

RQ-2018-02-05-57

Date/Time of Receipt: 2-14-18/10:25

***If the temperature of a cooler is above 6.0 °C (or above 10.0 °C for W-1-4-DIOX), or if Evidence Seal is damaged, identify the containers in the affected cooler(s) on back of this form.**

****Chain of Custody/ Field Sheet(s) Included?** Yes No

****Evidence Tape on Bottles?** Yes _____ No ✓ _____ **If yes, is it intact?** Yes _____ No _____

****Caps on tight?** Yes ✓ _____ No _____ ****Containers intact?** Yes ✓ _____ No _____

****Sufficient Sample Volume:** Yes _____ No _____

Check the Box marked "Yes" or "No" for the Presence of Chlorine. If Cl detected, an NCR is required.					
Analysis	Yes	No	Analysis	Yes	No
W-1,4 DIOX			W-PC-AA-SF		
W-AHERB-AA (-AHB-AA-R)			W-PCL-SQ (-R)		
W-BNA (-625, -R)			W-PDQUAT		
W-CARB-AA (-CAB-AA-R)			W-PESTNP-R		
W-ENDO-AA			W-PSCL-TQ		
W-GLYPH			W-PSNP-TQ		
W-NP-AA-SF			W-PST-CL-R		
W-PAH (-R)			W-TR-TQ		
W-PCB-R			W-CT-Cl-R		

**Acid Preserved Samples: pH $\leq$ 2.0? Yes ☒ No ☐ NA ☐ Init: AK

**W-1-4-DIOX (Green dot on container) preserved to pH $<$ 4.0? Yes ☐ No ☐ NA ☒ Init: AK

Event ID: Spartman, Flint, Bellows, Baker
SW-DIST-2018-02-14-01 (SMP)
Date Received: 14-FEB-2018 10:25

NCR # _____

Log-in Checklist

Samples with Incorrect pH Preservation or presence of Chlorine

Field ID	Bottle Test ID(s)	pH / Cl	Action Taken

Samples in Coolers with Incorrect Preservation or Damaged Evidence Tape

Cooler ID	Field ID	Bottle Test ID(s)

Bottles Not Intact

Field ID	Bottle Test ID(s)	Loose Cap	Damaged Cap		Damaged Container		Evidence Tape Not Intact
			CK	BR	CK	BR	

Samples with Insufficient Volume for Analyses

Field ID	Bottle Test ID(s)	Action Taken

ENCORE SAMPLES

S-VOC-MS samples in Encores must be frozen within 48 hours of collection.

Were Encore samples received? Yes____ No____

Date and time placed in freezer _____

Were all samples placed in freezer within 48 hours of collection? Yes____ No____

If no, were samples shipped on dry ice? Yes____ No____

FOR CLEAN LAB USE ONLY – Total Mercury Preservation Check (W-HG-AF; W-HG-AF-F):

Samples preserved within 48 hours? Yes____ No____

Date and time samples preserved: _____

Additional Comments:

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

Spartman, Flint, Bellows, Baker

Florida Department of Environmental Protection

Central Laboratory Submittal Form

last revised Jan 3, 2018

Customer: SW-DIST

Project ID: SMP

Requester: Benjamin Paswater

Field Report Prepared By: Judy AshtonCollected By: J. Ashton, B. PaswaterSampling Agency: FDEP

Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>2-13-18</u> Time <u>950</u>	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)
WIN/Field ID: G2SW0004	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen <u>5.9</u> ☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	B/C	
Temp (C) <u>22.0</u>	pH <u>6.8</u>	Sample Depth <u>0.3</u> ☐ ft ☒ m	Sp. Conductance (umho/cm) <u>223</u>		
Flint Creek @ US 301	Salinity (ppt) ☐ dd ☐ dms				
Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>2-13-18</u> Time <u>1012</u>	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s)
WIN/Field ID: G2SW0066	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen <u>7.0</u> ☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	B/C	
Temp (C) <u>21.9</u>	pH <u>7.1</u>	Sample Depth <u>0.3</u> ☐ ft ☒ m	Sp. Conductance (umho/cm) <u>210</u>		
Flint Creek @ Knights Griffin Rd	Salinity (ppt) ☐ dd ☐ dms				
Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>2-13-18</u> Time <u>1100</u>	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s)
WIN/Field ID: G2SW0067	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen <u>7.2</u> ☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	B/C	
Temp (C) <u>22.2</u>	pH <u>8.3</u>	Sample Depth <u>0.3</u> ☐ ft ☒ m	Sp. Conductance (umho/cm) <u>182</u>		
Spartman Branch at Harvey Tew Rd	Salinity (ppt) ☐ dd ☐ dms				
Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>2-13-18</u> Time <u>1115</u>	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s)
WIN/Field ID: G2SW0013	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen <u>5.6</u> ☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	B/C	
Temp (C) <u>22.3</u>	pH <u>6.4</u>	Sample Depth <u>0.3</u> ☐ ft ☒ m	Sp. Conductance (umho/cm) <u>185</u>		
Spartman Branch @ US 92	Salinity (ppt) ☐ dd ☐ dms				

Relinquished By: J. Ashton

Date/Time

2-13-18 1700

Shipping Method

Fed Ex

Number of Coolers Shipped:

2Received By: ABP

Date/Time

2-14-18 10:25

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						
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						

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

Spartman, Flint, Bellows, Baker

Florida Department of Environmental Protection Central Laboratory Submittal Form

last revised Jan 3, 2018

3 of 3
Page 1 of 2

Customer: SW-DIST

Requester: Benjamin Paswater

Field Report Prepared By:

Project ID: SMP

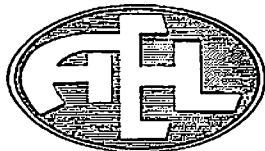
Collected By:

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	☒ 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>	
☐ dd ☐ dms	Salinity (ppt)	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	☒ 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 <u>0.3</u> ft ☒ m	Sp. Conductance (umho/cm) <u>240</u>	
☐ dd ☐ dms	Salinity (ppt)	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 - Duplicate Sample	Temp (C)	pH	Sample Depth ☐ ft ☐ m	Sp. Conductance (umho/cm)	
☐ dd ☐ dms	Salinity (ppt)	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)	
☐ dd ☐ dms	Salinity (ppt)	Comments			

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time <u>2-14-18/10:25</u>
------------------	-----------	-----------------	----------------------------	--------------	--------------------------------

Group: A	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	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 _____
	CHLSUITE-W					
Group: A	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab _____
	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 _____
	W-PO4-F					
Group: B	Bottle Type:	P-120ML-WC-THI	# of Bottles: 7	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	SWD-AEL-EC					
Group: C	Bottle Type:	QPCR-P-250ML	# of Bottles: 12	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	PCR-FILTER					
Group: C	Bottle Type:	BG-1L	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	W-AHERB-AA					
	W-SUC-AA-R					
	W-UHERB-AA					



Advanced
Environmental Laboratories, Inc.

☐ **Altamonte Springs:** 380 Northlake Blvd., Suite 1048 • Altamonte Springs, FL 32701 • 407.937.1594 • Fax 407.937.1597
☐ **Gainesville:** 4985 SW 41st Blvd. • Gainesville, FL 32608 • 352.377.2349 • Fax 352.395.6639
☐ **Jacksonville:** 6881 Southpoint Pkwy. • Jacksonville, FL 32216 • 904.363.9350 • Fax 904.363.9354
☐ **Miramar:** 10200 USA Today Way • Miramar, FL 33025 • 954.889.2288 • Fax 954.889.2281
☒ **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 • 813.630.9616 • 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																		
		FDEP Facility No:																		
Phone: 813-470-5770		Project Address:																		
FAX:		Special Instructions:																		
Contact: Judy Ashton 813-470-5772		RQ2018-02-05-57		ANALYSIS REQUIRED		E. COLI														
Sampled By:																				
Turn Around Time: ☒ STANDARD ☐ RUSH																				
Page: 1 of 1		☐ ADAPT ☐ EQUIS ☐ Other		PRESERVATION		ICE														
SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING															MATRIX	NO. COUNT	
			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
G25W00167	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 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: _____ Date: _____ Time: _____ Received by: _____ Date: _____ Time: _____																				
FOR DRINKING WATER USE																				
PWS ID: _____																				
Contact Person: _____ Phone: _____																				
Supplier of Water: _____																				
Site Address: _____																				

Date of Request: 18-JAN-2018
 Created By: PASWATER_B On: 18-JAN-2018
 Modified By: SWANSON_C On: 22-JAN-2018
 Customer: SW-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Southwest District
 Sampling Event: Spartman, Flint, Bellows, Baker

Send Coolers To:

Phone: 813-632-7600
 FL Dept. of Environmental Protection
 13051 N. Telecom Parkway
 Temple Terrace, FL 33637-0926
 Attn: Ben Paswater

Program Module Number:

Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 19-JAN-2018
 Biology Request Reviewed By: SWANSON_C On: 22-JAN-2018
 Sampling Kit Required: YES Ship on: 22-JAN-2018
 Sampling Kit Shipped: YES On: 25-JAN-2018
 Sampling Kit Packed By: REAVES_S
 Preservatives Needed: NO
 Date to Receive Samples: 05-FEB-2018
 Received By: SHAIK_A On: 14-FEB-2018

Send Final Report To:

FL Dept. of Environmental Protection
 13051 N. Telecom Parkway
 Temple Terrace, FL 33637-0926
 Attn: Ben Paswater

Report Type: Final Only
 FTP Data: NO
 QC Report: YES
 Date Log: NO
 Authorization Log: NO

Comments: Spartman, Flint, Bellows, Baker

Bottle Group A (Water) With 2 Samples:

Bottle Type: P-1L	Number of Bottles: 2	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO ₃ /L
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
W-CL-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Chloride in aqueous matrices
W-COLOR	Template: DEFAULT	(SM 2120 B) True Color measured at 450 nm
Color (true)		
W-F	Template: DEFAULT	(SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-SO ₄ -IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices
W-TDS	Template: DEFAULT	(SM 2540 C-97) Total Dissolved Solids in aqueous matrices
W-TSS	Template: DEFAULT	(SM 2540 D-97) Total Suspended Solids in aqueous matrices
Bottle Type: BP-1L	Number of Bottles: 2	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type: P-500ML	Number of Bottles: 2	Preserved With: ICE And H ₂ SO ₄
W-NH ₃	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
W-NO ₂ NO ₃	Template: DEFAULT	(EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L
W-S-A-TP	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L
W-TKN	Template: DEFAULT	(EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices
W-TOC	Template: DEFAULT	(SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices
Bottle Type: P-125ML	Number of Bottles: 2	Preserved With: FILTER-ICE
W-PO ₄ -F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Bottle Group B (Water) With 7 Samples:

Bottle Type:	Number of Bottles: 7	Preserved With: ICE
SWD-AEL-EC	Template: DEFAULT	(EPA 1603) Escherichia coli by membrane filter method using modified mTEC by Advanced Environmental Tampa Lab for SWD

Bottle Group C (Water) With 6 Samples:

Bottle Type: QPCR-P-250ML	Number of Bottles: 12	Preserved With: ICE
PCR-FILTER	Template: DEFAULT	(SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis

Bottle Group C (Water) With 6 Samples:

Bottle Type: BG-1L	Number of Bottles: 6	Preserved With: ICE
W-AHERB-AA	Template: DEFAULT	(USGS O-2060-01) Chlorinated (phenoxy acid) herbicides in water matrices by HPLC/MS/MS
W-SUC-AA-R	Template: DEFAULT	(EPA 8321B) Analysis of sucralose in water matrices by HPLC/MS/MS
W-UHERB-AA	Template: DEFAULT	(USGS O-2060-01) Urea herbicides and other chemicals in water matrices by HPLC/MS/MS

* - The laboratory is not NELAP certified for this analyte/method, or certification is not applicable.