



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

October 2017

Qualified Data

Yes

Location/STORET Station Name:

Russ Mill Creek @ Union rd

Date:

01/29/2018

STORET #

G2TLHR0037

WBID:

199

Latitude:

30.4523

County:

Jackson

RQ:

2018-01-29-48

ORG ID:

21FLTLHR

Longitude:

85.3417

Receiving Body of Water:

Waddells mill cr

Field ID:

G2TLHR0037

Sampling Team Members

J. Burkett
J. Tolbert

WQ Measurements
Sample Collection
Documentation
Preservation
Preservation Check

✓
✓
✓
✓
✓

Sampling Equipment

☒ Sample Container ☐ Van Dorn ☐ Pole
☐ Carboy ☒ Syringe
☐ Dipper ☐ Other

Equipment ID

Collection Method

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

Water Level: Dry / Low / Normal / Above Normal / 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	Sample Depth (m)	Total Depth (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPT)	Secchi Disk (m)	Sp COND (µmhos/cm)	Temp. (C°)
EST	1320	0.15	0.3	8.56	87	7.78	0.10	0.3	204	16.31
CEN								(S)		

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

SA7275010

10/2/18

<2

Metals

☐ W-ICPMS

☐ W-ICP

☐ Ice

☐ HNO3

<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-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-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-GLYPH

☐ W-SUC-AA-R

☐ Ice

☐ Other

Notes:

Place Label Here

(If Available)

Signature:

[Signature]

Date:

01/29/18

Field Parameters Entered into LIMS:

(Initials/Date)

Field Parameters QC in LIMS:

(Initials/Date)

Date Migrated to STORET:

(Initials/Date)

Field Sheets Scanned/Saved:

(Initials/Date)

**Florida Department of Environmental Protection
Central Laboratory Submittal Form**

Customer: TLH-ROC
Project ID: SMP

Requester: Chris Green
Collected By: J. Tolbert, S. Bockert

Field Report Prepared By: J. Butcher
Sampling Agency: 8034

[illegible]

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
JB, JT	1/29/18:1546	HD	1	[Signature]	1/29/18 3:48

Group: A	Bottle Type:	P-1L	# of Bottles: 25	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 25	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 25	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	ECOLI-18QT						
Group: A	Bottle Type:	P-500ML	# of Bottles: 25	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	4
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 25	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	4
	W-PO4-F						

Page 1 of 2
last revised Jan 3 2018

4308

[illegible]

Date/Time

12

29/18 3:48

Group: A	Bottle Type:	P-1L	# of Bottles: 25	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: 25	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 25	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	ECOLI-18QT						
Group: A	Bottle Type:	P-500ML	# of Bottles: 25	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: 25	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	2
	W-PO4-F						

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: Exo 3 RQ: 2018-01-29-48 Project: SMP 2018

- 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 12/17

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. Burckett	1/29/18	806	20.30	9.04	9.04	100	-	1.06	(P) F	(L) F
ICV	✓	✓	816	20.95	8.92	8.94	100	-	-	(P) F	(L) F
CCV	✓	✓		13.7	10.40	10.39	100	-	-	(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 hos/cm	Meter Reading μ hos/cm	Pass / Fail	Lab / Field
Calibr.	J. Burckett	1/29/18	808	171121D	12/19	1000	1000	(P) F	(L) F
ICV	✓	✓	814	2710761	9/19	1000	1000	(P) F	(L) F
CCV	✓	✓		180116A	1/19	1000	1001	(P) F	(L) 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	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	J. Burckett	1/29/18	810	171121A	06/19	7.0	7.0	-23.1	(P) F	(L) F
Calibr.	✓	✓	812	171121B	01/19	4.0	4.0	155.3	(P) F	(L) F
Calibr.	✓	✓	814	171121B	06/19	10.0	10.0	-193.2	(P) F	(L) F
ICV	✓	✓	820	171121B	06/19	10.0	10.0	-194.4	(P) F	(L) F
CCV	✓	✓		180116C	1/19	4.0	4.1	148.7	(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 10 170.1, slope from 4 to 7 178.4 (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:

