

RQ- 2018-10-08-08

Log-in Checklist

Login Station ID: #2Shipping Method: FedEx | UPS | HD | GreyhoundDate/Time of Receipt: 10-19-18/10:25

Cooler Temperature*	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Tracking # (fill out only if waybill copy is damaged)
	HNO ₃	Formalin		Present?		*Intact?		
				Yes	No	Yes	No	
<u>2.4</u>			<u>16</u>		☒			

* HNO₃ and Formalin preserved samples do **NOT** have a temperature requirement. For all others, 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.

****Note:** If "No" is checked in any of the fields below, fill out the back of this form with additional details (Field ID, Test IDs, etc.) and generate an NCR.

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

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included? Yes ☒ No ☐ Date

CONTAINER CHECK

**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 ☐

CHLORINE CHECK REQUIRED? (Blue dot on container) Yes ☒ No ☐ Init: SR

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-E8321-DI, -MS, -21		☒	W-NP-AA-SF			
W-BNA (-625, -R)			W-PDQUAT			
W-CARB-AA (-CAB-AA-R)			W-PCL-SQ-R			
W-U2060-MS			W-TR-TQ			
W-PCB-R			W-CT-CI-R			
W-PAH (-R)			W-PSNP-TQ			

PRESERVATION CHECK (EXCLUDING SAMPLES SENT TO OVERFLOW LABS, "OV-")

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

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

Coolers Unpacked/Checked by: SR Date: 10-19-18

NCRs (Y/N)? N

Event ID: SW-DIST-2018-10-19-01

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

Additional Comments:

Infrared Thermometer ID:	REC_02_2018
pH Paper 0.0 – 3.0 Lot #	230515 EXP:10-30-18
pH Paper 0 – 13 Lot #	222516 EXP:08-15-19
Chlorine Test Strips Lot #	7226 EXP: 07/2020

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 _____ If No _____

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: _____

Spartman, Bellows, Flint, Baker

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: SW-DIST

Requester: Benjamin Paswater

Field Report Prepared By:

Project ID: SMP

Collected By: J. Ashton, B. Paswater, S. Meyer

Sampling Agency:

Location	Field ID/WIN G2SW0004	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 10-18-18 Time 940	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Field		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 2.43 30.6	☒ mg/L ☒ % sat	Total Res. Chlorine (mg/L)
WIN	Site Name: Flint Creek @ SR301, TP39	Temp (C) 27.0	pH 6.27	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 181.1
Lat	☐ dms	☐ dd ☐ dms	Salinity (ppt) 0.08	Comments E. COLI DROPPED OFF @ AEL		
Location	Field ID/WIN G2SW0066	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 10-18-18 Time 1030	Eastern Central	Composite end Date Time	Bottle Group(s)
Field		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 2.10 26.9	☒ mg/L ☒ % sat	Total Res. Chlorine (mg/L)
WIN	Site Name: Flint Creek @ Knights Griffin Rd	Temp (C) 27.1	pH 6.53	Sample Depth 0.2	☐ ft ☒ m	Sp. Conductance (umho/cm) 180.1
Lat	☐ dms	☐ dd ☐ dms	Salinity (ppt) 0.08	Comments E. COLI DROPPED OFF @ AEL		
Location	Field ID/WIN G2SW0013	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 10-18-2018 Time 11 11	Eastern Central	Composite end Date Time	Bottle Group(s)
Field		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 3.92	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
WIN	Site Name: Spartman Branch @ US 92	Temp (C) 25.0	pH 6.35	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 159.2
Lat	☐ dms	☐ dd ☐ dms	Salinity (ppt) 0.07	Comments E Coli dropped off @ AEL		
Location	Field ID/WIN G2SW0067	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 10-18-2018 Time 11 35	Eastern Central	Composite end Date Time	Bottle Group(s)
Field		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 5.45	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
WIN	Site Name: Spartman Branch at Harvey Tew Rd	Temp (C) 25.3	pH 6.54	Sample Depth 0.2	☐ ft ☒ m	Sp. Conductance (umho/cm) 162.7
Lat	☐ dms	☐ dd ☐ dms	Salinity (ppt) 0.08	Comments E Coli dropped off @ AEL		

Relinquished By: <i>Sarah Meyer</i>	Date/Time 1700 10/18/2018	Shipping Method FedEx	Number of Coolers Shipped: 1	Received By: SR	Date/Time 10/19-18/10:25
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Group: A	Bottle Type: P-1L	# of Bottles: 2	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: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
CHLSUITE-W					
Group: A	Bottle Type: P-120ML-WC-THI	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
SWD-AEL-EC					
Group: A	Bottle Type: P-500ML	# of Bottles: 2	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: 2	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	1
W-PO4-F					
Group: B	Bottle Type: QPCR-P-500ML	# of Bottles: 6	Preservative: ICE	Enter Number of Bottles Sent to Lab	6
PCR-FILTER					
Group: B	Bottle Type: P-120ML-WC-THI	# of Bottles: 6	Preservative: ICE	Enter Number of Bottles Sent to Lab	6
SWD-AEL-EC					
Group: B	Bottle Type: BG-500ML	# of Bottles: 6	Preservative: ICE	Enter Number of Bottles Sent to Lab	6
W-E8321-DI W-E8321-MS					

Spartman, Bellows, Flint, Baker

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: SW-DIST

Requester: Benjamin Paswater

Field Report Prepared By: Judy Ashton

Project ID: SMP

Collected By: J Ashton, B Paswater, S Meyer

Sampling Agency: FDEP

Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 10-18-2018 Time 10:42		Eastern ☒ Central	Composite end Date _____ Time _____		Bottle Group(s) (See pg 2) B
Field ID/WIN	G2SW0012	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 4.18	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____		
WIN		Temp (C) 26.5	pH 6.73	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 243.3		
Latitude		Salinity (ppt) 0.11		Comments E Coli dropped off @ AEL				
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 10/18/2018 Time 12:05		Eastern ☒ Central	Composite end Date _____ Time _____		A/B
Field ID	G1SW0060	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 1.90	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____		
WIN/STORET #		Temp (C) 27.7	pH 6.95	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 221.3		
Latitude		Salinity (ppt) 0.10		Comments E Coli dropped off @ AEL				
Location		☐ Comp ☐ Grab	Collection (comp begin or grab) Date _____ Time _____		Eastern ☐ Central	Composite end Date _____ Time _____		
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____		
WIN/STORET #		Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)		
Latitude		Longitude	Salinity (ppt)	Comments				
Location		☐ Comp ☐ Grab	Collection (comp begin or grab) Date _____ Time _____		Eastern ☐ Central	Composite end Date _____ Time _____		
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____		
WIN/STORET #		Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)		
Latitude		Longitude	Salinity (ppt)	Comments				

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Sarah Meyer	10/18/2018 1700	FedEx	1	SR	10/19/18/10:25

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-120ML-WC-THI	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	SWD-AEL-EC					
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					
				H2SO4		
				LOT# SR8101020		
				EXP: 04/11/2019		
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:	QPCR-P-500ML	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	PCR-FILTER					
Group: B	Bottle Type:	P-120ML-WC-THI	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	SWD-AEL-EC					
Group: B	Bottle Type:	BG-500ML	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	W-E8321-DI					
	W-E8321-MS					



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 • 813.630.9616 • Fax 813.630.4327

Client Name: FDEP SW Dist.		Project Name: SMP		BOTTLE SIZE & TYPE	Analysis Required	LABORATORY I.D. #
Address: 13051 N. Telecom Pkwy. Temple Terrace FL 33637		P.O. Number: B370AE				
Phone: 813-470-5770		Project Address:				
Contact: Judy Ashton 813-470-5772		Special Instructions: RQ-2018-10-08-08				
Sampled By:		Turn Around Time: ☒ STANDARD ☐ RUSH		☐ ADaPT ☐ EQulS ☐ Other		PRE SER- VATI ON
Page: of						
SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING DATE TIME	MATRIX	NO. COUNT	
Field ID/WIN						
	G2SW0004		10-18-18 9:40	SW	1	1
Site Name:	Flint Creek @ SR301, TP39					
Field ID/WIN	G2SW0066		10-18-18 10:30	SW	1	1
Site Name:	Flint Creek @ Knights Griffin Rd					
Field ID/WIN	G2SW0013		10-18-18 11:11	SW	1	1
Site Name:	Spartman Branch @ US 92					
Field ID/WIN	G2SW0067		10-18-18 11:35	SW	1	1
Site Name:	Spartman Branch at Harvey Tew Rd					
Field ID/WIN	G2SW0012		10-18-18 10:42	SW	1	1
Site Name:	Baker Creek @ Thonotosassa Rd					

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: 10A A: 3A M: 3A S: 1V

Relinquished by:	Date	Time	Received by:	Date	Time
1 Sarah Myer	10/18/18	12:30	DMT	10/18/18	12:31

FOR DRINKING WATER USE:
PWS ID: _____



☐	Gainesville: 4965 SW 41st Blvd. • Gainesville, FL 32608 • 352.377.2349 • Fax 352.395.6639
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☒	Tampa: 9610 Princess Palm Ave. • Tampa, FL 33619 • 813.630.9616 • Fax 813.630.4327

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Printed: 10/19/2018 10:36:21 AM

Page 1 of 2

Date of Request: 03-JUL-2018
 Created By: PASWATER_B On: 03-JUL-2018
 Modified By: WATTS_J On: 21-SEP-2018
 Customer: SW-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Southwest District
 Sampling Event: Spartman, Bellows, Flint, 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: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 21-SEP-2018
 Biology Request Reviewed By: SWANSON_C On: 20-SEP-2018
 Sampling Kit Required: YES Ship on: 28-SEP-2018
 Sampling Kit Shipped: YES On: 28-SEP-2018
 Sampling Kit Packed By: BOWDEN_M
 Preservatives Needed: NO
 Date to Receive Samples: 08-OCT-2018
 Received By:

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, Bellows, Flint, 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 using a maximum of 250 mL of sample

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-120ML-WC-THI	Number of Bottles: 2	Preserved With: ICE
SWD-AEL-EC Template: DEFAULT	(EPA 1603)	Escherichia coli by membrane filter Advanced Environmental Laboratory in Tampa

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 6 Samples:

Bottle Type: QPCR-P-500ML	Number of Bottles: 6	Preserved With: ICE
PCR-FILTER Template: DEFAULT	(SOP-PCR-4.0)	Preparation of Samples by Filtration and held for qPCR Analysis
Bottle Type: P-120ML-WC-THI	Number of Bottles: 6	Preserved With: ICE

Bottle Group B (Water) With 6 Samples:

Bottle Type: P-120ML-WC-THI	Number of Bottles: 6	Preserved With: ICE
SWD-AEL-EC	Template: DEFAULT	(EPA 1603) Escherichia coli by membrane filter Advanced Environmental Laboratory in Tampa
Bottle Type: BG-500ML	Number of Bottles: 6	Preserved With: ICE
W-E8321-DI	Template:	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
W-E8321-MS	Template: DEFAULT	(EPA 8321B) Pesticides, 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.



Do Not Lift Using This Tag

ORIGIN ID: TLHA (813) 470-5772
BEN PASWATER
FL DEP SOUTHWEST DISTRICT
13051 N TELECOM PKWY.

SHIP DATE: 28SEP18
ACTWGT: 12.00 LB MAN
CAD: 0446970/CAFE3210

TEMPLE TERRACE, FL 336370926
UNITED STATES US

TO JOHN WATTS
FLORIDA DEP/CHEMISTRY SECTION
2600 BLAIRSTONE RD

TALLAHASSEE FL 32399

(850) 245-8077
INVT:
PO:

REF:

DEPT:

RMA: ||| ||| |||



FedEx
Express



J18111804200109

Ex.

0221 4385 5034 1413

36 TLHA

RETURNS MON-FRI
FRI - 19 OCT AA HT
STANDARD OVERNIGHT 99

32399
FL-US
TLH



FID 981491 18OCT18 MCFA 553C1/88FB/8C8A

RT 856

FZ

1 15:00
B 1413
10.19