



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

February 2016

PAGE 1 OF 2

Data Qualified?
Yes / No

STORET Station Name: Black Creek @ Beacon

Date: 11-7-16
(mm/dd/yyyy)

STORET Station ID: 65SW0102

Latitude: _____
(Decimal Degrees)

WBID: 1420 RQ: 2016-07-48 ORG ID: 21FLTPA

Longitude: _____
(Decimal Degrees)

Receiving Body of Water: _____ Field ID: 65SW0102

County: PASCO

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Duplicate Collection	Blank Collection
JAY BROWN		X	X					X
SPENCER CLINGERMAN			X	X	X	X		

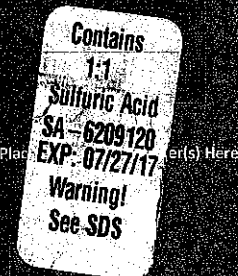
Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☐ Pole
☐ Carboy	☒ Syringe	
☐ Dipper	☐ Other	
Equipment ID		

Collection Method		
☐ Wading	☐ Via Boat	
☒ From Shore	☐ Canoe/Kayak	
☐ Other (note below)	☐ Electric Motor	
	☐ Gasoline Motor	

Water Level: Dry / <u>Low</u> / Normal / High / Flooded	Matrix: <u>Fresh</u> / Marine / DI
Meter ID# <u>LC 10N</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	10:15	0.3	1.4	3.8	43	6.9	0.44	1.0	901	21.6
CEN										

Biological Samples Collected:		None	HA	SCI	<u>LVS</u>	RPS	LVI	Other
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 µm Filter	☒ Ice						
Chlorophyll	☒ CHL-SUITE-W	☒ Ice						
BOD	☐ BOD-UNIN	☐ Ice						
Physical/Aggregate (Kit A/C)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS	☒ Ice						
Physical/Aggregate (Kit B/D)	☐ Alkalinity / W-F / W-TSS / TURBIDITY	☐ Ice						
Macroinvertebrates	☐ MI-FW-QLDC	☐ Formalin						
Microbiology	☐ E Coll ☐ F Coll ☐ Entero ☐ QPCR	☐ Ice						
Periphyton	☐ ALGAE-ID	☐ Ice						
Pesticides	☐ W-PSNP-TQ ☐ W-AHERB-AA ☐ W-PYR-AA-R ☐ W-PC-AA-SF ☐ W-UHERB-AA ☐ W-GLYPH	☐ Ice ☐ Other						
Flow: <u>.05 m/s</u>								



LIMS 1548110

Vista 77281

QA/QC Sample Information

Duplicate

Time Zone: EST CEN Sample Depth (m): 0.3 Field ID: G5SW0102
 Time: 10:25 Total Depth (m): 1.4

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 ☒ H ₂ SO ₄			☒ < 2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO ₃			☒ < 2
Filtered Nutrients	☒ W-PO4-F ☐ Field Filtered 0.45 µm Filter	☒ Ice			
Chlorophyll	☒ CHLSUITE-W	☒ Ice			
BOD	☐ BOD-UNIN	☐ Ice			
Physical/Aggregate (Kit A/C)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / W-COLOR / W-SO4-IC / W-TDS	☒ Ice			
Physical/Aggregate (Kit B/D)	RQ-2016-11-07-48 Date: 11/7/16 Time: Bear Creek @ Beacon DUPLICATE	☐ Ice			
Microbiology		☐ Ice			
Pesticides		☐ Ice ☐ Other			

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

Field ID: G5SW0102
 STORET
 G5SW0102

Blank

Time Zone: EST CEN Time: 10:30 Field ID: _____ Location: _____

☒ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank Equipment ID: _____

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 ☐ H ₂ SO ₄			☐ < 2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO ₃			☐ < 2
Filtered Nutrients	☐ W-PO4-F ☐ Field Filtered 0.45 µm Filter	☐ Ice			
Chlorophyll	☐ CHLSUITE-W	☐ Ice			
BOD	☐ BOD-UNIN	☐ Ice			
Physical/Aggregate (Kit A/C)	☐ Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / W-COLOR / W-SO4-IC / W-TDS	☐ Ice			
Physical/Aggregate (Kit B/D)	RQ-2016-11-07-48 Date: 11/7/16 Time: FIELD BLANK	☐ Ice			
Microbiology		☐ Ice			
Pesticides		☐ Ice ☐ Other			

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

Field ID: BLANK
 STORET
 BLANK

Notes:

RQ-2016-11-07-48
 Date: 11/7/16
 Time:
 Bear Creek @
 Beacon

Field ID: G5SW0102
 STORET
 G5SW0102

Signature: _____ Date: 11-7-16

Field Parameters Entered into LIMS:

SC 11/15/16
(Initials/Date)

Field Parameters QC in LIMS:

SC 01-05-17 SE 11/16/17
(Initials/Date)

Date Migrated to STORET:

(Initials/Date)

Field Sheets Scanned/Saved:

(Initials/Date)

DEP FORM FD 9000-32: LINEAR VEGETATION SURVEY FIELD SHEET

Waterbody: BEAR CREEK @ BEACON	Date: 11/7/16	County: PASCO	Storet Number: 615W0102
--------------------------------	---------------	---------------	-------------------------

Analyst: <u>JUST ASHTON</u>	Signature: <u>[Signature]</u>
-----------------------------	-------------------------------

Comments: BANKS SPRAYED W/ HERBICIDE

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.

HERBACEOUS SPECIES	Meter Mark										Specimen collected (check)	HERBACEOUS SPECIES	Meter Mark										Specimen collected (check)
	0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100			0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100	
Alternanthera philoxeroides												Micranthemum glomeratum											
Bacopa caroliniana												Micranthemum umbrosum											
Bacopa monnieri												Myriophyllum aquaticum											
Bidens mitis												Najas guadelupensis											
Boehmeria cylindrica												Nuphar luteum											
Centella asiatica												Orontium aquaticum											
Ceratophyllum demersum												Panicum hemitomon											
Chara												Panicum repens											
Cicuta maculata												Panicum rigidulum											
Cladium jamaicense												Pistia stratioides											
Colocasia esculenta												Polygonum glabra											
Commelina diffusa												Polygonum hydropiperoides											
Commelina virginica												Polygonum punctatum											
Crinum americanum												Pontedaria cordata											
Diodia virginiana												Potamogeton illinoensis											
Eichhornia crassipes												Ruellia simplex											
Eleocharis (wispy viviparous)												Sacciolepis striata											
Hydrilla verticillata												Sagittaria kurziana											
Hydrocotyle												Sagittaria lancifolia											
Hygrophila polysperma												Sagittaria latifolia											
Hymenocallis												Salvinia minima	X	X	X	X	X	X	X	X	X		
Lachnanthes caroliniana												Samolus parviflora											
Landoltia punctata												Saururus cernuus											
Lemna	X	X	X	X	X	X	X	X	X	X		Sparganium americanum											
Limnophila sessiflora												Typha											
Ludwigia leptocarpa												Vallisneria americana											
Ludwigia palustris												Zizania aquatica											
Ludwigia peruviana																							
Ludwigia repens												SCHINUS									X		
Luziola fluitans																							

Request Number: **RQ-2016-11-07-48**
 Anclote, Hiawatha, Green

Florida Department of Environmental Protection
 Central Laboratory Submittal Form

105
 Page 1 of 2

last revised Apr 7, 2016

Customer: **SW-DIST**

Project ID: **SMP**

Requester: **Judy Ashton**

Field Report Prepared By:

Collected By:

J. Ashton, STEPHEN CLARKSON

Sampling Agency:

Judy Ashton
F&S

Location	RQ-2016-11-07-48 Date: 11/7/16 Time: Bear Creek @ Beacon	G5SW0102 Field ID STORET G5SW0102	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 11-7-16 Time 10:15	☒ Eastern ☐ Central	Composite end Date Time	Bottle Group(s) (See pg 2)	
Field ID				Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 3.8 ☒ mg/L 43 ☒ % sat	Total Res. Chlorine (mg/L)	A	
STORET				Temp (C) 21.6	pH 6.9	Sample Depth 0.3 ☐ ft ☒ m		
Latitude				Salinity (ppt) 0.44	Comments			
			☐ dd ☐ dms					
Location	RQ-2016-11-07-48 Date: 11/7/16 Time: Bear Creek @ Beacon	G5SW0102 Field ID STORET G5SW0102	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 11-7-16 Time 10:25	☒ Eastern ☐ Central	Composite end Date Time	Bottle Group(s)	
Field ID				Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 3.8 ☒ mg/L 43 ☒ % sat	Total Res. Chlorine (mg/L)	A	
STORET				Temp (C) 21.6	pH 6.9	Sample Depth 0.3 ☐ ft ☒ m		
Latitude				Salinity (ppt) 0.44	Comments			
			☐ dd ☐ dms					
Location	RQ-2016-11-07-48 Date: 11/7/16 Time: FIELD BLANK	BLANK Field ID STORET BLANK	☐ Comp ☐ Grab	Collection (comp begin or grab) Date 11-7-16 Time 10:30	☒ Eastern ☐ Central	Composite end Date Time	Bottle Group(s)	
Field ID				Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A	
STORET				Temp (C)	pH	Sample Depth ☐ ft ☐ m		
Latitude				Salinity (ppt)	Comments			
			☐ dd ☐ dms					
Location	RQ-2016-11-07-48 Date: 11/7/16 Time: Moon Lake W	G5SW0100 Field ID STORET G5SW0100	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 11-7-16 Time 11:45	☒ Eastern ☐ Central	Composite end Date Time	Bottle Group(s)	
Field ID				Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 8.4 ☒ mg/L 100 ☒ % sat	Total Res. Chlorine (mg/L)	A	
STORET				Temp (C) 24.1	pH 6.8	Sample Depth 0.3 ☐ ft ☒ m		
Latitude				Salinity (ppt) 0.06	Comments			
			☐ dd ☐ dms					

Relinquished By: Judy Ashton	Date/Time 11-7-16 16:00	Shipping Method F&S	Number of Coolers Shipped: 1	Received By:	Date/Time
--	-----------------------------------	-----------------------------------	--	--------------	-----------

Group: A	Bottle Type:	P-1L	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab <u>5</u>
	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS					
Group: A	Bottle Type:	BP-1L	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab <u>5</u>
	CHLSUITE-W					
Group: A	Bottle Type:	P-500ML	# of Bottles: 5	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab <u>5</u>
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC					
Group: A	Bottle Type:	P-125ML	# of Bottles: 5	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab <u>5</u>
	W-PO4-F					

Request Number: RQ-2016-11-07-48

Andote, Hiawatha, Green

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Page 1 of 2

last revised Apr 7, 2016

Customer: SW-DIST

Requester: Judy Ashton

Field Report Prepared By: Judy Ashton

Project ID: SMP

Collected By: J. Ashton, S. Cunningham

Sampling Agency: FDEP

Location		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 11-7-16 Time 11:55		☒ Eastern ☐ Central		Composite end Date Time		Bottle Group(s) (See pg 2)	
Field ID RQ-2016-11-07-48 Date: 11/7/16 Time: Moon Lake E		G5SW0101 Field ID STORET 65SW0101		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 8.7 mg/L 104 % sat		Total Res. Chlorine (mg/L)		A	
STORET #		Temp (C) 24.2		pH 7.3		Sample Depth 0.3 ft		Sp. Conductance (umho/cm) 138			
Latitude		☐ dd ☐ dms		Salinity (ppt) 0.00		Comments					
Location		☐ Comp ☐ Grab		Collection (comp begin or grab) Date Time		☒ Eastern ☐ Central		Composite end Date Time		Bottle Group(s)	
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)			
STORET #		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)			
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Salinity (ppt)			
Location		☐ Comp ☐ Grab		Collection (comp begin or grab) Date Time		☐ Eastern ☐ Central		Composite end Date Time		Bottle Group(s)	
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)			
STORET #		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)			
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Salinity (ppt)			
Location		☐ Comp ☐ Grab		Collection (comp begin or grab) Date Time		☐ Eastern ☐ Central		Composite end Date Time		Bottle Group(s)	
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)			
STORET #		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)			
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Salinity (ppt)			
Location		☐ Comp ☐ Grab		Collection (comp begin or grab) Date Time		☐ Eastern ☐ Central		Composite end Date Time		Bottle Group(s)	
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)			
STORET #		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)			
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Salinity (ppt)			

Relinquished By: J. Ashton	Date/Time: 11-7-16	Shipping Method:	Number of Coolers Shipped:	Received By:	Date/Time:
----------------------------	--------------------	------------------	----------------------------	--------------	------------

From Please print and press hard.

Date 11/07/16

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

0124031825

4 Express Package Service

* To most locations.

Packages up to 150 lbs.
For packages over 150 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.

2nd 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
Package 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?

☐ No ☐ Yes ☐ Yes ☐ Dry Ice ☐ Cargo Aircraft Only

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

7 Payment Bill to:

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

☐ Sender
Acct. No. in Section
7 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. \$ 0.00

*Our 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 5/15 • Part #163134 • ©1994-2015 FedEx • PRINTED IN U.S.A. SPW



Leave the packing to the pros at FedEx Office
Go to fedex.com/office

611

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