



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2017

DUP & BLANK

PAGE ____ OF ____

Data Qualified?
Yes / No

STORET Station Name: BEAR CREEK @ BEACON Date: 02/28/2017
(mm/dd/yyyy)
STORET Station ID: G5SW0102 ORL ID 21FLTPA Latitude: 28° 20' 23.20" N
(Decimal Degrees)
County: PASCO RQ - 2017-02-27-21 WBIO OKO ID 1420 Longitude: -82° 41' 31.33" W
(Decimal Degrees)
Receiving Body of Water: GOM Field ID: G5SW0102

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Duplicate Collection	Blank Collection
Judy Ashton		X	X				X	
Stephen Clinger			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 / Pooled / Low / <u>Normal</u> / High / Flooded	Matrix: <u>Fresh</u> / Marine / DI
Meter ID# <u>WL 20N</u>	Photos: <u>Yes</u> / No
	Tide Falling: Yes / No / <u>NA</u>

Field Sample

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	1045	0.3		5.0	58	7.0	0.37		758	21.4
			1.4					0.8		
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			☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 um Filter	☒ Ice			
Chlorophyll	☒ CHL-SUITE-W	☒ Ice			
Physical/Aggregate (Fresh)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS	☒ Ice			
Physical/Aggregate (Marine)	☐ Alkalinity / W-F / W-TSS / TURBIDITY	☒ Ice			
Macroinvertebrates	☐ MI-FW-QLOC	☐ Formalin			
Periphyton	☐ ALGAE-ID	☐ Ice			
Microbiology	☐ E Coli ☐ F Coli ☐ Enteroc ☐ 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 in cooler(s) Here

QA/QC Sample Information

Duplicate

Time Zone: EST CEN		Sample Depth (m): <u>0.3</u>		Field ID: <u>G5SW0102</u>	
Time: <u>1050</u>		Total Depth (m): <u>1.4</u>			
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			
Physical/Aggregate (Fresh)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W-TDS	☒ Ice			
Physical/Aggregate (Marine)	☐ Alkalinity / W-F / W-TSS / TURBIDITY	☒ Ice			
Microbiology	☐ E Coli ☐ F Coli ☐ Enteroc ☐ 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	☐ RQ-2017-02-27-21 ☐ Date: 02/28/17 Time: Bear Crk Duplicate			

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

G5SW0102
↓STORET Field ID ↑
G5SW0102

Blank

Time Zone: EST CEN		Time: <u>1058</u>		Field ID: <u>G5SW0102</u>		Location: <u>BEAR CREEK @ BEACON</u>	
☒ 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					
Physical/Aggregate (Fresh)	☐ Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W-TDS	☒ Ice					
Physical/Aggregate (Marine)	☐ Alkalinity / W-F / W-TSS / TURBIDITY	☒ Ice					
Microbiology	☐ E Coli ☐ F Coli ☐ Enteroc ☐ PCR-FILTER	☐ Ice					
Tracers	☐ W-SUC-AA-R ☐ W-UHERB-AA	☐ RQ-2017-02-27-21 ☐ Date: 02/28/17 Time: Field Blank					
Pesticides	☐ W-PSNP-TQ ☐ W-AHERB-AA ☐ W-PYR-AA-R ☐ W-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH						

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

BLANK
↓STORET Field ID ↑
BLANK

Notes:

RQ-2017-02-27-21
Date: 02/28/17
Time:
Bear Crk

G5SW0102
↓STORET Field ID ↑
G5SW0102

Signature:

[Signature]

Date:

02-28-2017

Field Parameters Entered into LIMS: SM 03/02/2017

Field Parameters QC in LIMS: UB 4-24-17

Date Migrated to STORET: 6/8/17 MB 121621

Field Sheets Scanned/Saved: SM 06/21/2017

Event: 03-01-01

Request Number: RQ-2017-02-27-21

SMP RUN 3

Florida Department of Environmental Protection Central Laboratory Submittal Form

Page 1 of 2

last revised Apr 7, 2016

Customer: SW-DIST

Project ID: SMP

Requester: Judy Ashton

Field Report Prepared By:

S. Clingerman

Collected By: J. Ashton / S. Clingerman

Sampling Agency:

ZFLTPA

Location BEAR CREEK @ BEACON		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 02/28/2017 Time 1045	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)
Field ID RQ-2017-02-27-21 Date: 02/28/17 Time: _____	Barcode G5SW0102 ↓STORET Field ID ↑	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 5.0	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
STO		Temp (C) 21.4	pH 7.0	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 758
Latitude Bear Crk	Barcode G5SW0102	☐ dd ☐ dms	Salinity (ppt) 0.37	Comments		
Location LAKE THOMAS		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 02/28/2017 Time 1330	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID RQ-2017-02-27-21 Date: 02/28/17 Time: _____	Barcode G5SW0111 ↓STORET Field ID ↑	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 8.6	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
STO		Temp (C) 23.0	pH 6.6	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 110
Latitude Lake Thomas	Barcode G5SW0111	☐ dd ☐ dms	Salinity (ppt) 0.05	Comments		
Location HANCOCK LAKE		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 02/28/2017 Time 1212	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID RQ-2017-02-27-21 Date: 02/28/17 Time: _____	Barcode G5SW0046 ↓STORET Field ID ↑	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 8.7	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
STO		Temp (C) 23.0	pH 7.2	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 113
Latitude Hancock Lake	Barcode G5SW0046	☐ dd ☐ dms	Salinity (ppt) 0.05	Comments		
Location BEAR CREEK (DUPLICATE)		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 02/28/2017 Time 1050	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID RQ-2017-02-27-21 Date: 02/28/17 Time: _____	Barcode G5SW0102 ↓STORET Field ID ↑	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
STO		Temp (C)	pH	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm)
Latitude Bear Crk Duplicate	Barcode G5SW0102	☐ dd ☐ dms	Salinity (ppt)	Comments		

Relinquished By:

Date/Time

Shipping Method

Number of Coolers Shipped:

Received By:

Date/Time

J. Ashton

02/28/2017 1800

Fed Ex

2

Group: A	Bottle Type:	P-1L	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab	5
	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	5
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 6	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	5
	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	5
	W-PO4-F						

Request Number: RQ-2017-02-27-21

SMP RUN 3

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 Page 1 of 2
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S. Clingerman

Collected By:

J. Ashton / S. Clingerman

Sampling Agency:

ZI FL TPA

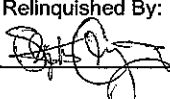
Location BLANK		☐ Comp ☐ Grab		Collection (comp begin or grab) Date 02/28/2017 Time 1058		☒ Eastern ☐ Central		Composite end Date _____ Time _____		Bottle Group(s) (See pg 2)	
Field ID RQ-2017-02-27-21 Date: 02/28/17 Time: _____ Field Blank		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen ☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		Sp. Conductance (umho/cm)		A	
STORET # Blank		Temp (C)		pH		Sample Depth ☐ ft ☐ m					
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) ☐ dd ☐ dms		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)		Sp. Conductance (umho/cm)			
STORET #		Temp (C)		pH		Sample Depth ☐ ft ☐ m					
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) ☐ dd ☐ dms		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)		Sp. Conductance (umho/cm)			
STORET #		Temp (C)		pH		Sample Depth ☐ ft ☐ m					
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) ☐ dd ☐ dms		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)		Sp. Conductance (umho/cm)			
STORET #		Temp (C)		pH		Sample Depth ☐ ft ☐ m					
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) ☐ dd ☐ dms		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)		Sp. Conductance (umho/cm)			
STORET #		Temp (C)		pH		Sample Depth ☐ ft ☐ m					
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) ☐ dd ☐ dms		Comments					

Relinquished By: 	Date/Time 02/29/2017 1800	Shipping Method FedEx	Number of Coolers Shipped: 2	Received By:	Date/Time
--	------------------------------	--------------------------	---------------------------------	--------------	-----------

Group: A	Bottle Type:	P-1L	# of Bottles: 6	Preservative: ICE	Enter Number of Bottles Sent to Lab	5
	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	5
	CHLSUITE-W					
Group: A	Bottle Type:	P-500ML	# of Bottles: 6	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	5
	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	5
	W-PO4-F					

From Please print and press hard.

Date **02/28/2017** 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 Phone **(850) 245-8085**

Company **FLORIDA DEP/CHEMISTRY SECTION**

Address **2600 BLAIRSTONE RD** Dept./Floor/Suite/Room
We cannot deliver to P.O. boxes or P.O. ZIP codes.

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

City **TALLAHASSEE** State **FL** ZIP **32399-6542**

0125636852



Form ID No. **0215**

4 Express Package Service * To meet 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.

2 or 3 Business Days

- ☐ 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?

- One box must be checked.
- ☐ No ☐ Yes As 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 **1** Total Weight **50** lbs. Total Declared Value* **\$0.00**

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.

611

From Please print and press hard.

Date **02/28/2017** 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.

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611

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