



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

PAGE 1 OF 1

February 2016

Data Qualified?
Yes / No

STORET Station Name: Bear Creek @ Beacon

Date: 08/16/2016
(mm/dd/yyyy)

STORET Station ID: G5SW0102

Latitude: 28°20'23.20" N
(Decimal Degrees)

WBID: 1420 RQ: 2016-08-15-33 ORG ID: 21FLTPA

Longitude: 82°41'31.33" W
(Decimal Degrees)

Receiving Body of Water: Gulf of Mexico

Field ID: G5SW0102

County: Pasco

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Ashley Salmonson		X		X		
Stephen Clinger			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 / Low / <u>Normal</u> / High / Flooded	Matrix: <u>Fresh</u> / Marine / DI
Meter ID# <u>Li Son</u>	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	0930	0.3	1.0	4.0	50	7.2	0.4	1.0 "5"	898	27.5
CEN										

Biological Samples Collected: None HA SCI LVS 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	☒ CHLSUITE-W	☒ Ice			
BOD	☒ BOD-UNIN	☒ Ice			
Physical/Aggregate (Kit A)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / W-COLOR / W-SO4-IC / W-TDS	☒ Ice			
Physical/Aggregate (Kit B)	☐ Alkalinity / W-F / W-TSS / TURBIDITY	☐ Ice			
Macroinvertebrates	☐ ME-FW-QLDC	☐ Formalin			
Microbiology	☐ E Coli ☐ F Coli ☐ Enteroc ☐ 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			

Contains
1:1
Sulfuric Acid
SA-6168040
EXP: 06/16/17
Warning!
See SDS

Notes:

RQ-2016-08-15-33

Date: 08/16/16

Time: STORET:

Field ID: G5SW0102

G5SW0102

Signature: Ashley Salmonson

Date: 08/16/2016

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)

Waterbody: Bear Creek @ Beacon	Date: 08/16/2011	County: PASCO	Storet Number: 658WD102
Analyst: J. Salmeron, S. Clingerman		Signature:	

Comments:

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.

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

FedEx Package
Express US Airbill

FedEx Tracking Number **8103 9283 1128**

1 From Please print and press hard

Date **08-16-2016** Sender's FedEx Account Number

Sender's Name **FDEP** Phone **813 1470-5700**

Company

Address **13051 N. Telecom Pkwy** Dept./Floor/Suite/Room

City **Tempe** State **FL** ZIP **33637**

2 Your Internal Billing Reference

First 24 characters will appear on invoice.

To Recipient's **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 **TALLAHASSEE** State **FL** ZIP **32399**

Use this line for the HQD section address or for continuation of your shipping address.

0124031825

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

From ID No. **0215**

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. Next business morning delivery to select locations. (Next business morning delivery is not available on Monday after Saturday delivery is selected.)

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

☐ FedEx Standard Overnight
Next business morning. Saturday Delivery NOT available.

2 or 3 Business Days

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

☐ FedEx 2Day
Second business morning. Thursday shipments delivered on Friday 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 ☐ Direct Signature
No signature required. Direct Signature requires recipient's address may sign for delivery. Indirect Signature requires one is available at recipient's address. Signature required for delivery. Residential deliveries only.

Does this shipment contain dangerous goods?

☐ No ☐ Yes
One box must be checked. Yes ☐ No ☐ Yes
As per attached Shipper's Declaration. Dry Ice ☐ Yes ☐ No ☐ Yes
Shipper's Declaration. Dry Ice ☐ Yes ☐ No ☐ Yes
Cargo Aircraft Only

7 Payment Bill to:

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

Sender ☐ As per Invoicing ☒ Recipient ☐ Third Party ☐ Credit Card ☐ Cash/Check

Package No. **4490-2262-9**

Total Packages **1** Total Weight **50** Total Declared Value*

*Your liability is limited to USD\$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 and conditions of sale.

6111

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

RUN 6

Customer: SW-DIST
Project ID: SMP

Requester: Judy Ashton
Collected By: S. CLINGERMAN/A. SALMERON

Field Report Prepared By: S. CLINGERMAN
Sampling Agency: ZILTPA

Location		BEAR CREEK		Bottle Group(s)		A	
Field ID		Comp	Collection (comp begin or grab)	Time	0930	Composite end	
STORE	RQ-2016-08-15-33 Date: 08/16/16 Time: STORET: G5SW0102	☒ Grab	Date 08-16-2016	Time 0930		Diss. Oxygen 4.0 mg/L % sat (mg/L)	
Latitude		Temp (C)	27.5	pH	7.2	Sample Depth 0.3	Sp. Conductance (umho/cm)
		Salinity (ppt)	0.4	Comments			
Location		MOON LAKE		Bottle Group(s)		A	
Field ID		Comp	Collection (comp begin or grab)	Time	1045	Composite end	
STORE	RQ-2016-08-15-33 Date: 08/16/16 Time: STORET: G5SW0101	☒ Grab	Date 08-16-2016	Time 1045		Diss. Oxygen 5.5 mg/L % sat (mg/L)	
Latitude		Temp (C)	30.6	pH	7.2	Sample Depth 0.3	Sp. Conductance (umho/cm)
		Salinity (ppt)	0.07	Comments			
Location		MOON LAKE W		Bottle Group(s)		A	
Field ID		Comp	Collection (comp begin or grab)	Time	1055	Composite end	
STORE	RQ-2016-08-15-33 Date: 08/16/16 Time: STORET: G5SW0100	☒ Grab	Date 08-16-2016	Time 1055		Diss. Oxygen 7.6 mg/L % sat (mg/L)	
Latitude		Temp (C)	30.8	pH	7.3	Sample Depth 0.3	Sp. Conductance (umho/cm)
		Salinity (ppt)	0.07	Comments			
Location		PIERCE LAKE		Bottle Group(s)		A	
Field ID		Comp	Collection (comp begin or grab)	Time	1240	Composite end	
STORE	RQ-2016-08-15-33 Date: 08/16/16 Time: STORET: G5SW0104	☒ Grab	Date 08-16-2016	Time 1240		Diss. Oxygen 4.8 mg/L % sat (mg/L)	
Latitude		Temp (C)	30.8	pH	5.8	Sample Depth 0.3	Sp. Conductance (umho/cm)
		Salinity (ppt)	0.01	Comments			

Relinquished By:	Date/Time: 08-16-16 1800	Shipping Method: FedEx	Number of Coolers Shipped: 1	Received By:	Date/Time:
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