

Log-in Checklist

Login Station ID: # 3

Shipping Method: FedEx | UPS | HD | Greyhound | Date/Time of Receipt: 04/12/2018 / 10:40

Cooler ID	Cooler Temperature*	No. Sample Containers in Cooler	Evidence Tape		*Intact?		Tracking # (fill out only if waybill copy is damaged)
			Present?		Yes	No	
Red	1.2c	16					
Red	2.6c	11					
Red							

*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 X No

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included? Yes No X Date 4-12-18

CONTAINER CHECK

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

**Caps on tight? Yes X No **Containers intact? Yes X No

**Sufficient Sample Volume: Yes X No

CHLORINE CHECK (Blue dot on container)

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 ≤ 2.0? Yes No NA Init: ABS

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

Coolers Unpacked/Checked by: ABS Date: 04/12/2018 NCRs (Y/N)?

Event ID: Spartman, Flint, Bellows, Baker
SW-DIST-2018-04-12-01 (SMP)
 Date Received: 12-APR-2018 10:40
 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_03_2018
pH Paper 0.0 – 3.0 Lot #	230515 EXP:10/30/18
pH Paper 0 – 13 Lot #	222516 EXP:09/15/18
Chlorine Test Strips Lot #	09141V EXP:09/2021

ENCORE SAMPLES

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

Were Encore samples received? Yes _____ No X

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: _____

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

Spartman, Flint, Bellows, Baker

Florida Department of Environmental Protection Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: SW-DIST

Project ID: SMP

Requester: Benjamin Paswater

Field Report Prepared By: J. Ashton

Collected By: Judy Ashton, Ben Paswater

Sampling Agency: FDEP

Location		☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s) (See pg 2)
Field ID/WIN	G2SW0012	☒ Grab	Date 4-11-18 Time 0945	Central	Date Time	
Win		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
Site Name:	Baker Creek @ Thonotosassa Rd	Temp (C)	21.4	pH	6.1	Sample Depth 0.3
Lat		☐ dd ☐ dms	Salinity (ppt)	Comments		B/C
				E. COLI DROPPED OFF 2 ALL		
Location		☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s)
Field ID	G1SW0060_DUP	☒ Grab	Date 4-11-18 Time 11:45	Central	Date Time	
Location:	Bellows Lake Outlet_DUP	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
WIN ID:	G1SW0060	Temp (C)	21.4	pH	6.1	Sample Depth 0.3
Lat		☐ dd ☐ dms	Salinity (ppt)	Comments		A/B
				E. COLI DROPPED OFF 2 ALL		
Location		☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s)
Field ID	BLANK	☐ Grab	Date 4-11-18 Time 1220	Central	Date Time	
WIN/ST		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
Site Name:	Field Blank	Temp (C)	D. I.	pH		Sample Depth
Latitude		☐ dd ☐ dms	Salinity (ppt)	Comments		A/B
				E. COLI DROPPED OFF 2 ALL		
Location		☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s)
Field ID/WIN	G2SW0067	☒ Grab	Date 4-11-18 Time 1025	Central	Date Time	
Win		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
Site Name:	Spartman Branch at Harvey Tew Rd	Temp (C)	20.9	pH	6.2	Sample Depth 0.3
Lat		☐ dd ☐ dms	Salinity (ppt)	Comments		B/C
				E. COLI DROPPED OFF 2 ALL		

Relinquished By: Judy Ashton	Date/Time: 4-11-18 1700	Shipping Method: FedEx	Number of Coolers Shipped: 2	Received By: [Signature]	Date/Time: 4-12-18 1700
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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-TH	# 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-500ML	# of Bottles: 6	Preservative: ICE	Enter Number of Bottles Sent to Lab _____
	W-E8321-DI W-E8321-MS			

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

Spartman, Flint, Bellows, Baker

Florida Department of Environmental Protection

Central Laboratory Submittal Form

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Page 1 of 2

last revised Jan 25, 2018

Customer: SW-DIST

Requester: Benjamin Paswater

Field Report Prepared By:

J. Ashton, B. Paswater

Project ID: SMP

Collected By:

JUDY ASHTON, BEN PASWATER

Sampling Agency:

FDEP

Location		☐ Comp	Collection (comp begin or grab)	☒ Eastern	Composite end	Bottle Group(s)
Field ID/WIN	G1SW0060	☒ Grab	Date 4-11-18 Time 1140	Central	Date Time	(See pg 2)
Field		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☒ mg/L Total Res. Chlorine	A/B
VIN				0.44	☒ % sat (mg/L)	
Site Name:	Bellows Lake Outlet	Temp (C) 21.1	pH 6.9	Sample Depth 0.15	Sp. Conductance (umho/cm) 296	
Latit		☐ dd	Salinity (ppt)	Comments		
		☐ dms		E. COLI DROPPED OUT OF ALL		
Location		☐ Comp	Collection (comp begin or grab)	☒ Eastern	Composite end	Bottle Group(s)
Field ID/WIN	G2SW0066	☒ Grab	Date 4-11-18 Time 1045	Central	Date Time	(See pg 2)
Field		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☒ mg/L Total Res. Chlorine	B/C
WIN				3.1	☒ % sat (mg/L)	
Site Name:	Flint Creek @ Knights Griffin Rd	Temp (C) 20.4	pH 6.7	Sample Depth 0.3	Sp. Conductance (umho/cm) 454	
Latit		☐ dd	Salinity (ppt)	Comments		
		☐ dms		E. COLI DROPPED OUT OF ALL		
Location		☐ Comp	Collection (comp begin or grab)	☒ Eastern	Composite end	Bottle Group(s)
Field ID/WIN	G2SW0004	☒ Grab	Date 4-11-18 Time 1105	Central	Date Time	(See pg 2)
Field		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☒ mg/L Total Res. Chlorine	B/C
WIN				4.4	☒ % sat (mg/L)	
Site Name:	Flint Creek @ SR301, TP39	Temp (C) 21.0	pH 7.1	Sample Depth 0.3	Sp. Conductance (umho/cm) 450	
Latit		☐ dd	Salinity (ppt)	Comments		
		☐ dms		E. COLI DROPPED OUT OF ALL		
Location		☐ Comp	Collection (comp begin or grab)	☒ Eastern	Composite end	Bottle Group(s)
Field ID/WIN	G2SW0013	☒ Grab	Date 4-11-18 Time 1005	Central	Date Time	(See pg 2)
Field		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☒ mg/L Total Res. Chlorine	B/C
WIN				6.1	☒ % sat (mg/L)	
Site Name:	Spartman Branch @ US 92	Temp (C) 20.4	pH 6.0	Sample Depth 0.3	Sp. Conductance (umho/cm) 192	
Latit		☐ dd	Salinity (ppt)	Comments		
		☐ dms		E. COLI DROPPED OUT OF ALL		

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
J. Ashton	4-11-18 1700	FED EX		AS	4-12-18 1040

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				

Client Name:	FDEP SW Dist.	Project Name:	SMP
Address: 13051 N. Telecom Pkwy, Temple Terrace FL 33637	P.O. Number:	AF315E	BOTTLE SIZE & TYPE
Phone: 813-470-5770	Project Address:		
Contact: Judy Ashton 813-470-5772	Special Instructions:		
Sampled By:			
Turn Around Time: ☒ STANDARD ☐ RUSH	RQ-2018-04-09-07	Analysis Required	E. COLI
Page: 1 of 2	☐ ADAPT ☐ EQUIS ☐ Other		

SAMPLE ID	SAMPLE DESCRIPTION	Grab	SAMPLING		MATRIX	NO. COUNT	PRE SER. VATION	LABORATORY I.D. #
			DATE	TIME				



Site Name: Bellows Lake Outlet

Field ID/MIN

G2SW00066

Site Name:

Flint Creek @ Knights Griffin Rd

Field ID/MIN

G2SW00004



Site Name:

Flint Creek @ SR301, TP39

Field ID/MIN

G2SW00013



Site Name:

Spartman Branch @ US 92

Field ID/MIN

G2SW00012



Site Name:

Baker Creek @ Thonotosassa Rd

Matrix Code: WW = wastewater SW = surface water 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

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 PWS ID: FOR DRINKING WATER USE:

1 J. ASHTON 4-11-18 1230 34/11/18 1208 IS 4/11/18

[illegible]

Date of Request: 18-JAN-2018
 Created By: PASWATER_B On: 18-JAN-2018
 Modified By: SWANSON_C On: 26-MAR-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: 23-MAR-2018
 Biology Request Reviewed By: SWANSON_C On: 26-MAR-2018
 Sampling Kit Required: YES Ship on: 30-MAR-2018
 Sampling Kit Shipped: YES On: 30-MAR-2018
 Sampling Kit Packed By: SHAIK_A
 Preservatives Needed: NO
 Date to Receive Samples: 09-APR-2018
 Received By: SHAIK_A On: 12-APR-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-500ML Number of Bottles: 6 Preserved With: ICE

W-E8321-DI Template: SUCRALOSE (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 USE THIS TAG

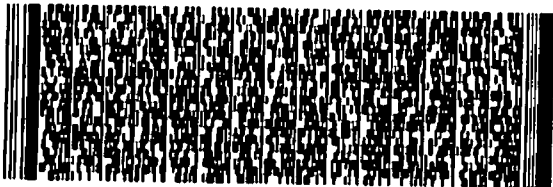
ORIGIN ID: MCFE (013) 470-5772
BEN PASWATER
FL DEP SOUTHWEST DISTRICT
13051 N TELECOM PKWY
TEMPLE TERRACE, FL 33637
UNITED STATES US

SHIP DATE: 27MAR18
ACTWGT: 35.00LB
CAG: 100182098/NE13980

10 AMZAD SHAIK

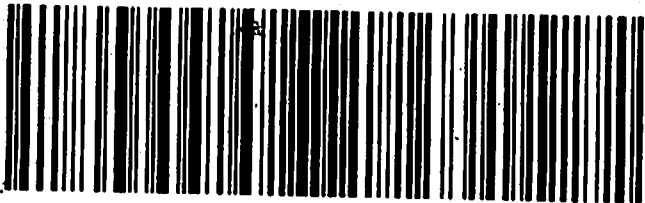
FL DEP
FL DEP CHEMISTRY SECTION
2600 BLAIR STONE RD
TALLAHASSEE FL 32399
REF: (850) 245-8085

RMA: PO INVT DEPT:



552107F500C0A5

DELIVERING MON-PT
THU - 12 APR 10:30A
PRIORITY OVERNIGHT
32399
FL-US
TLH



FTD 981491 11APR18 MCFE 546C1/9132/8C8A

36 TLHA

FedEx
TRK# 1907 9797 9269
0221

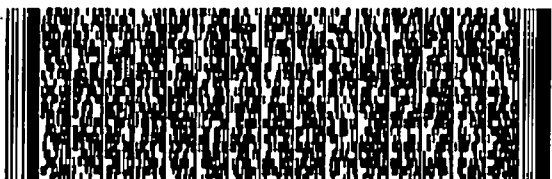
36 TLHA

THU - 12 APR 10:30A
PRIORITY OVERNIGHT
32399
FL-US
TLH



FTD 981491 11APR18 MCFE 546C1/9132/8C8A

Part # 156297-439 RPOB EXP NVAIO



10 AMZAD SHAIK
FL DEP
FL DEP CHEMISTRY SECTION
2600 BLAIR STONE RD
TALLAHASSEE FL 32399
REF: (850) 245-8085

DEPT:

RMA:

SHIP DATE: 27MAR18
ACTWGT: 35.00LB
CAG: 100182098/NE13980

ORIGIN ID: MCFE (013) 470-5772
BEN PASWATER
FL DEP SOUTHWEST DISTRICT
13051 N TELECOM PKWY
TEMPLE TERRACE, FL 33637
UNITED STATES US