



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

PAGE 1 OF 7

Data Qualified?
Yes / No

January 2017

STORET Station Name: Caney Creek Upstream of US 90

Date: 01/04/2017

(mm/dd/yyyy)

STORET Station ID: G1WA0014

WBID: 716

Latitude: 30.5325

(Decimal Degrees)

County: Jefferson RQ - 2017-01-02-51

ORG ID: 21FLWQA

Longitude: -83.9501

(Decimal Degrees)

Receiving Body of Water: Lake Miccosukee

Field ID: G1WA0014-01042017

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment			
Robert Wiwi										☒ Sample Container	☐ Van Dorn	☐ Pole	
Ben Ralys										☐ 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 / Normal / High / Flooded										Matrix: Fresh / Marine / DI			
Meter ID# Biology 2										Photos: Yes / No			
										Tide Falling: Yes / No / NA			
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	10:50	0.2	0.4	8.7	89	7.0	0.04	VOB	92	16.2			
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	12/7/17	☒ <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-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 ☐ 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

Contains 1:1 Nitric Acid NA-6218060 EXP: 08/05/17 Warning! See SDS

Notes: Field ID → Caney Creek Upstream of US 90 Jan 04, 2017

Signature: *Ben Ralys*

Date: 1/4/17

Caney Creek Upstream of US 90

STORET ↓

G1WA0014 01042017

G1WA0014

Field Parameters Entered into LIMS: *DR 1/5/2017* (Initials/Date)

Date Migrated to STORET: (Initials/Date)

Field Parameters QC in LIMS: (Initials/Date)

Field Sheets Scanned/Saved: *DR 1/5/2017* (Initials/Date)

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 **Biology 2**

RQ- **2017-01-02-51**

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.	Curtis Mussen	1-4-17	07:57	21.3	8.8	8.84	99.9	41	-	P	L
ICV	Curtis Mussen	1-4-17	07:58	21.38	8.85	8.92	99.7	41	-	P	L
CCV	Robert Wini	1/4/17	13:48	21.1	8.9	8.6	97.0	39.0	-	P	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 hos/cm	Meter Reading μ hos/cm	Pass / Fail	Lab / Field
Calibr.	Curtis Mussen	1-4-17	07:44	16111D	1/2/17	1000	1000	P	L
ICV	Curtis Mussen	1-4-17	07:41	16111D	1/2/17	1000	1000	P	L
CCV	Robert Wini	1/4/17	13:51	16111E	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.	Curtis Mussen	1-4-17	7:48	16111B	5/2/17	7.0	7.00	-14	P	L
Calibr.	Curtis Mussen	1-4-17	7:50	16111A	11-17	4.01	4.01	-	P	L
Calibr.	Curtis Mussen	1-4-17	7:53	16111C	5-18	10.01	9.98	-182	P	L
ICV	Curtis Mussen	1-4-17	7:55	16111C	5-18	10.01	9.96	-183	P	L
CCV	Robert Wini	1/4/17	13:52	16111A	11/17	4.01	4.10	155.2	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

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Central Lab Sample Submittal Form

Request Number: RQ-2047-01-02-51

Customer: WQAP
Project ID: SMP

Requester: Benjamin Ralys

Collected By: Robert Wynn Ben Ralys

Field Report Prepared By: Ben Ralys
Sampling Agency: FDEP

Page 1 of 2

Caney Creek Upstream of US 90

G1WA0014

Wards Creek upstream of bridge at CR 259



Field ID →
Wards Creek upstream of bridge at CR 259
Jan 04, 2017



Matrix (Salt, Fresh)		Collection (comp begin or grab)	Time	Eastern Central	Collection (comp begin or grab)	Time	Eastern Central	Sample Depts (m)	Sp. Conductance (umho/cm)	Bottle Group(s)
☐ Comp ☒ Grab	16.2	Date 1/4/17	Time 10:50	Central	Date 1/4/17	Time 11:41	Central	0.3	92	B, C, D
Diss. Oxygen (mg/L) 8.7		pH 7.0		Comments		Latitude (Decimal Degrees) 30.5325		Longitude (Decimal Degrees) -83.9501		
Temp (C) 16.40		pH 6.41		Comments		Latitude (Decimal Degrees) 30.605000		Longitude (Decimal Degrees) -83.873257		
Salinity (ppt) 0.03		Sample Depts (m) 0.3		Sp. Conductance (umho/cm) 58		Bottle Group(s) A, C, D				
☐ Comp ☒ Grab		Date 1/4/17		Time 11:41		Central		Sample Depts (m) 0.3		
Diss. Oxygen (mg/L) 3.42		pH 6.41		Comments		Latitude (Decimal Degrees) 30.605000		Longitude (Decimal Degrees) -83.873257		
Temp (C) 16.40		pH 6.41		Comments		Latitude (Decimal Degrees) 30.605000		Longitude (Decimal Degrees) -83.873257		
Salinity (ppt) 0.03		Sample Depts (m) 0.3		Sp. Conductance (umho/cm) 58		Bottle Group(s) A, C, D				

Relinquished By: Ben Ralys

Date/Time 1/4/17

Number of Coolers 2

Received By: [Signature]

Date/Time 01-04-17 13:21

STORET Chicken Branch at Old Plank Rd	Field ID Chicken Branch at Old Plank Rd	Jan 04, 2017	Matrix (Salt, Fresh) Temp (C) Diss. Oxygen (mg/L) pH Salinity (ppt) Latitude (Decimal Degrees)	Collection (comp begin or grab) Date Time Central Sample Depts (m) Sp. Conductance (umho/cm)	Collection (comp begin or grab) Date Time Central Sample Depts (m) Sp. Conductance (umho/cm)	Bottle Group(s)
			17.2 7.2 3.3 0.12 30.3261	8:30 0.3 242		A, C
STORET Lake Lafayette Drain 250 meters downstream of Weems Rd	Field ID Lake Lafayette Drain 250 meters downstream of Weems Rd	Jan 04, 2017	Matrix (Salt, Fresh) Temp (C) Diss. Oxygen (mg/L) pH Salinity (ppt) Latitude (Decimal Degrees)	Collection (comp begin or grab) Date Time Central Sample Depts (m) Sp. Conductance (umho/cm)	Collection (comp begin or grab) Date Time Central Sample Depts (m) Sp. Conductance (umho/cm)	Bottle Group(s)
			18.3 7.0 8.4 0.04 30.4544	9:20 0.3 84		B, C
STORET Alford Arm Tributary at Buck Lake Rd.	Field ID Alford Arm Tributary at Buck Lake Rd.	Jan 04, 2017	Matrix (Salt, Fresh) Temp (C) Diss. Oxygen (mg/L) pH Salinity (ppt) Latitude (Decimal Degrees)	Collection (comp begin or grab) Date Time Central Sample Depts (m) Sp. Conductance (umho/cm)	Collection (comp begin or grab) Date Time Central Sample Depts (m) Sp. Conductance (umho/cm)	Bottle Group(s)
			16.1 6.6 3.7 0.02 30.46363	10:00 0.3 45		A
Relinquished By: Ben Ralys		Date/Time: 1/4/17 1:21	Number of Coolers: 2		Received By: [Signature] Date/Time: 01-04-17 13:21	

Group: B	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 2	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	2
Group: B	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 2	Preservative: ICE-FLTR	Enter Number of Bottles Sent to Lab	2
Group: C	Bottle Type: ECOLI-18QT	P-250ML-WO-THI	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	4
Group: D	Bottle Type: PCR-FILTER	QPCR-P-250ML	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	4
Group: D	Bottle Type: W-SUC-AA-R W-UHERB-AA	BG-1L	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
Group: E	Bottle Type: MI-FW-QLDC	PJ-2L	# of Bottles: 2	Preservative: Formalin	Enter Number of Bottles Sent to Lab	2

Cooler Packing Worksheet for Request: RQ-2017-01-02-51

2017 SMP Kit Template 1

Ship Cooler On: 12/21/2016

Customer/Project: WQAP/SMP

Requester: Curtis Musson

Priority: 3

850-245-8453
2600 Blair Stone Rd
MS #3525
Tallahassee, FL 32399-2400
Attn: Curtis Musson

Comments:

No preservatives needed.

Group A: Freshwater Kit, No Metals
Group B: Freshwater Kit With Metals
Group C: Freshwater Bacteria - E.coli
Group D: Tracers & Markers
Group E: SCI

Requested Analyses:

Bottle Group: A

of Sites: 4

Container ID: P-1L

Qty: 4 Preservation: ICE

Lot # D0065893

Description: Plastic Bottle 1L

Analysis

ALKALINITY
TURBIDITY
W-CL-IC
W-COLOR
W-F
W-SO4-IC
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)
Sulfate in aqueous matrices
Total Dissolved Solids in aqueous matrices
Total Suspended Solids in aqueous matrices

Container ID: BP-1L

Qty: 4 Preservation: ICE

Lot # 1185930

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

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

Container ID: P-500ML

Qty: 2 Preservation: HNO3

Lot # 00066045 (1)

Description: Plastic Bottle 500 mL

Affix RED nitric acid dot to container.

00065372 (1)

Analysis

W-ICP

W-ICPMS

Description

Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects

Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects

Container ID: P-500ML

Qty: 2 Preservation: ICE And H2SO4

Lot # 00065372

Description: Plastic Bottle 500 mL

Affix YELLOW sulfuric acid dot to container.

Analysis

W-NH3

W-NO2NO3

W-S-A-TP

W-TKN

W-TOC

Description

Ammonia in aqueous matrices as mg N/L

Nitrite/Nitrate in aqueous matrices as mg N/L

Total Phosphorus in aqueous matrices as mg P/L

Total Kjeldahl Nitrogen in aqueous matrices

Nonpurgeable Organic Carbon in aqueous matrices

Container ID: P-125ML

Qty: 2 Preservation: ICE-FLTR

Lot # 00066437 (1)

Description: Plastic Bottle 125 mL

00063891 (1)

Analysis

W-PO4-F

Description

Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Bottle Group: C

of Sites: 4

Container ID: P-250ML-WO-THI

Qty: 4 Preservation: ICE

Lot # L16080

Description:

Analysis

ECOLI-18QT

Description

Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems

Bottle Group: D

of Sites: 2

Container ID: QPCR-P-250ML

Qty: 4 Preservation: ICE

Lot # ~~010~~ ^{DRC}

Description:

00064040

Analysis

Description