



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

IN Station Name: Bellows Lake Outlet

Date: 2-13-18
(mm/dd/yyyy)

WIN/ Field ID: G1SW0060

WBID: 1579

Latitude: 27.98758

(Decimal Degrees)

County: Hillsborough

ORG ID: 21FLTPA

Longitude: -82.37302

(Decimal Degrees)

Receiving Body of Water:

RQ-2018-02-05-57

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
Judy Ashton										☒ Sample Container	☐ Van Dorn	☐ Pole		
Ben Paswater										☐ Carboy	☐ Syringe			
										☐ Dipper	☐ Other			
Depth Measured with Secchi										Equipment ID Secchi #1				
Collection Method														
☐ Wading										☐ Canoe/Kayak				
☒ From Shore										☐ Electric Motor				
☐ Other										☐ Gasoline Motor				

Water Level: Dry/ Pooled/ Low / Normal / High / Flooded										Meter ID#		Matrix: Fresh Marine / DI	
Photos: Yes No		Flow: No Flow / Interstitial / Flowing NA		Tide: Rising/ Falling/ Slack/ NA		Tide Times: High Low							
Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPT)	Sp COND (umhos/cm)	Temp. (C°)			
EST	910	0.6	0.3	0.4	6.19	72	7.1		157	23.3			

Biological Samples Collected: None HA SCI RPS Algae ID LVS LVI Other:

SBIO ID Numbers:	SBIO-ID:	HA-ID:	RPS-ID:	Macrophyte-ID:	LIMS#:		
Parameter Suite	Parameter Methods			Preservation	Lot#	Expiration	pH Check
Preserved Nutrients	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP			☒ Ice ☒ H2SO4	SA7275010	10/2/2018	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP			☐ Ice ☐ HNO3			☒ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 um Filter			☒ Ice	9841668		
Chlorophyll	☒ CHL-SUITE-W			☒ Ice			
Physical/Aggregate (Fresh)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CH-IC / W-COLOR / W-SO4-IC / W-TDS			☒ Ice			
Physical/Aggregate (Marine)	☐ Alkalinity / W-F / W-TSS / TURBIDITY			☐ Ice			
Macroinvertebrates	☐ MI-FW-QLDC			☐ Formalin			
Periphyton	☐ ALGAE-ID			☐ Ice			
Microbiology	☒ Coli ☐ F Coli ☐ Enterococci			☒ Ice			
Molecular	☐ PCR-FILTER ☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-GFD			☐ Ice			
Tracers	☐ W-SUC-AA-R ☐ W-UHERB-AA ☐ W-AHERB-AA			☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-UHERB-AA ☐ W-AHERB-AA ☐ W-CARB-AA			☐ Ice			
	☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R			☐ Other			

Notes:

WBID needs 5 A Kits 5 EColi and 1 SCI

green water

WIN/Field ID:



G1SW0060

Bellows Lake Outlet

Signature:

B. Paswater

Date:

2/13/18

Enter Field Parameters, Verify Station ID In LIMS DMT: SM 03/02/2018

QC Station ID, Field Parameters In LIMS DMT: SM 03/21/2018 SM 03/21/2018

Scan/Save Field Sheets SM 06/19/2018

Migrate Data to WIN: SM 06/19/2018 5503 Verify Data In WIN:

(Initials/Date)

QA/QC Sample Information Duplicate

Time Zone: EST CEN		Time: 9:15		Field ID: G25W0012SM G1SWC060 (WIN ID + DUP)	
Parameter Suite	Parameter Methods	Preservation	Lot#	Expiration	pH Check
Preserved Nutrients	☒ W-NH3 / ☒ W-NO2NO3 / ☒ W-TKN / ☒ W-TOC / ☒ W-S-A-TP	☒ Ice ☒ H ₂ SO ₄	SA72510	10/2/18	☒ < 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 ☐ Enterococci	☐ Ice			
Molecular	☐ PCR-FILTER ☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-GFD	☐ Ice			
Tracers	☐ W-SUC-AA-R ☐ W-UHERB-AA ☐ W-AHERB-AA	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-AHERB-AA ☐ W-PYR-AA-R ☐ W-CARB-AA ☐ W-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Ice ☐ Other			

Blank

Time Zone: EST CEN		Time: 1310		Field ID: Blank - 13022018 (Blank_DDMMYY)	
DI Source: CAN BOY		Location: FIELD			
☒ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank		Equipment ID: _____			
Parameter Suite	Parameter Methods	Preservation	Lot#	Expiration	pH Check
Preserved Nutrients	☒ W-NH3 / ☒ W-NO2NO3 / ☒ W-TKN / ☒ W-TOC / ☒ W-S-A-TP	☒ Ice ☒ H ₂ SO ₄	SA72510	10/2/18	☒ < 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 ☐ Enterococci	☐ Ice			
Molecular	☐ PCR-FILTER ☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-GFD	☐ Ice			
Tracers	☐ W-SUC-AA-R ☐ W-UHERB-AA ☐ W-AHERB-AA	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-AHERB-AA ☐ W-PYR-AA-R ☐ W-CARB-AA ☐ W-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Other			

Notes: _____

WIN/Field ID: **G1SW0060 DUP**

Bellows - Duplicate Sample

Signature: *[Signature]* Date: **2/13/18**

Enter Field Parameters, Verify Station ID In LIMS DMT: **SM 03/02/2018** QC Station ID, Field Parameters In LIMS DMT: **SM 03/21/2018**
(Initials/Date) (Initials/Date)

Scan/Save Field Sheets **SM 06/19/2018** Migrate Data to WIN: **SM 06/19/2018 5503** Verify Data In WIN: _____

Request Number: RQ-2018-02-05-57

Florida Department of Environmental Protection Central Laboratory Submittal Form

Spartman, Flint, Bellows, Baker

 3 of 3
 Page 1 of 2
 last revised Jan 3, 2018

Customer: SW-DIST

Requester: Benjamin Paswater

Field Report Prepared By:

Project ID: SMP

Collected By:

Sampling Agency:

Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>2-13-18</u> Time <u>910</u>	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)
WIN/Field ID:  G1SW0060		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen <u>6.19</u> ☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A/B
Bellows Lake Outlet		Temp (C) <u>23.3</u>	pH <u>7.1</u>	Sample Depth <u>0.3</u> ☐ ft ☒ m	Sp. Conductance (umho/cm) <u>157</u>	
☐ dms		Salinity (ppt) ☐ dd ☐ dms	Comments			
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>2-13-18</u> Time <u>1035</u>	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s)
WIN/Field ID:  G2SW0012		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen <u>6.9</u> ☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	B/C
Baker Creek @ Thonotosassa Rd		Temp (C) <u>22.8</u>	pH <u>6.7</u>	Sample Depth ☐ ft ☒ m	Sp. Conductance (umho/cm) <u>240</u>	
☐ dms		Salinity (ppt) ☐ dd ☐ dms	Comments			
Location		☐ Comp ☐ Grab	Collection (comp begin or grab) Date <u>2-13-18</u> Time <u>915</u>	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s)
WIN/Field ID:  G1SW0060 DUP		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
Bellows - Dupilcate Sample		Temp (C)	pH	Sample Depth ☐ ft ☐ m	Sp. Conductance (umho/cm)	
☐ dms		Salinity (ppt) ☐ dd ☐ dms	Comments			
Location		☐ Comp ☐ Grab	Collection (comp begin or grab) Date <u>2-13-18</u> Time <u>1310</u>	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID/WIN:  BLANK		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
Site Name: BLANK		Temp (C)	pH	Sample Depth ☐ ft ☐ m	Sp. Conductance (umho/cm)	
☐ dms		Salinity (ppt) ☐ dd ☐ dms	Comments			

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
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Group: A	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	3
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 2	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	3
	W-PO4-F						
Group: B	Bottle Type:	P-120ML-WC-THI	# of Bottles: 7	Preservative:	ICE	Enter Number of Bottles Sent to Lab	6
	SWD-AEL-EC		<i>DISSOLVED WITH P ALL</i>				
Group: C	Bottle Type:	QPCR-P-250ML	# of Bottles: 12	Preservative:	ICE	Enter Number of Bottles Sent to Lab	12
	PCR-FILTER						
Group: C	Bottle Type:	BG-1L	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab	6
	W-AHERB-AA						
	W-SUC-AA-R						
	W-UHERB-AA						



	<u>Altamonte Springs:</u>	380 Northlake Blvd., Suite 104B • Altamonte Springs, FL 32701 • 407.937.1594 • Fax 407.937.1597
	<u>Gainesville:</u>	4965 SW 41st Blvd. • Gainesville, FL 32608 • 352.377.2349 • Fax 352.395.6639
	<u>Jacksonville:</u>	6681 Southpoint Pkwy. • Jacksonville, FL 32216 • 904.363.9350 • Fax 904.363.9354
	<u>Miramar:</u>	10200 USA Today Way • Miramar, FL 33025 • 954.889.2288 • Fax 954.889.2281
	<u>Tallahassee:</u>	2639 North Monroe Street, Suite D • Tallahassee, FL 32303 • 850.219.6274 • Fax 850.219.6275
	<u>Tampa:</u>	9610 Princess Palm Ave. • Tampa, FL 33619 • 813.630.9616 • Fax 813.630.4327

Client Name: FDEP-SW DIST		Project Name: SMP		BOTTLE SIZE & TYPE														LABORATORY I.D. NUMBER	
Address: 13051 N. Telecom Pkwy		P.O. Number or Project Number: AF315E		ANALYSIS REQUIRED															
Phone: 813-470-5770		FDEP Facility No:																	
FAX:		Project Address:																	
Contact: Judy Ashton 813-470-5772		Special Instructions:																	
Sampled By:		Turn Around Time: ☒ STANDARD ☐ RUSH		RQ2018-02-05-57															
Page: 1 of 1		☐ ADaPT ☐ EQUiS ☐ Other																	
SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING		MATRIX	NO. COUNT	PRESERVATION												
			DATE	TIME															
G13W0060	BELLOWS LAKE OUTLET	✓	2-13-18	910	SW	1	✓												
G25W0004	FLINT CREEK @ SR301, TP39	✓	2-13-18	950	SW	1	✓												
G25W0066	FLINT CREEK @ KNIGHTS GRIPPER	✓	2-13-18	1012	SW	1	✓												
G25W0012	BAKER CREEK @ THONDOSASSA	✓	2-13-18	1035	SW	1	✓												
G25W0013	SPARTMAN BRANCH @ US 92	✓	2-13-18	1115	SW	1	✓												
G25W0067	SPARTMAN BRANCH @ HARVEY TEN	✓	2-13-18	1100	SW	1	✓												
Matrix Code: WW = wastewater SW = surface water GW = ground water DW = drinking water O = oil A = air SO = soil SL = sludge Preservation Code: I = ice H=(HCl) S = (H2SO4) N = (HNO3) T = (Sodium Thiosulfate)																			
Received on Ice ☐ Yes ☐ No ☐ Temp taken from sample ☐ Temp from blank ☐ Where required, pH checked Temperature when received (in degrees celcius)																			
DCN: AD-051 Form last revised 04/30/2015 Device used for measuring Temp by unique identifier (circle IR temp gun used) J: 9A G: LT-1 LT-2 T: 0A A: 3A M: 3A S: 1V																			
Relinquished by Date Time Received by Date Time																			
1	Judy Ashton	2-13-18	1250			2/13/18	1230	FOR DRINKING WATER USE:						PWS ID:					
2														Contact Person: Phone:					
3														Supplier of Water:					
4														Site-Address:					

From Please print and press hard.

Date **2-13-18**

Sender's FedEx Account Number

Sender's Name

Phone **(813) 470-5700**

Company **FDEP**

Address **13051 N Telecom Pkwy**

Dept./Floor/Suite/Room **101**

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



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

From Please print and press hard.

Date **2-13-18**

Sender's FedEx Account Number

Sender's Name

Phone **(813) 470-5700**

Company **FDEP**

Address **13051 N Telecom Pkwy**

Dept./Floor/Suite/Room **101**

City **Temple Terrace**

State **FL**

ZIP **33637**

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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



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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?

One box must be checked.

☒ No ☐ Yes As per attached Shipper's Declaration. ☐ Yes Shipper's Declaration not required.

☐ Dry Ice Dry Ice, S, UN 1845 _____ x _____ kg

☐ 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. **4470-2262-9**

Bo. Date

Total Packages **1** Total Weight **50** lbs. Total Declared Value* **\$ -**

*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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☒ FedEx Priority Overnight
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2nd Business Day

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Second business morning.* Saturday Delivery NOT available.

☐ FedEx 2Day
Second business afternoon.* Thursday shipments will be delivered on Monday unless Saturday Delivery is selected.

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Third business day.* Saturday Delivery NOT available.

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FedEx Acct. No. **4470-2262-9**

Bo. Date

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