



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
WATER QUALITY MONITORING PROGRAM FIELD SHEET

WIN/
Field ID:



20030593

January 2018

Data Qualified?

Yes / No

GOODBYS CREEK AT BAYMEADOWS RD

Date: 4/19/2018

(mm/dd/yyyy)

WBID: 2326B

Latitude: 30.2172

(Decimal Degrees)

County: Duval

ORG ID: 21FLA

Longitude: -81.61212

(Decimal Degrees)

Receiving Body of Water: LSKR

RQ-2018-04-16-45

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

Sampling Equipment				
☒ Sample Container	☐ Van Dorn	☐ Pole		
☐ Carboy	☐ Syringe			
☐ Dipper	☐ Other			
Depth Measured with YSI #4				
Equipment ID 04160 #7				

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

Water Level: Dry / Pooled / Low / Normal / High / Flooded					Meter ID# YSI #4					Matrix: Fresh / Marine / DI									
Photos: Yes / No					Flow: No Flow / Interstitial / Flowing / NA					Tide: Rising / Falling / Slack / NA					Tide Times: High 1430 Low 945				
Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPT)	Sp COND (umhos/cm)	Temp. (C°)									
EST	1155	0.68	0.3	0.55	11.8	137	7.92	0.51	1028	22.8									
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	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP					☒ Ice ☒ H2SO4	SA7341020	12/7/18	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP					☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 um Filter					☒ Ice	R7AE12511		
Chlorophyll	☒ CHLSUITE-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-BaC ☐ 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					☐ Ice			
	☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R					☐ Other			
W-E8321-MS / W-E8321-BF									



Notes:	Place Label Here
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Signature: [Signature]	Date: 4/19/18
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Enter Field Parameters, Verify Station ID In LIMS DMT: [Signature] 4/23/18	QC Station ID, Field Parameters In LIMS DMT: [Signature] 4/23/18
Scan/Save Field Sheets [Signature] 4/23/18	Migrate Data to WIN: [Signature]
Verify Data In WIN: [Signature]	



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
SMP CONTINUOUS MONITORING SHEET

August 2017

PAGE ____ OF ____

Data Qualified?
Yes / No

STORET Station Name: Goodby's Creek at Bayneadows Rd WBID: 2326B
STORET Station ID: 20030593 ORG ID: 21FLA
Field ID: N/A County: Pinel RQ: 2018-04-16-45

Meter ID#: YSI 3AD

Pre-Deployment Setup

Date: <u>4/12/18</u>	Performed by: <u>B = T</u>	☒ pH	☒ Depth
Parameters Recorded: ☒ Date ☒ Time ☒ Temp. (C) ☒ Sp. Cond. ☒ DOSAT ☒ DO (mg/L)			
Sampling Interval (min): <u>15</u>	Free Memory (days): <u>144</u>	Expected Battery Life: <u>20 days</u>	Programmed Duration: <u>7 days</u>
Sonde Filename: <u>GC41218</u>			Reset Clock? (Y or N) <u>N</u>
Programmed Start Date/Time: <u>4/12/18</u> (mm/dd/yyyy) <u>1200</u> (hh:mm:ss) (Cent. / East) <u>East</u>			Wipers Park Correctly? <u>Yes</u>
Programmed End Date/Time: <u>4/19/18</u> (mm/dd/yyyy) <u>1200</u> (hh:mm:ss) (Cent. / East) <u>East</u>			Calibration Date <u>4/11/18</u>

Deployment

Date: <u>4/12/18</u>	Time Into Water: <u>1123</u>	Time Zone: Cent. / <u>East</u>
Deployed Sonde Latitude: <u>30.32666</u>	Deployed By: <u>B Davis</u>	(print all staff present)
Deployed Sonde Longitude: <u>81.69793</u>	<u>A Kalinbacher</u>	
Notes: (how to get to, landmarks, site considerations & concerns, etc.)		

Photos: Yes / No

Retrieval

Date: <u>4/19/18</u>	Time Out Of Water: <u>1200</u>	Time Zone: Cent. / <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>4/19/18</u>	Performed by: <u>B = T</u>
Data File Downloaded? Yes / <u>No</u>	Archived Filename: <u>N/A</u>
Meter Verification Date: <u>4/19/18</u>	

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

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

Meter ID: YSI 3AD

RQ: 2018-04-16-45

Project: Goodby'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 Let

DO	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
DEP SOP FT 1500										P / F	L / F
Calibr.	<u>B = V</u>	<u>4/11/18</u>	<u>1550</u>	<u>21.45</u>	<u>8.82</u>	<u>8.84</u>	<u>100</u>	<u>✓</u>	<u>1.01</u>	<u>P</u> / F	<u>L</u> / F
ICV			<u>1551</u>	<u>21.5</u>	<u>8.82</u>	<u>8.84</u>	<u>100.1</u>	<u>✓</u>	<u>1.01</u>	<u>P</u> / F	<u>L</u> / F
CCV	<u>A. Kalmbacher</u>	<u>4-19-18</u>	<u>1420</u>	<u>21.7</u>	<u>8.79</u>	<u>8.71</u>	<u>99.1</u>	<u>—</u>	<u>1.01132</u>	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.	<u>B = V</u>	<u>4/11/18</u>	<u>1555</u>	<u>3221413</u>	<u>9/18</u>	<u>1413</u>	<u>1413</u>	<u>P</u> / F	<u>L</u> / F
ICV			<u>1558</u>	<u>1470318</u>	<u>9/18</u>	<u>147</u>	<u>154</u>	<u>P</u> / F	<u>L</u> / F
CCV	<u>A. Kalmbacher</u>	<u>4-19-18</u>	<u>1430</u>	<u>3221413</u>	<u>9/18</u>	<u>1413</u>	<u>1421</u>	<u>P</u> / F	<u>L</u> / F
CCV								P / F	L / F

Conductivity Acceptance criteria $\pm 5\%$

pH	Name	Date	Time CT-ET	Lot #	Expir. Date	pH Buffer SU	Meter reading SU	mV	Pass / Fail	Lab / Field
DEP SOP FT 1100									P / F	L / F
Calibr.						7.0			P / F	L / F
Calibr.						4.0			P / F	L / F
Calibr.						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	<u>B = V</u>	<u>4/11/18</u>	<u>1600</u>	<u>0.00</u>	<u>0.00</u>	<u>P</u> / F	<u>L</u> / F

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

COMMENTS:

Form effective October 1, 2017

AI.S Contact: Jerry Allen

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ATLANTA

[illegible]

Florida Department of Environmental Protection Central Laboratory Submittal Form

Request Number: RQ-2018-04-16-45
2017 SMP Kit Template 1

Customer: WQAP
Project ID: SMP

Requester: Brian Davis
Collected By: B. Davis, A. K. S. M. B. C. E.

Field Report Prepared By: B. Davis
Sampling Agency: WET Bar



WIN /
Field ID: 20030125



GOODBYS CREEK AT BAYMEADOWS RD

Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	0.20	Comments		Temp (C)	19.8	pH	7.35	Sample Depth	0.3	Sp. Conductance (umho/cm)	418	Bottle Group(s)	A, C, D
Location	MCCOYS CR AT LELAND ST																
Field ID	WIN/Field ID: 20030593																
WIN/STORET #																	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	0.51	Comments		Temp (C)	22.8	pH	7.92	Sample Depth	0.3	Sp. Conductance (umho/cm)	1028	Bottle Group(s)	B, C, E
Location	GOODBYS CREEK AT BAYMEADOWS RD																
Field ID																	
WIN/STORET #																	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)		Comments		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)		Bottle Group(s)	
Location																	
Field ID																	
WIN/STORET #																	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)		Comments		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)		Bottle Group(s)	

Relinquished By: <u>B. Davis</u>	Date/Time: <u>4/19/18 1630</u>	Shipping Method: <u>Fedex</u>	Number of Coolers Shipped: <u>1</u>	Received By:	Date/Time:
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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: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	ALKALINITY						
	TURBIDITY						
	W-F						
	W-TSS						
Group: B	Bottle Type:	BP-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	CHLSUITE-W						
Group: B	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: B	Bottle Type:	P-125ML	# of Bottles: 2	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	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: 34	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
Group: C	Bottle Type: W-E8321-DI	BG-500ML	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
Group: D	Bottle Type: NE-ALS-ECQ	P-250ML-WI-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
Group: E	Bottle Type: NE-ALS-ENQ	P-120ML-WC-THI	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1