



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

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Data Qualified?

Yes / No

January 2017

STORET Station Name: Black Creek upstream of Bloxham Cutoff

Date: 12/29/2016

(mm/dd/yyyy)

STORET Station ID: G1WA0023

WBID: 1054

Latitude: 30.27792

(Decimal Degrees)

County: Wakulla RQ - 2016-12-26-36

ORG ID: 21FLWQA

Longitude: -84.3858

(Decimal Degrees)

Receiving Body of Water: Wakulla River

Field ID: G1WA0023-12292016

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
Robert Wiwi					☒	☒				☒ Sample Container	☐ Van Dorn	☐ Pole		
Will Lasley							☒	☒		☐ Carboy	☒ Syringe			
										☐ Dipper	☐ Other			
										Equipment ID				
										Collection Method				
										☒ Wading	Via Boat			
										☐ From Shore	☐ Canoe/Kayak			
										☐ Other (note below)	☐ Electric Motor			
											☐ Gasoline Motor			
Water Level: Dry / Pooled / Low / <u>Normal</u> / High / Flooded										Matrix: <u>Fresh</u> / Marine / DI				
Meter ID# 2					Photos: Yes / <u>No</u>					Tide Falling: Yes / No / <u>NA</u>				
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	0910	0.3	0.9	11.6	122	4.3	0.02	0.6	45	18.0				
CEN	-	-	-	-	-	-	-	-	-	-				

Biological Samples Collected: None HA SCI RPS Algae ID LVS LVI Other

SBIO ID Numbers: SBIO-ID: RPS-ID: Macrophyte-ID: LIMS#:

Parameter Suite	Parameter Methods	Preservation	Acid Lot#	Expiration	pH Check
Preserved Nutrients	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☒ Ice ☐ H2SO4	SA-6209120	7/7/17	☒ <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-CH-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 ☐ Entero ☐ PCR-FILTER	☐ Ice			
Tracers	☐ W-SUC-AA-R ☐ W-UHERB-AA	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-AHERB-AA ☐ W-PYR-AA-R ☐ W-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH	☐ Ice ☐ Other			

Contains
1:1
Sulfuric Acid
SA-6209120
EXP: 07/27/17
Warning!
See SDS

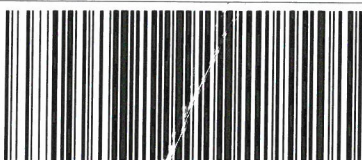
Place Packer(s) Here

Notes:

Field ID →

Black Creek
upstream of
Bloxham Cutoff

Dec 29, 2016



G1WA0023-12292016

Signature:

Black Creek
upstream of
Bloxham Cutoff

STORET ↓



G1WA0023

Date:

12/29/16

Field Parameters Entered into LIMS: DR 1/3/2017

Field Parameters QC in LIMS:

Date Migrated to STORET:

(Initials/Date)

Field Sheets Scanned/Saved:

(Initials/Date)

(Initials/Date)

(Initials/Date)

Request Number: RG-2016-12-26-36

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Central Lab Sample Submittal Form

Customer: WQAP

Project ID: SMP

Requester: Benjamin Ralys

Collected By:

Robert Wivi, Will Lasley

Field Report Prepared By: Robert Wivi
Sampling Agency: FDEP

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Field ID →

Black Creek
upstream of
Bloxham Cutoff

Dec 29, 2016

GIWA0023-12292016



STORET ↓

Black Creek
upstream of
Bloxham Cutoff

GIWA0023

☐ Comp
☒ GrabCollection (comp begin or grab)
Date 12/29/16 Time 9:10Eastern
CentralCollection (comp begin or grab)
Date — Time —Bottle
Group(s)

Matrix (Salt, Fresh)

Fresh

11.6

Dis. Oxygen
(mg/L)

pH

4.3

Sample Deps
(m)

0.3

Sp. Conductance
(umho/cm)

45

A

Temp
(C)

18.0

pH

4.3

Sample Deps
(m)

0.3

Sp. Conductance
(umho/cm)

45

A

Salinity
(ppt)

0.02

Comments

Latitude (Decimal Degrees)

30.27792

Longitude (Decimal Degrees)

-84.3858

☐ Comp
☒ GrabCollection (comp begin or grab)
Date — Time —Eastern
CentralCollection (comp begin or grab)
Date — Time —Bottle
Group(s)

Matrix (Salt, Fresh)

Dis. Oxygen
(mg/L)

pH

Sample Deps
(m)Sp. Conductance
(umho/cm)

45

A

Temp
(C)

18.0

pH

4.3

Sample Deps
(m)

0.3

Sp. Conductance
(umho/cm)

45

A

Salinity
(ppt)

0.02

Comments

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Date — Time —Eastern
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Date — Time —Bottle
Group(s)

Matrix (Salt, Fresh)

Dis. Oxygen
(mg/L)

pH

Sample Deps
(m)Sp. Conductance
(umho/cm)

45

A

Temp
(C)

18.0

pH

4.3

Sample Deps
(m)

0.3

Sp. Conductance
(umho/cm)

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Salinity
(ppt)

0.02

Comments

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☐ Comp
☒ GrabCollection (comp begin or grab)
Date — Time —Eastern
CentralCollection (comp begin or grab)
Date — Time —Bottle
Group(s)

Matrix (Salt, Fresh)

Dis. Oxygen
(mg/L)

pH

Sample Deps
(m)

0.3

Sp. Conductance
(umho/cm)

45

A

Relinquished By:

[Signature]

Date/Time

12/29/16 10:33

Number of Coolers

1

Received By:

[Signature]

Date/Time

12-29-16

Bottle
Group(s)

10-33

Group: A	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-TDS					
	W-TSS					

Group: A	Bottle Type:	BP-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	CHLSUITE-W					

Group: A	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					
	W-TKN					
	W-TOC					

Group: A	Bottle Type:	P-125ML	# of Bottles: 2	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab
	W-PO4-F					

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



Meter Biology 2 RQ- 2016-12-26-36 Project SMP

- Notes:** (1) Numbers ≤ 4 , are rounded down; numbers ≥ 5 are rounded up (e.g., 5.15 becomes 5.2).
 (2) Always wait for meter to stabilize before recording any readings.
 (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 09/23/2016

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.	Robert Wini	12/29/16	8:22	21.6	8.8	8.8	100	20.6	—	P	L
ICV	↓	↓	8:23	21.6	8.8	8.8	100	19.6	—	P	L
CCV	↓	↓	11:06	20.8	9.0	8.0	89	18.6	—	F	L
CCV											

Report DO mg/L with one decimal figure and DO % saturation as a whole number with no decimals.

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.	Robert Wini	12/29/16	8:24	161111D	11/2017	1000	1000	P	L
ICV	↓	↓	8:25	↓	↓	↓	1000	P	L
CCV	↓	↓	11:09	161111E	5/17	100	102	P	L
CCV									

Report specific conductance as a whole number with no decimal figure.

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.	Robert Wini	12/29/16	8:26	161111B	5/18	7.0	7.0	-26.4	P	L
Calibr.	↓	↓	8:28	161111A	11/17	4.0	4.0	153.9	P	L
Calibr.	↓	↓	8:29	160330C	10/17	10.0	10.0	-188.0	P	L
ICV	↓	↓	8:31	161111A	11/17	4.0	3.9	154.9	P	L
CCV	↓	↓	11:11	160330C	10/17	10.0	10.0	-193.1	P	L
CCV										

Report pH with one decimal place; pH Acceptance criteria ± 0.2 SU;

mV pH7 Range 0 ± 50 ; mV pH 4 Range $+180 \pm 50$;

mV pH 10 Range -180 ± 50 ; Slope from 7 to 10 and 4 to 7 must be between 165 and 180 mV

Depth (Quarterly)

Date of Last Depth Verification _____

Depth Sensor (Daily)	Name	Date	Time CT-ET	Zero the Sensor	ICV Value	Pass / Fail	Lab / Field
Pressure mode in air				0.000			

ICV acceptance criteria $\pm 5\%$ or ± 0.05 m, whichever is greater

Cooler Packing Worksheet for Request: RQ-2016-12-12-53

Big Branch, Lake Lafayette Drain and Soapstone Branch

Ship Cooler On: 12/13/2016

Customer/Project: WQAP/SMP

Requester: Benjamin Ralys

Priority: 3

850-245-8443
2600 Blair Stone Rd
MS #3560
Tallahassee, FL 32399-2400
Attn: Benjamin Ralys

Comments:

No preservatives needed.

Bottle Group A: freshwater kit no metals

Bottle Group B: SCI

Requested Analyses:

Bottle Group: A

of Sites: 3

Container ID: P-1L

Qty: 3 Preservation: ICE

Lot # 00065893

Description: Plastic Bottle 1L

Analysis

ALKALINITY

TURBIDITY

W-CL-IC

W-COLOR

W-F

W-TDS

W-TSS

Description

Alkalinity in aqueous matrices as mg CaCO₃/L

Turbidity in aqueous matrices

Chloride in aqueous matrices

True Color measured at 450 nm

Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)

Total Dissolved Solids in aqueous matrices

Total Suspended Solids in aqueous matrices

Container ID: BP-1L

Qty: 3 Preservation: ICE

Lot # 1185930 and 1183284

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

Phytoplankton chlorophyll-a corrected, uncorrected, phaeophytin and ratio by spectrophotometry