---- -- ----- -- -NVIRONMENTAL PROTECTION
G PROGRAM FIELD SHEET
ary 2018

Data Qualified? Yes / No

WIN/ Field ID: 20030593

Date: 6/20/2018 (mm/dd/yyyy)

WI[illegible] GOODBYS CREEK AT BAYMEADOWS RD

WBID: ~~2257AK~~ 2326B Latitude: 30.2172 (Decimal Degrees)

County: Duval ORG ID: 21FLA Longitude: -81.61212 (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
- [x] Sample Container
- [ ] Van Dorn
- [ ] Pole
- [ ] Carboy
- [ ] Syringe
- [ ] Dipper
- [ ] Other

Depth Measured with: meter
Equipment ID: Ortho kit 44

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

Water Level: Dry/ Pooled/ Low / (Normal) / High / Flooded — Meter ID# YSI II — Matrix: (Fresh)/ Marine / DI

Photos: Yes / (No) — Flow: No Flow / Interstitial / Flowing / NA — Tide: (Rising)/ Falling/ Slack/ NA — Tide Times: High 600 Low 1245

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)	0840	0.8	0.3	0.55	3.12	38	7.23	0.11	230	26.4
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	SA7275010	10/2018	[x] <2
Metals	[ ] W-ICPMS [ ] W-ICP	[ ] Ice [ ] HNO_3			[ ] <2
Filtered Nutrients	[x] W-PO4-F [x] Field Filtered 0.45 µm Filter	[x] Ice	R7KA12512		
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	[ ] E Coli [ ] F Coli [x] Enterococci	[ ] Ice			
Molecular	[x] 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			
	[x] W-E8321-DI [x] W-E8321-MS				

Place Preservati[...] (If Av[...])

Contains: 1:1 Sulfuric Acid
Lot No.: SA7275010
Expires: 10/02/18
See Safety Data Sheet (SDS)
SULFURIC ACID <51%
Contains: 1:1 Sulfuric Acid
DANGER

Notes: Incoming tide

Place Label Here

Signature: [signature] Date: 6-20-2018

Enter Field Parameters, Verify Station ID In LIMS DMT: [initials] 6/22/18 (Initials/Date)
QC Station ID, Field Parameters In LIMS DMT: BT 6/25/18 (Initials/Date)

Scan/Save Field Sheets: BT 6/25/18 (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 page.

Meter ID: 9AE RQ- 2018-05-14-55 Project: Goodby CM

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 - D -	6/14/18	830	23.6	8.48	8.48	100.1	✓	1.014	(P) / F	(L) / F
ICV			837	23.7	8.46	8.50	100.3	✓	1.014	(P) / F	(L) / F
CCV	AKalmbacher	6-20-18	1520	24.8	8.29	8.43	101.7		1.014	(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 µmhos/cm	Meter Reading µmhos/cm	Pass / Fail	Lab / Field
Calibr.	B - D -	6/14/18	845	1803218	4/19	1000	1000	(P) / F	(L) / F
ICV			848	3221413	9/18	1413	1428	(P) / F	(L) / F
CCV	AKalmbacher	6-20-18	1600	1805321A	4/2019	100	104	(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 - D -	6/14/18	853	2711681	11/19	7.0	7.0	-30.6	(P) / F	(L) / F
Calibr.			859	2711517	10/19	4.0	4.0	148.0	(P) / F	(L) / F
Calibr.			903	2711527	4/19	10.0	9.98	-202.1	(P) / F	(L) / F
ICV			907	2711681	11/19	7.0	7.03	-30.1	(P) / F	(L) / F
CCV	AKalmbacher	6-20-18	1610	2711527	4/19	10.0	10.03	-205.4	(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)

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 - D -	6/14/18	910	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: Goodbys Creek @ Baymeadows Rd **WBID:** 2326B

STORET Station ID: 20030593 **ORG ID:** 21FLA

Field ID: 9AE **County:** Duval **RQ -** 2018-05-14-55

Meter ID# :

Pre-Deployment Setup

Date: 6/14/18 **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):** 124	**Expected Battery Life:** 117	**Programmed Duration:** 6
Sonde Filename: GBC 6148			**Reset Clock? (Y or N)** N
Programmed Start Date/Time: 6/14/18 (mm/dd/yyyy) 1030 (hh:mm:ss) (Cent. / East)			**Wipers Park Correctly?** Y
Programmed End Date/Time: 6/20/18 (mm/dd/yyyy) 1130 (hh:mm:ss) (Cent. / East)			**Calibration Date** 6/14/18

Deployment

Date: 6/14/18 **Time Into Water:** 1100 **Time Zone:** Cent. / East.

Deployed Sonde Latitude:	30.2172	**Deployed By: (print all staff present)**	BDavis
Deployed Sonde Longitude:	-81.6212		A Kolbeck

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

Photos : Yes / (No)

Retrieval

Date: 6/20/18 **Time Out Of Water:** 900 **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: 6/21/18 **Performed by:** BDavis

Data File Downloaded? (Yes) / No **Archived Filename:** 06202018_data

Meter Verification Date: 6/20/18

Request Number: RQ-2018-05-14-55

2017 SMP Kit Template 1

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: WQAP

Project ID: SMP

Requester: Brian Davis

Collected By: Brian Davis

Field Report Prepared By: A. Kalmbacher

Sampling Agency: FDEP/NE ROC

WIN/ Field ID: 20030593

GOODBYS CREEK AT BAYMEADOWS RD

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 6-20-2018 Time 0840 | Eastern / Central | Composite end Date Time | Bottle Group(s) (See pg 2): B & E, C, E

Matrix (type, e.g., Salt, Fresh, etc): Salt | Diss. Oxygen: 3.12 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C): 26.4 | pH: 7.23 | Sample Depth: 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm): 230

Salinity (ppt): 0.11 | Comments: Incoming tide

WIN / Field ID: 20030725

MCCOYS CR AT LELAND ST

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 6-20-2018 Time 0950 | Eastern / Central | Composite end Date Time | Bottle Group(s): A & B, C, D

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen: 3.4 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C): 26.7 | pH: 7.46 | Sample Depth: 0.1 ☐ ft ☒ m | Sp. Conductance (umho/cm): 468

Salinity (ppt): 0.22 | 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
[signature]	6-20-2018 1500	Fed Ex	1		

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	~~QPCR-P-500ML~~ QPCR-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

ALS Environmental

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

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SR#

CAS Contract

Project Name: Continuous Monitoring	Project Number: RQ 2618-05-14-55
Project Manager: Brian Davis	Email Address: jeremy.m.parrish@dep.state.fl.us
Company/Address: 8800 Baymeadows Way W STE 100, Jacksonville, FL 32256 FDEP	
Phone #: 904-256-1700	FAX #:
Sampler's Signature:	Sampler's Printed Name: Brian Davis

ANALYSIS REQUESTED (Include Method Number and Container Preservative)

CLIENT SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	E. Coli	Enterococci	REMARKS/ ALTERNATE DESCRIPTION
20030593		6-20-18	0840	SW	1	X	X	
20030725		↓	0950	↓	1	X		

PRESERVATIVE: 8

Preservative Key
0. NONE
1. HCL
2. HNO_3
3. H_2SO_4
4. NaOH
5. Zn. Acetate
6. MeOH
7. $NaHSO_4$
8. Other ICE

SPECIAL INSTRUCTIONS/COMMENTS

See QAPP ☐

SAMPLE RECEIPT: CONDITION/COOLER TEMP: 0.4°C CUSTODY SEALS: Y N

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	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature:	Signature:	Signature	Signature	Signature	Signature
Printed Name: Amy Kalmbacher	Printed Name: Shannon Stuck	Printed Name	Printed Name	Printed Name	Printed Name
Firm: FDEP	Firm: ALS	Firm	Firm	Firm	Firm
Date/Time: 6-20-2018	Date/Time: 6/20/18 1030	Date/Time	Date/Time	Date/Time	Date/Time

Distribution: White - Return to Originator; Yellow - Retained by Client