



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
SMP CONTINUOUS MONITORING SHEET

August 2017

PAGE ____ OF ____

Data Qualified?
Yes / No

STORET Station Name: Hillsborough River@I-275 Bridge WBID: 1443 E

STORET Station ID: 72SW0034 ORG ID: 21FLTPA

Field ID: 72SW0034 County: Hillsborough RQ - 2017-04-24 2017-12-04-24

Meter ID#: <u>6920-7</u>			
Pre-Deployment Setup			
Date: <u>12/6/17</u>		Performed by: <u>H. Sprinkle</u>	
Parameters Recorded: ☒ Date ☒ Time ☒ Temp.(C) ☒ Sp. Cond. ☒ DOSAT ☒ DO (mg/L) ☒ pH ☒ Depth			
Sampling Interval (min): <u>15 mins</u>	Free Memory (days): <u>204 days</u>	Expected Battery Life: <u>12.4 volts</u> <u>69.9 days</u>	Programmed Duration: <u>N/A</u>
Sonde Filename: <u>121117HRBridge - data</u>			Reset Clock? (Y or N) <u>yes</u>
Programmed Start Date/Time: <u>12/6/17 - 8:32</u> (mm/dd/yyyy) <u>11:45 am</u> (hh:mm:ss) (Cent. / <u>East</u>)			Wipers Park Correctly? <u>yes</u>
Programmed End Date/Time: (mm/dd/yyyy) (hh:mm:ss) (Cent. / <u>East</u>)			Calibration Date <u>12/6/17</u>

Deployment			
Date: <u>12/6/17</u>		Time Into Water: <u>1140</u>	
Time Zone: Cent. / <u>East</u>			
Deployed Sonde Latitude: <u>N 28.02027</u>	Deployed By: <u>M. Bearden</u> <u>H. Sprinkle</u>		
Deployed Sonde Longitude: <u>W 082.45529</u>	(print all staff present)		
Notes: (how to get to, landmarks, site considerations & concerns, etc.) <u>- noticing some drift (time) on YSI 6920-7</u> <u>- started logging @ 8:30 am - didn't put into water until</u> <u>- Hills. River very low (unusually low due to full moon - super moon)</u>			
Photos: Yes / <u>No</u>			

Retrieval			
Date: <u>12/11/17</u>		Time Out Of Water: <u>1206</u> <u>1205</u>	
Time Zone: Cent. / <u>East</u>			
Mounting left or removed? <u>Removed</u>	Retrieved By: <u>H. Sprinkles</u>		
Notes: (significant fouling, signs of human disturbance, site considerations and concerns, etc.)			

Post-Deployment	
Date: <u>12/11/17</u>	Performed by: <u>H. Sprinkle</u>
Data File Downloaded? <u>Yes</u> / No	Archived Filename: <u>121117HRBridge - data</u>
Meter Verification Date: <u>12/11/17</u>	



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2017

PAGE 1 OF 1

Data Qualified?

Yes / No

STORET Station Name: Hillsborough River @ I-275 Bridge Date: 12/11/17

STORET Station ID: G2SW0034 WBID: 1443E Latitude: N 28.02027

County: Hillsborough County 2017-12-04-24 ORG ID: 21FLTPA Longitude: W 082.45529

Receiving Body of Water: Tampa Bay Field ID: G2SW0034

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
M. Bearden						X		X	X
H. Sprinkle					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 / Normal / High / Flooded Matrix: ☒ Fresh ☒ Marine / DI

Meter ID# L150N Photos: Yes / No Tide Falling: Yes / No / NA

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	1205	0.3	1.8	2.3	50	7.4	3.3	1.1	5751	19.5
CEN	1206	1.3		1.5	19	7.4	11.9		19997	23.6

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	7163030	06/12/18	☒ <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-CI-C / W-COLOR / W-SO4-IC / W-TDS	☒ Ice			
Physical/Aggregate (Marine)	☐ Alkalinity / W-F / W-TSS / TURBIDITY	☐ Ice			
Macroinvertebrates	☐ MI-FW-QIDC	☐ 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	☐ Ice			
	☐ W-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH	☐ Other			

Flow "J" Qualify Flow

Notes:

RQ-2017-12-04-24 Date: 12/11/2017 Time: 1205 Field ID: G2SW0034

Hills Rvr @ I-275 Cont. D.O. STORET: G2SW0034

Signature: H. Sprinkle Date: 12/11/17

Field Parameters Entered into LIMS: SM 1/22/2019 Field Parameters QC in LIMS: SM 1/28/2019

Date Migrated to STORET: 9/14/2019 SM 1/28/2019 Field Sheets Scanned/Saved: SM 02/04/2019

Verified 02/04/2019 SM

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Customer: SW-DIST

Project ID: SMP

Requester: Matthew Bearden

Collected By: H. Sprinkle / M. Bearden

Field Report Prepared By: H. Sprinkle

Sampling Agency: FDEP

Location RQ-2017-12-04-24 Date: 12/11/2017 Time: 1205 Field ID: G2SW0034 STORET: G2SW0034 Hills Rvr @ I-275 Cont. D.O. Latitude: ☐ dd ☐ dms Longitude: ☐ dd ☐ dms		☐ Comp ☒ Grab Collection (comp begin or grab) Date: 12/11/17 Time: Eastern Central ☒ Composite end Date: Time: Matrix (type, e.g., Salt, Fresh, etc) (S) Fresh salt Diss. Oxygen 50 ☐ mg/L ☒ % sat Total Res. Chlorine (mg/L) Temp (C) 19.5 pH 7.4 Sample Depth 0.3 ☐ ft ☒ m Sp. Conductance (umho/cm) 5751 Salinity (ppt) 3.3 Comments: Bottle Group(s) (See pg 2) A	
Location		☐ Comp ☐ Grab Collection (comp begin or grab) Date: Time: Eastern Central ☐ Composite end Date: Time: Matrix (type, e.g., Salt, Fresh, etc) Diss. Oxygen ☐ mg/L ☐ % sat Total Res. Chlorine (mg/L) Temp (C) pH Sample Depth ☐ ft ☐ m Sp. Conductance (umho/cm) Salinity (ppt) Comments: Bottle Group(s)	
Field ID			
STORET #			
Latitude		Longitude	
Location		☐ Comp ☐ Grab Collection (comp begin or grab) Date: Time: Eastern Central ☐ Composite end Date: Time: Matrix (type, e.g., Salt, Fresh, etc) Diss. Oxygen ☐ mg/L ☐ % sat Total Res. Chlorine (mg/L) Temp (C) pH Sample Depth ☐ ft ☐ m Sp. Conductance (umho/cm) Salinity (ppt) Comments: Bottle Group(s)	
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Latitude		Longitude	
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Field ID			
STORET #			
Latitude		Longitude	

Relinquished By: H. Sprinkle	Date/Time: 12/11/17 1400	Shipping Method: Fedex	Number of Coolers Shipped: 1	Received By:	Date/Time:
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Group: A	Bottle Type:	P-1L	# of Bottles: 21	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 21	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 21	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	1
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 21	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	1
	W-PO4-F						
Group: B	Bottle Type:	P-120ML-WC-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	★ 1
	SWD-AEL-EC						

★ Samples dropped off @ AEL



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I=Ice H=(HCl) S=(H₂SO₄) N=(HNO₃) T=(Sodium Thiosulfate)

Shipment	Method	Sample Kil	Cooler #
Out:	Via:	RB	D/T
		AB	D/T
Ret:	Via:	Trip Bl.	"

Received on 1c ☐ Yes ☐ No bc ☐ sent ☐ received

revised 1/12



I-275

Package
US AirbillFedEx
Tracking
Number

8119 3903 9894

From Please print and press hard.

Date 12/11/17

Sender's FedEx
Account NumberSender's
Name

Phone (813) 470-5700

Company F DEP

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

0127681333

Form
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. 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
All per attached
Shipper's Declaration.☐ 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

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

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I will be billed.☒ Recipient☐ Third Party☐ Credit Card☐ Cash/CheckFedEx Acct. No.
Credit Card No. 4490-2262-9Bo.
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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PULL AND RETAIN THIS COPY BEFORE AFFIXING TO THE PACKAGE. NO POUCH NEEDED.

Cooler Packing Worksheet for Request: RQ-2017-12-04-24

SMP - DO Monitoring Retrieval

Ship Cooler On: 11/20/2017

Customer/Project: SW-DIST/SMP

Assigned To: SHAIK_A

Requester: Matthew Bearden

Priority: 3

813-470-5951
FL Dept. of Environmental Protection
13051 N. Telecom Parkway
Temple Terrace, FL 33637-0926
Attn: Matthew Bearden

Comments:

No preservatives needed.

Requested Analyses:

Bottle Group: A

of Sites: 2

Container ID: P-1L

Qty: 2 Preservation: ICE

Lot # 00069122

Description: Plastic Bottle 1L

Analysis

ALKALINITY

TURBIDITY

W-CL-IC

W-COLOR

W-F

W-SO4-IC

W-TDS

W-TSS

Description

Alkalinity in aqueous matrices as mg CaCO₃/L

Turbidity in aqueous matrices

Chloride in aqueous matrices

True Color measured at 450 nm

Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)

Sulfate in aqueous matrices

Total Dissolved Solids in aqueous matrices

Total Suspended Solids in aqueous matrices

Container ID: BP-1L

Qty: 2 Preservation: ICE

Lot # 1208913

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Container ID: P-500ML

Qty: 2 Preservation: ICE And H₂SO₄

Lot # 00069255

Description: Plastic Bottle 500 mL

Affix YELLOW sulfuric acid dot to container.

Analysis

Description

W-NH3	Ammonia in aqueous matrices as mg N/L
W-NO2NO3	Nitrite/Nitrate in aqueous matrices as mg N/L
W-S-A-TP	Total Phosphorus in aqueous matrices as mg P/L
W-TKN	Total Kjeldahl Nitrogen in aqueous matrices
W-TOC	Nonpurgeable Organic Carbon in aqueous matrices

Container ID: P-125ML

Qty: 2 Preservation: FILTER-ICE

Lot # 50068595

Description: Plastic Bottle 125 mL

Analysis

SWD-PO4-F

Description

Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Bottle Group: B

of Sites: 1

Container ID: P-120ML-WC-THI

Qty: 1 Preservation: ICE

Lot # 6482-1

Description:

Analysis

SWD-AEL-EC

Description

Escherichia coli by membrane filter method using modified mTEC by Advanced Environmental Tampa Lab for SWD

Cooler Packed By: ABJ

Number of Coolers: 1

Date: 11-17

Kit must also include:

- ☒ Field Sheets
- ☒ Temperature Control Bottle
- ☒ FedEx Bills, if applicable
- ☒ Plastic Bags
- ☒ Zip Ties

If Preservation Included:

ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____

PLEASE RETURN ALL COOLERS FOR RQ-2017-12-04-24