Ice	SAW7HS		
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	[X] Ice			
Physical/Aggregate (Marine)	[ ] Alkalinity / W-F / W-TSS / TURBIDITY	[ ] Ice			
Macroinvertebrates	[ ] MI-FW-QLDC	[ ] Formalin			
Periphyton	[ ] ALGAE-ID	[ ] 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	[X] W-E8321-DI [X] W-E8321-MS	[X] Ice			
Pesticides	[ ] W-PSNP-TQ [ ] W-CT-CL-R [ ] W-E8321-DI [ ] W-PCL-SQ-R [ ] WE8321-MS [ ] W-CARB-AA	[ ] Ice [ ] Other			

Place Preserv (If

Contains: 1:1 H2S04
Lot No.: SA8085170
Expires: 03/26/19
See Safety Data Sheet (SDS)

SULFURIC ACID <51%

Notes:

Place Label Here

Signature: Chyanne K Date: 12-27-18

Enter Field Parameters, Verify Station ID In LIMS DMT: DD 1/14/18 (Initials/Date) QC Station ID, Field Parameters In LIMS DMT: DD 1/14/18 (Initials/Date)

Scan/Save Field Sheets: DD 1/14/18 (Initials/Date) Migrate Data to WIN: (Initials/Date) Verify Data In WIN: (Initials/Date)

CHAIN OF CUSTODY / LABORATORY ANALYSIS REQUEST FORM

SR #

ALS Environmental

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

Client Name	Project Number
FDEP-NE ROC	RQ- 2018-11-26-21
Report To	**Report CC** Project Manager
Dep-Overflowmicro@dep.state.fl.us	Jeremy Parrish
Company/Address	
8800 Baymeadows Way W Jacksonville, Fl 32256	
Phone #	**FAX #**
904-256-1541	
Sampler's Signature	**Sampler's Printed Name**
Cheyanne Ruben	Cheyanne Ruben

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 ice

CLIENT SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	Matrix	NUMBER OF CONTAINERS	E.Coli	Enterocooi	REMARKS
					Preservative	0	0	
20030793		12-27-18	0935	8	1	X		

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

4.0°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: Cheyanne Ruben	Signature: Bonnie Branch	Signature	Signature	Signature	Signature
Printed Name: Cheyanne Ruben	Printed Name: Bonnie Branch	Printed Name	Printed Name	Printed Name	Printed Name
Firm: FDEP	Firm: ALS	Firm	Firm	Firm	Firm
Date/Time: 12-27-18 1042	Date/Time: 12/27/18 1042	Date/Time	Date/Time	Date/Time	Date/Time

Request Number: RQ-2018-11-26-21

Continuous Monitoring 2018

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NE-DIST

Requester: Brian Davis

Field Report Prepared By: Cheyanne Reben

Project ID: SMP

Collected By: Cheyanne Reben

Sampling Agency: FDEP DEAR NE Reg

Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 12-27-18 Time 0935		(Eastern) Central	Composite end Date — Time —	Bottle Group(s) (See pg 2): A, C
Field ID	WIN / Field ID: 20030793	Matrix (type, e.g., Salt, Fresh, etc): FRESH		Diss. Oxygen: 7.0 ☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L): —	
WIN/ST	CRAIG CR @ HENDRICKS AVE	Temp (C): 17.7	pH: 7.3	Sample Depth: 0.3 ☐ ft ☒ m		Sp. Conductance (umho/cm): 454	
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt): 0.22	Comments				
Location		☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time		Eastern Central	Composite end Date Time	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 ☐ dd ☐ dms	Salinity (ppt)	Comments				
Location		☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time		Eastern Central	Composite end Date Time	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 ☐ dd ☐ dms	Salinity (ppt)	Comments				
Location		☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time		Eastern Central	Composite end Date Time	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 ☐ dd ☐ dms	Salinity (ppt)	Comments				

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Cheyanne R	12-27-18 1600	Fedex	1		

Group: A	Bottle Type:	P-1L	# of Bottles: 1	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: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab 1
	CHLSUITE-W					
Group: A	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: A	Bottle Type:	P-125ML	# of Bottles: 1	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 NA
	ALKALINITY TURBIDITY W-F W-TSS					
Group: B	Bottle Type:	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab NA
	CHLSUITE-W					
Group: B	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab NA
	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 NA

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

CALIBRATION AND VERIFICATION LOG (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000)

Boldly "X" this box if there are qualified data on this page. ☐

Meter ID: YSI EXO RQ- 2018-11-26-21 Project: Cont. monitoring

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.

Temperature (Quarterly) FT 1400 Date of Last Temperature Verification _____

DO DEP SOP FT 1500	Name	Date	Time CT-ET	Temp °C	Baro-meter mmHg	D.O. Chart mg/L	Meter D.O. mg/L	% DO	Probe Charge	Probe Gain	Pass / Fail	Lab / Field
Calibr.	B. Davis	12-20-18	1405	22.2	750.1	8.70	8.59	98.7		1.044	P / F	L / F
ICV			1408	22.3	749.6	8.69	8.58	98.8			(P) / F	(L) / F
CCV	AKalmbacher	12-27-18	1150	21.1	765.4	8.89	8.98	101.0			(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 (Pro DSS 0.75 to 1.50); 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. Davis	12-20-18	1410	181102	11/2019	1,000	1,000	P / F	L / F
ICV			1415	1024820	9/2019	24,820	24,987	(P) / F	(L) / F
CCV	AKalmbacher	12-27-18	1200	181102	11/2019	1,000	1,001	(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	Temp °C	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	B. Davis	12-20-18	1417	2809841	9/2020	7.0	22.8	7.01	+11.7	P / F	L / F
Calibr.			1419	2810B32	9/2020	4.0	22.7	4.00	170.2	P / F	L / F
Calibr.			1423	1806F51	12/2019	10.0	22.9	10.02	-183.1	P / F	L / F
ICV			1425	2809841	9/2020	7.0	22.7	7.1	+13.1	(P) / F	(L) / F
CCV	AKalmbacher	12-27-18	1202	1806F51	12/2019	10.0	22.7	10.05	-186.4	(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 ± 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)

Does meter have a depth sensor that will be used to measure total depth & sample depth? YES / NO / NA (not surf. water project)
If **YES**, complete daily Calibr. & ICV below and list date of last quarterly depth verification: _____
If **NO**, what will be used? (circle one) **Secchi Disk Line / Sonar** Unique ID: _____; Date of last 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. Davis	12-20-18	1435	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:

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
SMP CONTINUOUS MONITORING SHEET

August 2017

PAGE ____ OF ____

Data Qualified? Yes / No

STORET Station Name: Craig Creek @ Hendricks Ave **WBID:** 2297

STORET Station ID: 20030793 **ORG ID:** 21FLA

Field ID: _____ **County:** Duval **RQ -** 2018-11-26-21

Meter ID# :

Pre-Deployment Setup

Date:	**Performed by:**		
Parameters Recorded: ☑ Date ☑ Time ☑ Temp (C°) ☑ Sp. Cond. ☑ DOSAT ☐ DO (mg/L) ☑ pH ☑ Depth			
Sampling Interval (min): 15	**Free Memory ~~(days)~~:** 99%	**Expected Battery Life:**	**Programmed Duration:** 6 days
Sonde Filename:			**Reset Clock? (Y or N)**
Programmed Start Date/Time: 12-21-2018 (mm/dd/yyyy) 11:00 am (hh:mm:ss) (Cent. / (East)			**Wipers Park Correctly?** Y
Programmed End Date/Time: 12-27-2018 (mm/dd/yyyy) 11:00 am (hh:mm:ss) (Cent. / (East)			**Calibration Date** 12-20-2018

Deployment

Date: 12-21-2018 **Time Into Water:** 11:25 AM **Time Zone:** Cent. / (East.)

Deployed Sonde Latitude:		**Deployed By: (print all staff present)**	Cheyanne Ruben Amy Kalmbacher
Deployed Sonde Longitude:			

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

Photos : Yes / (No)

Retrieval

Date: 12/27/18 **Time Out Of Water:** 0952 **Time Zone:** Cent. / (East.)

Mounting left or removed?		**Retrieved By:**	Cheyanne Ruben Amy Kalmbacher

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

Post-Deployment

Date:	**Performed by:**
Data File Downloaded? Yes / No	**Archived Filename:**
Meter Verification Date:	