



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2017

DUP & BLANK

PAGE 1 OF 2

Data Qualified?
Yes / No

STORET Station Name: Bear Creek

Date: 04/20/2017
(mm/dd/yyyy)

STORET Station ID: G5SW0102

WBID: 1420

Latitude: 28° 20' 22.58"
(Decimal Degrees)

County: Pasco RQ - 2017-04-17-30

ORG ID: 21FLTPA

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

Receiving Body of Water:

Field ID: G5SW0102

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Duplicate Collection	Blank Collection	Sampling Equipment		
Catie Orr Sarah Meyer									☒ 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 / <u>Low</u> / Normal / High / Flooded	Matrix: <u>Fresh</u> / Marine / DI
Meter ID#	Photos: Yes / <u>No</u>
	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 (µmhos/cm)	Temp. (C°)
EST	1250	0.3	1.4	7.0	87	6.7	0.42	0.5	869	25.7
CEN										

Biological Samples Collected: <u>None</u> 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	<u>0302030</u>	<u>10/17</u>	☒ <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-CL-IC / W-COLOR / W-SO4-IC / W-TDS	☒ Ice			
Physical/Aggregate (Marine)	☐ Alkalinity / W-F / W-TSS / TURBIDITY	☒ Ice			
Macroinvertebrates	☐ ML-FW-QLDC	☐ Formalin			
Periphyton	☐ ALGAE-ID	☐ Ice			
Microbiology	☐ E Coli ☐ F Coli ☐ Enteroc ☐ PCR-FILTER				
Tracers	☐ W-SUC-AA-R ☐ W-UHERB-AA				
Pesticides	☐ W-PSNP-TQ ☐ W-AHERB-AA ☐ W-PYR-AA-R ☐ W-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH				

RQ-2017-04-17-30
Date: 04/20/17
Time:
Bear Crk @
Beacon

G5SW0102
↓ STORET Field ID ↑
G5SW0102

QA/QC Sample Information

Duplicate

Time Zone: EST CEN		Sample Depth (m): <u>0.3</u>		Field ID: <u>DUPLICATE</u>	
Time: <u>12:52</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	<u>6302030</u>	<u>10/17</u>	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO ₃			☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	Place Preservative Sticker(s) Here (If Available)		
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 ☐ 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				

RQ-2017-04-17-30

Date: 04/20/17

Time:

Bear Crk @
Beacon-Duplicate**DUPLICATE**

↓STORET Field ID ↑



65500102

Blank

Time Zone: EST CEN		Time: <u>12:58</u>		Field ID: <u>Blank</u>		Location: <u>Bear Creek</u>	
☒ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank		Equipment ID <u>N/A</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	Contains 1:1 Sulfuric Acid SA-6302030 EXP: 10/28/17 Warning! See SDS				
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 ☐ 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	☐ Other					

Notes:

Q2: LB 5-25-17

RQ-2017-04-17-30

Date: 04/20/17

Time:

BLANK

**BLANK**

↓STORET Field ID ↑



65500102

Signature:

Sarah Meyer

Date:

04/20/2017

Field Parameters Entered into LIMS:

LB 4/24/17
(Initials/Date)

Field Parameters QC in LIMS:

SM 05/23/2017
(Initials/Date)

Date Migrated to STORET:

6/12/2017 MB 121646
(Initials/Date)

Field Sheets Scanned/Saved:

SM 06/21/2017
(Initials/Date)Event: 04-21-03

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Customer: WQAP

Project ID: SMP

Requester: Judy Ashton

Collected By: C. Orr & S. Meyer

Field Report Prepared By: S. Meyer

Sampling Agency: FDEP SW ROC

RQ-2017-04-17-30 Date: 04/20/17 Time: Hancock Lake G5SW0046 STORET Field ID ↑		☐ Comp ☒ Grab	Collection (comp begin or grab) Date: 04/20/2017 Time: 10:20 Matrix (type, e.g., Salt, Fresh, etc) Temp (C) 24.6 pH 7.6 Salinity (ppt) 0.06	(Eastern) Central Composite end Date: Time: Diss. Oxygen 7.1 % sat Total Res. Chlorine (mg/L) Sample Depth 0.3 Sp. Conductance (umho/cm) 12.1	Bottle Group(s) (See pg 2) A
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Comments	
RQ-2017-04-17-30 Date: 04/20/17 Time: Lake Thomas G5SW0111 STORET Field ID ↑		☐ Comp ☒ Grab	Collection (comp begin or grab) Date: 04/20/2017 Time: 11:43 Matrix (type, e.g., Salt, Fresh, etc) Temp (C) 25.7 pH 6.9 Salinity (ppt) 0.05	(Eastern) Central Composite end Date: Time: Diss. Oxygen 8.6 % sat Total Res. Chlorine (mg/L) Sample Depth 0.3 Sp. Conductance (umho/cm) 118	Bottle Group(s) A
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Comments	
RQ-2017-04-17-30 Date: 04/20/17 Time: Bear Crk @ Beacon G5SW0102 STORET Field ID ↑		☐ Comp ☒ Grab	Collection (comp begin or grab) Date: 04/20/2017 Time: 12:50 Matrix (type, e.g., Salt, Fresh, etc) Temp (C) 25.7 pH 6.7 Salinity (ppt) 0.42	(Eastern) Central Composite end Date: Time: Diss. Oxygen 7.0 % sat Total Res. Chlorine (mg/L) Sample Depth 0.3 Sp. Conductance (umho/cm) 869	Bottle Group(s) A
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Comments	
RQ-2017-04-17-30 Date: 04/20/17 Time: Bear Crk @ Beacon-Duplicate G5SW0102 STORET Field ID ↑		☐ Comp ☒ Grab	Collection (comp begin or grab) Date: 04/20/2017 Time: 12:52 Matrix (type, e.g., Salt, Fresh, etc) Temp (C) pH Salinity (ppt) DUPLICATE	(Eastern) Central Composite end Date: Time: Diss. Oxygen % sat Total Res. Chlorine (mg/L) Sample Depth Sp. Conductance (umho/cm)	Bottle Group(s) A
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Comments	

Relinquished By: Sarah Meyer	Date/Time: 04/20/2017 16:30	Shipping Method: FedEx	Number of Coolers Shipped: 2	Received By:	Date/Time:
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Group: A Bottle Type: P-1L # of Bottles: 3 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: 3 Preservative: ICE Enter Number of Bottles Sent to Lab 5

CHLSUITE-W

Group: A Bottle Type: P-500ML # of Bottles: 3 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: 3 Preservative: ICE-FLTR Enter Number of Bottles Sent to Lab 5

W-PO4-F

Florida Department of Environmental Protection

Central Laboratory Submittal Form

RUN 3

last revised Apr 7, 2016

Customer: WQAP

Requester: Judy Ashton

Field Report Prepared By: S Meyer

Project ID: SMP

Collected By: C Orr & S Meyer

Sampling Agency: FDEP SW ROC

Location	RQ-2017-04-17-30 Date: 04/20/17 Time: BLANK		☐ Comp ☒ Grab		Collection (comp begin or grab)	☒ Eastern ☐ Central	Composite end	Bottle Group(s)
Field ID	BLANK		Date 04/20/2017		Time 1258	Date		Time
STORET	BLANK		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
			Temp (C)		pH	Sample Depth	☐ ft ☐ m	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments			

Location			☐ Comp ☐ Grab		Collection (comp begin or grab)	☐ Eastern ☐ Central	Composite end	Bottle Group(s)
Field ID			Date		Time	Date		Time
STORET #			Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
			Temp (C)		pH	Sample Depth	☐ ft ☐ m	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments			

Location			☐ Comp ☐ Grab		Collection (comp begin or grab)	☐ Eastern ☐ Central	Composite end	Bottle Group(s)
Field ID			Date		Time	Date		Time
STORET #			Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
			Temp (C)		pH	Sample Depth	☐ ft ☐ m	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments			

Location			☐ Comp ☐ Grab		Collection (comp begin or grab)	☐ Eastern ☐ Central	Composite end	Bottle Group(s)
Field ID			Date		Time	Date		Time
STORET #			Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
			Temp (C)		pH	Sample Depth	☐ ft ☐ m	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments			

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Sarah Meyer	04/20/2017 1630	Fed Ex	2		

Group: A	Bottle Type:	P-1L	# of Bottles: 3	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: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	5
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 3	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: 3	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab	5
	W-PO4-F						

From Please print and press hard.

Date 4-20-17

Sender's FedEx Account Number

Sender's Name

Phone (813) 470-5700

Company F DEP

Address 13051 N Telecom Pkwy

101 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

0120775907



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4 Express Package Service

*To most locations.

NOTE: Service order has changed. Please select carefully.

Packages up to 150 lbs. For packages over 150 lbs., use the new 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

☐ 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. Fee applies.

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

Does this shipment contain dangerous goods?

☒ No ☐ Yes
One box must be checked. As per attached Shipper's Declaration. Shipper's Declaration not required. Dry Ice, 9 UN 1845 x kg
Dangerous goods (including dry ice) cannot be shipped in FedEx packaging or placed in a FedEx Express Drop Box. ☐ 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

*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.

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From Please print and press hard.

Date 4-20-17

Sender's FedEx Account Number

Sender's Name

Phone (813) 470-5700

Company F DEP

Address 13051 N Telecom Pkwy

101 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

0120775907

4 Express Package Service

*To most locations.

NOTE: Service order has changed. Please select carefully.

Packages up to 150 lbs. For packages over 150 lbs., use the new 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.

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Next business afternoon.* Saturday Delivery NOT available.

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Second business morning.* Saturday Delivery NOT available.

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

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One box must be checked. As per attached Shipper's Declaration. Shipper's Declaration not required. Dry Ice, 9 UN 1845 x kg
Dangerous goods (including dry ice) cannot be shipped in FedEx packaging or placed in a FedEx Express Drop Box. ☐ Cargo Aircraft Only

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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

*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.

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