



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

Data Qualified?

Yes / No

January 2018

WIN Station Name: Mosquito Creek @ Jinks Crossing Rd

Date: 4/18/2018
(mm/dd/yyyy)

WIN/ Field ID: G2TLHR0092

WBID: 376A

Latitude: 30.7027

(Decimal Degrees)

County: Gadsden

ORG ID: 21FLTLHR

Longitude: 84.8263

(Decimal Degrees)

Receiving Body of Water: Apalachicola River

RQ-2018- 04-16-30

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
Son Woods Sade Buckheff						X	X	X	X	X	☒ Sample Container	☐ Van Dorn	☐ Pole		
											☐ Carboy	☒ Syringe			
											☐ Dipper	☐ Other			
Depth Measured with						Equipment ID									
											Collection Method				
☒ Wading						☐ Canoe/Kayak									
☐ From Shore						☐ Electric Motor									
☐ Other						☐ Gasoline Motor									
Water Level: Dry/ Pooled/ Low / Normal / High / Flooded						Meter ID# EXO 3				Matrix: Fresh / Marine / DI					
Photos: Yes / No		Flow: No Flow / Intestinal / 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	1110	0.8	0.3	0.8	8.61	92.2	7.60	0.03	67	17.56					
CEN				5											
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		787590		10/2/18		☒ <2		
Metals		☒ W-ICPMS ☒ W-ICP					☒ Ice ☒ HNO3		7341010		12/1/18		☒ <2		
Filtered Nutrients		☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter					☒ Ice								
Chlorophyll		☒ CHLSUITE-W					☐ Ice								
Physical/Aggregate (Fresh)		☒ 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					☐ Ice								
Macroinvertebrates		☐ MI-FW-QLDC					☐ Formalin								
Periphyton		☐ ALGAE-ID					☐ Ice								
Microbiology		☐ E Coll ☒ F Coll ☐ 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					☐ Ice								
		☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R					☐ Other								
		W-64321-D1 W-64321-MS													
Notes: kit: C-b/t/m															
Field/WIN ID → G2TLHR0092															
Location ↓ Mosquito Creek @ Jinks Crossing Rd															
Signature: [Signature]										Date: 4/18/18					

Enter Field Parameters, Verify Station ID In LIMS DMT: JIB 4/20/18

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: Exo 3 RQ: Project: SMP 2018/

21ST1804

- 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.	J. Burkhardt	4/18/18	7:54	20.5	9.00	9.01	100	-	1.06	☒ F	☒ F
ICV	↓	↓	8:04	19.4	9.20	9.19	100	-	-	☒ F	☒ F
CCV	↓	↓	16:02	26.4	8.06	8.04	100	-	-	☒ F	☒ 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 μ mhos/cm	Meter Reading μ mhos/cm	Pass / Fail	Lab / Field
Calibr.	J. Burkhardt	4/18/18	7:56	180116B	01/19	1000	1000	☒ F	☒ F
ICV	↓	↓	8:06	2710781	09/19	100	95	☒ F	☒ F
CCV	↓	↓	16:04	180116B	01/19	1000	995	☒ F	☒ F
CCV			16:08	2710781	09/19	100	96	☒ F	☒ 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.	J. Burkhardt	4/18/18	7:58	17121A	06/19	7.0	7.0	-37.7	☒ F	☒ F
Calibr.	↓	↓	8:00	180116D	01/19	4.0	4.0	140.2	☒ F	☒ F
Calibr.	↓	↓	8:02	180221E	09/19	10.0	10.0	-20.4	☒ F	☒ F
ICV	↓	↓	8:08	180221E	09/19	10.0	10.0	-20.0	☒ F	☒ F
CCV	↓	↓	16:10	180116D	01/19	4.0	4.1	135.4	☒ F	☒ 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 10 164.2, slope from 4 to 7 177.9 (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 12/17

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						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:

kit C-b/t/m (WBID 376A) Mosquito Creek

last revised Jan 25, 2018

Customer: TLH-ROC

Requester: Chris Green

Field Report Prepared By: J. Woods

Project ID: SMP

Collected By: JW/JB

Sampling Agency: 8834

Location	Field/WIN ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)
Field ID	Location ↓		Date	Time	mg/L	Total Res. Chlorine	(See pg 2)
WIN/STOF			Matrix (type, e.g., Salt, Fresh, etc)		% sat		
Latitude			Temp (C)	pH	ft	Sp. Conductance (umho/cm)	
			Salinity (ppt)	Comments			
Location	Field/WIN ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)
Field ID	Location ↓		Date	Time	mg/L	Total Res. Chlorine	
WIN/STOF			Matrix (type, e.g., Salt, Fresh, etc)		% sat		
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			Salinity (ppt)	Comments			
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Field ID	Location ↓		Date	Time	mg/L	Total Res. Chlorine	
WIN/STORET #			Matrix (type, e.g., Salt, Fresh, etc)		% sat		
Latitude			Temp (C)	pH	ft	Sp. Conductance (umho/cm)	
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Location	Field/WIN ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)
Field ID	Location ↓		Date	Time	mg/L	Total Res. Chlorine	
WIN/STORET #			Matrix (type, e.g., Salt, Fresh, etc)		% sat		
Latitude			Temp (C)	pH	ft	Sp. Conductance (umho/cm)	
			Salinity (ppt)	Comments			

Relinquished By: JW	Date/Time: 4/18/18 1453	Shipping Method: HD	Number of Coolers Shipped: 1	Received By: J. D.	Date/Time: 4/18/18 2:55
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Group: A	Bottle Type: P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
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	2
CHLSUITE-W						
Group: A	Bottle Type: P-120ML-OC	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
FCOLI-MF						
Group: A	Bottle Type: QPCR-P-500ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
PCR-FILTER						
Group: A	Bottle Type: BG-500ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
W-E8321-DI W-E8321-MS						
Group: A	Bottle Type: P-500ML	# of Bottles: 2	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	2
W-ICP W-ICPMS						
Group: A	Bottle Type: P-500ML	# of Bottles: 2	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	2
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	2
W-PO4-F						