



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2017

02
A-KIT

PAGE 1 OF

Data Qualified?

Yes / No

STORET Station Name: McKay Creek Date: 02/02/2017
STORET Station ID: G5SW0126 WBID: 1633B Latitude: 27° 54' 34" N
County: Pinellas RQ - 2017-01-30-39 ORG ID: 21FLTPA Longitude: -82° 48' 58.9" W
Receiving Body of Water: GOM Field ID: G5SW0126

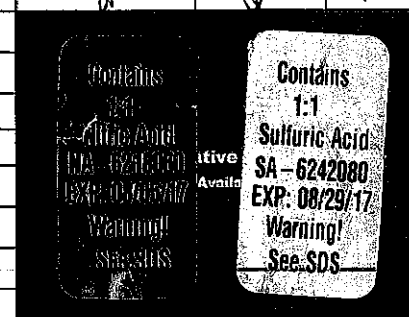
Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Judy Ashton			X		X	X
Stephen Clingerman		X		X		

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☐ Pole
☐ Carboy	☒ Syringe	
☐ Dipper	☐ Other	
Equipment ID		
Collection Method		
☐ Wading	☐ Via Boat	
☐ From Shore	☐ Canoe/Kayak	
☐ Other (note below)	☐ Electric Motor	
	☐ Gasoline Motor	

Water Level:		Matrix:								
Dry / Pooled / <u>Low</u> / Normal / High / Flooded		<u>fresh</u> / Marine / DI								
Meter ID#		Photos:		Tide Falling:						
<u>LIL JON</u>		<u>Yes</u> / No		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 (umhos/cm)	Temp. (C°)
EST	1200	0.3	0.7	7.7	82	7.1	0.29	0.7" S"	599	17.5
CEN										

Biological Samples Collected: None HA SCI RPS Algae ID LVS LVI Other
SBIO ID Numbers: SBIO-ID: 77325 RPS-ID: 8579 Macrophyte-ID: LIMS#: 1869595

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			☒ <2
Metals	☒ W-ICPMS ☒ W-ICP	☒ Ice ☒ HNO3			☒ <2
Filtered Nutrients	☒ W-PO4-F ☐ Field Filtered 0.45 um 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 Coll ☐ F Coll ☐ 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			
Flow	"J" Qualify Flow				



Notes: Very mucky - low flow
SULFUR SMELL - ANOXIC

Signature: [Signature] Date: 02/02/2017

Field Parameters Entered into LIMS: SM 02/09/2017 Field Parameters QC in LIMS: SC 02/13/2017
Date Migrated to STORET: [Signature] Field Sheets Scanned/Saved: [Signature]

DEP FORM FD 9000-25 Rapid Periphyton Survey Field Sheet

Site: McKay Lake County: Pinebluffs Date: 2/2/17 Investigators: Judy Asher, S. Cunningham

Transect (m)	Point 1=right 9=left	Algal Thickness Rank (N-6, X)	Estimated	Canopy Cover	Transect (m)	Point 1=right 9=left	Algal Thickness Rank (N-6, X)	Estimated	Canopy Cover	
0	1	N			60	1	N	E		
	2					2				
	3					3				
	4					4				
	5			0		5			0	
	6					6				
	7					7				
	8					8				
	9					9				
10	1	N			70	1	N			
	2					2				
	3					3				
	4					4				
	5			0		5			0	
	6					6				
	7					7				
	8					8				
	9					9				
20	1	N			80	1	N			
	2					2				
	3					3				
	4					4				
	5			0		5			0	
	6					6				
	7					7				
	8					8				
	9					9				
30	1	N			90	1	N			
	2					2				
	3					3				
	4					4				
	5			0		5			0	
	6					6				
	7					7				
	8					8				
	9					9				
40	1	N			100	1	N			
	2					2				
	3					3				
	4					4				
	5			0		5			0	
	6					6				
	7					7				
	8					8				
	9					9				
50	1	N	E			1	N			
	2		E			2				
	3		E			3				
	4					4				
	5			0		5			0	
	6					6				
	7		E			7				
	8		E			8				
	9		E			9				

STORET Station Number: 653WD126

Secchi depth 0.7
Estimated? N

points ranked 4-6 3
total points assessed 99
% points ranked 4-6 3

Check accompanying data collected at same site/date.
Algal mat sample ☐
Linear Veg Survey ☒
Habitat Assessment ☐
SCI/Biorecon ☐
Water sample ☒
RQ-2017-01-30-39

Algal Thickness Rank	
N	rough, no algae, slimy, algae up to 1mm
3	>1mm - 6mm
4	>6mm - 20mm
5	>20mm - 10 cm
6	>10 cm

Record "N" and check "Estimated" for points deeper than the Secchi depth; algae are presumed absent. Check "Estimated" if thickness estimated for deep points which can be seen but not reached.
Record "X" for points shallower than Secchi depth for which substrate cannot be seen or reached with the hand. No estimated rank.
Record canopy cover as the number of small densiometer quadrants (out of 96) that HAVE canopy cover. Measure facing upstream at point 4, 5, or 6.
Collect algal mat sample following DEP SOP FS 7240 if the percentage of total sampled points with a thickness rank of 4, 5, or 6 is >20%.

Instructions: Note taxa growing in the water with a checkmark if present, "D" if dominant, and "C" if codominant (dominance only if 1 m² of taxa present). Note in the boxes below if no dominant are selected, and note total macrophyte abundance rank for each section. Only the most common taxa are listed, so use blank spaces for additional taxa names.

[illegible]

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Customer: SW-DIST

Project ID: SMP

Requester: Judy Ashton

Collected By: S. Clingerman / J. Ashton

Field Report Prepared By:

S. Clingerman

Sampling Agency: FDGP-SWROC 21FLTPA

Location PASADENA LAKE		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 02/02/2017 Time 1030	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)
Field ID RQ-2017-01-30-39 Date: 02/02/2017 Time: _____ Latitude: STORET: _____	Field ID: G5SW0119 Barcode:	Matrix (type, e.g., Salt, <u>Fresh</u> , etc)	Diss. Oxygen 9.8	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
Temp (C) 17.8	pH 7.7	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 399		
Salinity (ppt) 0.19	Comments					
Location Pinellas Park Ditch #5		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 02/02/2017 Time 1100	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID RQ-2017-01-30-39 Date: 02/02/2017 Time: _____ Latitude: STORET: _____	Field ID: G5SW0118 Barcode:	Matrix (type, e.g., Salt, <u>Fresh</u> , etc)	Diss. Oxygen 3.7	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
Temp (C) 17.8	pH 7.0	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 1156		
Salinity (ppt) 0.58	Comments					
Location McKay Creek		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 02/02/2017 Time 1200	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID RQ-2017-01-30-39 Date: 02/02/2017 Time: _____ Latitude: STORET: _____	Field ID: G5SW0126 Barcode:	Matrix (type, e.g., Salt, <u>Fresh</u> , etc)	Diss. Oxygen 7.7	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	B
Temp (C) 17.5	pH 7.1	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 599		
Salinity (ppt) 0.29	Comments					
Location Klosterman Run		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 02/02/2017 Time _____	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID RQ-2017-01-30-39 Date: 02/02/2017 Time: _____ Latitude: STORET: _____	Field ID: G5SW0039 Barcode:	Matrix (type, e.g., Salt, <u>Fresh</u> , etc)	Diss. Oxygen	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
Temp (C)	pH	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm)		
Salinity (ppt)	Comments					

Relinquished By: 	Date/Time 02/02/2017 1800	Shipping Method FEDEX	Number of Coolers Shipped:	Received By:	Date/Time
----------------------	-------------------------------------	---------------------------------	----------------------------	--------------	-----------

Group: A Bottle Type: P-1L # of Bottles: 6 Preservative: ICE Enter Number of Bottles Sent to Lab 3

ALKALINITY
TURBIDITY
W-CL-IC
W-COLOR
W-F
W-SO4-IC
W-TDS
W-TSS

Group: A Bottle Type: BP-1L # of Bottles: 6 Preservative: ICE Enter Number of Bottles Sent to Lab 3

CHLSUITE-W

Group: A Bottle Type: P-500ML # of Bottles: 6 Preservative: ICE And H2SO4 Enter Number of Bottles Sent to Lab 3

W-NH3
W-NO2NO3
W-S-A-TP
W-TKN
W-TOC

Group: A Bottle Type: P-125ML # of Bottles: 6 Preservative: ICE-FLTR Enter Number of Bottles Sent to Lab 3

W-PO4-F

Group: B Bottle Type: P-500ML Preservative: ICE And HNO₃ 1

W-ICPMS
W-ICP

From Please print and press hard.

Date 02/02/2017

Sender's FedEx Account Number

Sender's Name FDEP

Phone (813) 470-5700

Company

Address 13051 N. TELECOM PKWY

Dept./Floor/Suite/Room

City TEMPLE TERRACE

State FL

ZIP 33637

Your Internal Billing Reference

First 24 characters will appear on invoice.

To

Recipient's Name SAMPLE RECEIVING

Phone (850) 245-8085

Company FLORIDA DEP/CHEMISTRY SECTION

Address 2600 BLAIRSTONE RD

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Dept./Floor/Suite/Room

Address

Use this line for the HOLD location address or for continuation of your shipping address.

City TALLAHASSEE

State FL

ZIP 32399-6542

0124452251

4 Express Package Service

* To most locations.

Packages up to 150 lbs.
For packages over 100 lbs., use the FedEx Express Freight US Airbill.

Next Business Day

☐ **FedEx First Overnight**
Earliest next business morning delivery to select locations. Friday shipments will be delivered on Monday unless Saturday Delivery is selected.

☒ **FedEx Priority Overnight**
Next business morning.* Friday shipments will be delivered on Monday unless Saturday Delivery is selected.

☐ **FedEx Standard Overnight**
Next business afternoon.* Saturday Delivery NOT available.

Next Business Day

☐ **FedEx 2Day A.M.**
Second business morning.* Saturday Delivery NOT available.

☐ **FedEx 2Day**
Second business afternoon.* Thursday shipments will be delivered on Monday unless Saturday Delivery is selected.

☐ **FedEx Express Saver**
Third business day.* Saturday Delivery NOT available.

5 Packaging

* Declared value limit \$500.

☐ FedEx Envelope*

☐ FedEx Pak*

☐ FedEx Box

☐ FedEx Tube

☒ Other

6 Special Handling and Delivery Signature Options

Fees may apply. See the FedEx Service Guide.

☐ **Saturday Delivery**
NOT available for FedEx Standard Overnight, FedEx 2Day A.M., or FedEx Express Saver.

☐ **No Signature Required**
Packages may be left without obtaining a signature for delivery.

☐ **Direct Signature**
Someone at recipient's address may sign for delivery.

☐ **Indirect Signature**
If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only.

Does this shipment contain dangerous goods?

One box must be checked.

☐ No ☐ Yes
See per attached Shipper's Declaration.

☐ Yes
Shipper's Declaration not required.

☐ Dry Ice
Dry Ice, 9, UN 1845 x kg

Restrictions apply for dangerous goods — see the current FedEx Service Guide.

☐ Cargo Aircraft Only

7 Payment Bill to:

Enter FedEx Acct. No. or Credit Card No. below.

☐ **Sender**
Acct. No. in Section 1 will be billed.

☒ **Recipient**

☐ **Third Party**

☐ **Credit Card**

☐ **Cash/Check**

FedEx Acct. No. 4490-2262-9

Exp. Date

Total Packages

Total Weight

Total Declared Value*

1

50

lbs.

\$

00

Your liability is limited to US\$100 unless you declare a higher value. See back for details. By using this airbill you agree to the service conditions on the back of this airbill and in the current FedEx Service Guide, including terms that limit our liability.

Rev. Date 7/15 • Part #181314 • ©1994-2015 FedEx • PRINTED IN U.S.A. SRM



Ship it. Track it. Pay for it. All online.
866.fedex.com

611

PULL AND RETAIN THIS COPY BEFORE AFFIXING TO THE PACKAGE. NO POUCH NEEDED.