



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

Data Qualified?

Yes / No

January 2018

WIN Station Name: Unnamed Branch @ Flat Creek Rd

Date: 11/26/2018
(mm/dd/yyyy)

WIN/ Field ID: G2TLHR0031

WBID: 477

Latitude: 30.62827

(Decimal Degrees)

County: Gadsden

ORG ID: 21FLTLHR

Longitude: 84.825169

(Decimal Degrees)

Receiving Body of Water: Flat Creek

RQ-2018- 11-26-56

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
J. Burchett						☒	☒	☒	☒	☒	☒ Sample Container	☐ Van Dorn	☐ Pole		
P. Blair						☒	☒	☒	☒	☒	☐ 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 / <u>High</u> / Flooded						Meter ID# 5477			Matrix: <u>Fresh</u> / Marine / DI						
Photos: Yes / <u>No</u>		Flow: No Flow / Intestinal / <u>Flowing</u> / NA				Tide: Rising/ Falling/ Slack/ <u>NA</u>			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	1035	2.3	0.3	0.3	9.01	93.7	6.80	0.02	43	17.2					
CEN	1038		1.8		9.07	94.4	6.84	0.02	43	17.2					
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	548274050	10/1/19	☒ <2						
Metals	☒ W-ICPMS ☐ W-ICP					☐ Ice ☐ HNO3	NA8197000	7/16/19	☒ <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 Coli ☐ F Coli ☐ 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-E8321-DI ☒ W-E8321-MS ☒ W-CARB-AA ☒ W-PCL-SQ-R ☒ W-PYR-AA-R ☒ W-GLYPH					☐ Ice ☐ Other									

Notes:
Kit: C-b pesticides

Place Label Here

Signature:

Date:

Enter Field Parameters, Verify Station ID in LIMS DMT:

QC Station ID, Field Parameters in LIMS DMT:

Scan/Save Field Sheets

Migrate Data to WIN:

Verify Data in WIN:

**Equipment Cleaning Log
Regional Operation Centers**

Equipment	Unique ID	Date	Time (24 hr)	Location (Lab / Field)	Liquinox Wash (Y/N)	Luminox Wash (Y/N)	Tap Water Rinse (Y/N)	10% HCl Rinse (Y/N)	DI Water Rinse X3 (Y/N)	Other (Describe)	Sampler Name
VanDorn	2	11/24/18	800	L	N	Y	Y	N	Y		P. Blais
VanDorn	2	11/26/18	1140	F	N	Y	N	N	Y		P. Blais
"	"	11/26/18	1400	F	N	Y	N	N	Y		"

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: 154177

RQ-

Project: SMP2018

- 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 10/18

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.	J. Burtchett	11/26/18	755	20.2	752.9	8.92	8.97	99.1	-	1.05	P/F	F
ICV			805	19.0	753.2	9.21	9.35	100.8	-	-	P/F	F
CCV			1351	22.4	755.5	8.62	8.70	101.2	-	-	P/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 (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 μ mhos/cm	Meter Reading μ mhos/cm	Pass / Fail	Lab / Field
Calibr.	J. Burtchett	11/26/18	757	180621C	07/19	1000	1000	P/F	F
ICV			807	1805F81	05/20	100	101	P/F	F
CCV			1353	1805F81	05/20	100	101	P/F	F
CCV								P/F	L/F

Conductivity Acceptance criteria $\pm 5\%$

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.	J. Burtchett	11/26/18	759	180621C	01/20	7.01	19.5	7.02	-32.4	P/F	F
Calibr.			801	180621D	07/19	4.00	19.3	4.00	145.6	P/F	F
Calibr.			803	180403D	10/19	10.08	19.2	10.07	-147.7	P/F	F
ICV			809	180403D	10/19	10.08	18.7	10.01	-188.4	P/F	F
CCV			1354	180621D	07/19	4.00	17.7	3.89	146.7	P/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 1, slope from 4 to 7 1 (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: 10/18

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	J. Burtchett	11/26/18	753	0.00	0.00	P/F	F

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

COMMENTS:

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Customer: TLH-ROC

Project ID: SMP

Requester: Michael Eckles

Collected By: P. Burtchett

Field Report Prepared By: J. Burtchett

Sampling Agency: 8034

Location		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID	WIN/ST	Comp Grab	Date	Time	mg/L	% sat	(See pg 2)
Field/WIN ID →		Date 11/26/18		Time 1035			
Location ↓		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen			
		Fresh		9.01			
Temp (C)		pH		Sample Depth	Sp. Conductance (umho/cm)		
17.2		6.80		0.3	43		D
Salinity (ppt)		Comments					
0.02							
dd dms							
Location		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID	WIN/ST	Comp Grab	Date	Time	mg/L	% sat	
Field/WIN ID →		Date 11/26/18		Time 1120			
Location ↓		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen			
		Fresh		8.56			
Temp (C)		pH		Sample Depth	Sp. Conductance (umho/cm)		
16.7		6.71		0.3	51		C
Salinity (ppt)		Comments					
0.02							
dd dms							
Location		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID	WIN/ST	Comp Grab	Date	Time	mg/L	% sat	
Field/WIN ID →		Date 11/26/18		Time 1150			
Location ↓		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen			
		Fresh		8.84			
Temp (C)		pH		Sample Depth	Sp. Conductance (umho/cm)		
16.4		6.85		0.3	62		C
Salinity (ppt)		Comments					
0.03							
dd dms							
Location		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID	WIN/ST	Comp Grab	Date	Time	mg/L	% sat	
Field/WIN ID →		Date 11/26/18		Time 1215			
Location ↓		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen			
		Fresh		8.37			
Temp (C)		pH		Sample Depth	Sp. Conductance (umho/cm)		
17.2		6.35		0.3	31		A
Salinity (ppt)		Comments					
0.01							
dd dms							

Relinquished By: JB, PB	Date/Time: 11/26/18 1345	Shipping Method: HD	Number of Coolers Shipped: 2	Received By: [Signature]	Date/Time: 11/26/18 1346
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Group: A	Bottle Type:	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	ALKALINITY					
	TURBIDITY					
	W-CL-IC					
	W-COLOR					
	W-F					
	W-SO4-IC					
	W-TDS					
	W-TSS					
Group: A	Bottle Type:	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	CHLSUITE-W					
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	ECOLI-18QT					
Group: A	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab
	W-NH3				SA 8274050	
	W-NO2NO3				exp. 16/119	
	W-S-A-TP					
	W-TKN					
	W-TOC					
Group: A	Bottle Type:	P-125ML	# of Bottles: 3	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab
	W-PO4-F					
Group: B	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	ALKALINITY					
	TURBIDITY					
	W-CL-IC					
	W-COLOR					
	W-F					
	W-SO4-IC					
	W-TDS					
	W-TSS					
Group: B	Bottle Type:	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	CHLSUITE-W					
Group: B	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab

Group: B	Bottle Type:	P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab
	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
	W-PO4-F				
Group: C	Bottle Type:	P-1L	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab
	ALKALINITY				
	TURBIDITY				
	W-CL-IC				
	W-COLOR				
	W-F				
	W-SO4-IC				
	W-TDS				
	W-TSS				
Group: C	Bottle Type:	BP-1L	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab
	CHLSUITE-W				
Group: C	Bottle Type:	P-250ML-WO-THI	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab
	ECOLI-18QT				
Group: C	Bottle Type:	QPCR-P-500ML	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab
	PCR-FILTER				
Group: C	Bottle Type:	BG-500ML	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab
	W-E8321-DI				
	W-E8321-MS				
Group: C	Bottle Type:	P-500ML	# of Bottles: 2	Preservative: HNO3	Enter Number of Bottles Sent to Lab
	W-ICP				
	W-ICPMS				
				exp. 7/16/19	
Group: C	Bottle Type:	P-500ML	# of Bottles: 2	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab
	W-NH3				
	W-NO2NO3				
	W-S-A-TP				
				exp. 10/1/19	

Group: C	Bottle Type: W-TKN W-TOC	P-500ML	# of Bottles: 2	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	71	2
Group: C	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 2	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	71	2
Group: D	Bottle Type: ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS	P-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1	
Group: D	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1	
Group: D	Bottle Type: ECOLI-18QT	P-250ML-WO-THI	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1	
Group: D	Bottle Type: W-CARB-AA	BG-500ML	# of Bottles: 1	Preservative: CH2ClCOOH Pre-Preserved	Enter Number of Bottles Sent to Lab	4	
Group: D	Bottle Type: W-CT-Cl-R W-PCL-SQ-R	BG-500ML	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	4	
Group: D	Bottle Type: W-E8321-DI W-E8321-MS	BG-500ML	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1	
Group: D	Bottle Type: W-ICP W-ICPMS	P-500ML	# of Bottles: 1	Preservative: HNO3 NA8H7260 exp 7/16/18	Enter Number of Bottles Sent to Lab	1	
Group: D	Bottle Type: W-NH3 W-NO2NO3	P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4 SA8274050 exp. 10/1/19	Enter Number of Bottles Sent to Lab	1	

Group: D	Bottle Type: W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	1
Group: D	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 1	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	1
Group: D	Bottle Type: W-PSNP-TQ	BG-1L	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	4