



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Bellows Lake Outlet

Date: 4-11-18

(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-2018-04-09-07

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 / <u>Low</u> / Normal / High / Flooded				Meter ID# 42502				Matrix: <u>Fresh</u> / Marine / DI				
Photos: Yes / <u>No</u> / Flow: No Flow / Interstitial / <u>Flowing</u> / NA				Tide: Rising / Falling / Slack / <u>NA</u>				Tide Times: High / Low				
Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPTH)	Sp COND (umhos/cm)	Temp. (C°)		
EST	1140	0.3	0.15	0.3	4.4	5.0	6.9	/	296	21.1		
Biological Samples Collected: <u>None</u> 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		SA7341022	12/07/18	☒ <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-Cl-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

Field ID/WIN

G1SW0060

Site Name: Bellows Lake Outlet

Signature:

Date:

4-11-18

Enter Field Parameters, Verify Station ID In LIMS DMT: SM 05/08/2018

QC Station ID, Field Parameters In LIMS DMT: SM 06/18/2018

Scan/Save Field Sheets SM 06/18/2018

Migrate Data to WIN: SM 06/18/2018

5471 Verify Data In WIN:

(Initials/Date)

(Initials/Date)

(Initials/Date)

(Initials/Date)

QA/QC Sample Information

Duplicate

Time Zone: <u>EST</u>		CEN		Time: <u>1145</u>		Field ID: <u>G1SW0060</u>	
(WIN ID + DUP)							
Parameter Suite		Parameter Methods		Preservation		Lot#	
Preserved Nutrients		☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP		☐ Ice ☒ H2SO4		5A341020	
Metals		☒ W-ICPMS ☒ W-ICP <u>NO METALS</u>		☐ Ice ☐ HNO3			
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-CH-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					
Tracers		☐ W-SUC-AA-R ☐ W-UHERB-AA ☐ W-AHERB-AA					
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					

Field ID:  G1SW0060_DUP

Location: Bellows Lake Outlet_DUP

WIN ID:  G1SW0060

Blank

Time Zone: EST CEN		Time: 1220	Field ID: 4-11-18 SMP04112018-FB		
DI Source: CAR BOY		Location: FIELD BLANK (Blank_DDDMMYYYY)			
☒ 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	SA541020	12/7/18	☒ <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-CHC / 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:		Field ID/WIN BLANK  Site Name: Field Blank			
Signature: <i>Ben P...</i>		Date: 4/11/18			

Enter Field Parameters, Verify Station ID In LIMS DMT: SM 05/08/2018

QC Station ID, Field Parameters In LIMS DMT: SM 06/18/2018

Scan/Save Field Sheets SM 06/18/2018

Migrate Data to WIN: SM 06/18/2018 5471 Verify Data In WIN:



Advanced
Environmental Laboratories, Inc.

☐ **Gainesville:** 4965 SW 41st Blvd. • Gainesville, FL 32608 • 352.377.2349 • Fax 352.395.6639
☐ **Jacksonville:** 6681 Southpoint Pkwy. • Jacksonville, FL 32216 • 904.363.9350 • Fax 904.363.9354
☐ **Tallahassee:** 2639 North Monroe Street, Suite D • Tallahassee, FL 32303 • 850.219.6274 • Fax 850.219.6275
☒ **Tampa:** 9610 Princess Palm Ave. • Tampa, FL 33619 • 813.630.9816 • Fax 813.630.4327

Client Name: FDEP SW Dist		Project Name: SMP		BOTTLE SIZE & TYPE	Analysis Required	E. coli					LABORATORY I.D. #
Address: 13051 N. Telecom Pkwy. Temple Terrace FL 33637		P.O. Number: AF315E									
Phone: 813-470-5770		Project Address:									
Contact: Judy Ashton 813-470-5772		Special Instructions: RQ-2018-04-09-07									
Sampled By:											
Turn Around Time: ☒ STANDARD ☐ RUSH											
Page: 1 of 2		☐ ADaPT ☐ EQulS ☐ Other									
SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING DATE	TIME	MATRIX	NO. COUNT	TYPE	SER.	VATI	ON	
Field ID/WIN											
	G1SW0060		4-11-18	1140	SW	1					001
Site Name:	Bellows Lake Outlet										
Field ID/WIN	G2SW0066		4-11-18	1045	"	1					002
Site Name:	Flint Creek @ Knights Griffin Rd										
Field ID/WIN	G2SW0004		4-11-18	1105	"	1					003
Site Name:	Flint Creek @ SR301, TP39										
Field ID/WIN	G2SW0013		4-11-18	1025	"	1					004
Site Name:	Spartman Branch @ US 92										
Field ID/WIN	G2SW0012		4-11-18	0945	"	1					005
Site Name:	Baker Creek @ Thonotosassa Rd										
Matrix Code: WW = wastewater SW = surface water GW = groundwater N = 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 35 (in degrees celsius) 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: 10A A: 3A M: 3A S: 1V Relinquished by: J. Ashton Date: 4-11-18 Time: 1230 Received by: [Signature] Date: 4/11/18 Time: 1228 PWS ID: _____											

FOR DRINKING WATER USE:



Tampa: 9610 Princess Palm Ave. • Tampa, FL 33619 • 813.630.9616 • Fax 813.630.4327

[illegible]

Request Number: RQ-2018-04-09-07

Spartman, Flint, Bellows, Baker

Customer: SW-DIST

Project ID: SMP

Florida Department of Environmental Protection Central Laboratory Submittal Form

Requester: Benjamin Paswater

Collected By: Judy Ashton, Ben PaswaterField Report Prepared By: J. AshtonSampling Agency: FDEP

last revised Jan 25, 2018

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Location	Field ID/WIN	G2SW0012	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	5.8	Total Res. Chlorine	B/C
Field	WIN		Temp (C)	pH	6.1	Sp. Conductance (umho/cm)	290
Latitude	Site Name:	Baker Creek @ Thonotosassa Rd	Salinity (ppt)	Comments	E. COLI DROPPED OFF 2 A/L		
Location	Field ID/WIN	G1SW0060_DUP	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	5.8	Total Res. Chlorine	A/B
Field	WIN		Temp (C)	pH	6.1	Sp. Conductance (umho/cm)	290
Latitude	Site Name:	Bellows Lake Outlet_DUP	Salinity (ppt)	Comments	E. COLI DROPPED OFF 2 A/L		
Location	Field ID/WIN	BLANK	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	BLANK	Total Res. Chlorine	A/B
Field	WIN/ST		Temp (C)	pH	D. I.	Sp. Conductance (umho/cm)	
Latitude	Site Name:	Field Blank	Salinity (ppt)	Comments	E. COLI DROPPED OFF 2 A/L		
Location	Field ID/WIN	G2SW0067	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	6.8	Total Res. Chlorine	B/C
Field	WIN		Temp (C)	pH	6.2	Sp. Conductance (umho/cm)	203
Latitude	Site Name:	Spartman Branch at Harvey Tew Rd	Salinity (ppt)	Comments	E. COLI DROPPED OFF 2 A/L		

Relinquished By: Judy Ashton

Date/Time

4-11-18 1200

Shipping Method

FED EX

Number of Coolers Shipped:

2

Received By:

Date/Time

Request Number: RQ-2018-04-09-07

Spartman, Flint, Bellows, Baker

Customer: SW-DIST

Project ID: SMP

Florida Department of Environmental Protection Central Laboratory Submittal Form

Requester: Benjamin Paswater

Collected By: JUDY ASHTON, BEN PASWATER

Field Report Prepared By: J. ASHTON, B. PASWATER

Sampling Agency: FDEP

last revised Jan 25, 2018

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Page 1 of 2

Location	Field ID/WIN	G1SW0060	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 4-11-18 Time 1140	Eastern Central	Composite end Date	Time	Bottle Group(s) (See pg 2)
				Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
	Site Name:	Bellows Lake Outlet		Temp (C) 21.1	pH 6.9	Sample Depth 0.15	☐ ft ☒ m	Sp. Conductance (umho/cm) 296
			☐ dd ☐ dms	Salinity (ppt)	Comments E. COLI DROPPED OUT OF ALL			
Location	Field ID/WIN	G2SW0066	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 4-11-18 Time 1045	Eastern Central	Composite end Date	Time	Bottle Group(s)
				Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
	Site Name:	Flint Creek @ Knights Griffin Rd		Temp (C) 20.4	pH 6.7	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 454
			☐ dd ☐ dms	Salinity (ppt)	Comments E. COLI DROPPED OUT OF ALL			
Location	Field ID/WIN	G2SW0004	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 4-11-18 Time 1105	Eastern Central	Composite end Date	Time	Bottle Group(s)
				Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
	Site Name:	Flint Creek @ SR301, TP39		Temp (C) 21.0	pH 7.1	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 450
			☐ dd ☐ dms	Salinity (ppt)	Comments E. COLI DROPPED OUT OF ALL			
Location	Field ID/WIN	G2SW0013	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 4-11-18 Time 1005	Eastern Central	Composite end Date	Time	Bottle Group(s)
				Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
	Site Name:	Spartman Branch @ US 92		Temp (C) 20.4	pH 6.0	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 192
			☐ dd ☐ dms	Salinity (ppt)	Comments E. COLI DROPPED OUT OF ALL			

Relinquished By:

J. ASHTON

Date/Time

4-11-18 1700

Shipping Method

FED EX

Number of Coolers Shipped:

Received By:

Date/Time

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	8
	SWD-AEL-EC						
Group: C	Bottle Type:	QPCR-P-250ML	# of Bottles: 12	Preservative:	ICE	Enter Number of Bottles Sent to Lab	10
	PCR-FILTER						
Group: C	Bottle Type:	BG-500ML	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab	5
	W-E8321-DI						
	W-E8321-MS						