

Armistead, Bellows

last revised Apr 7, 2016

Central Laboratory Submittal Form

Customer: WQAP

Requester: Judy Ashton

Field Report Prepared By: L. Bachler

Project ID: SMP

Collected By: L. Bachler, D. Horning

Sampling Agency: FDEP

Location RQ-2017-09-11-25 Field ID Date: 10/12/17 Time: STOR: Bellows Outlet Latitude G1SW0060		☐ Comp ☒ Grab Collection (comp begin or grab) Date 10-12-17 Time 0900		☒ Eastern ☐ Central Composite end Date Time	Bottle Group(s) (See pg 2) A, B
Matrix (type, e.g., Salt, Fresh etc) Diss. Oxygen 1.5 mg/L Total Res. Chlorine (mg/L)					
Temp (C) 26.8 pH 6.4 Sample Depth 0.3 ft Sp. Conductance (umho/cm) 162					
Salinity (ppt) 0.08 Comments Dropped off at E.Coli at AEL					
Location RQ-2017-09-11-25 Field ID Date: 10/12/17 Time: STORET Braden River Latitude G2SW0016		☐ Comp ☒ Grab Collection (comp begin or grab) Date 10-12-17 Time 1035		☒ Eastern ☐ Central Composite end Date Time	Bottle Group(s) B
Matrix (type, e.g., Salt, Fresh etc) Diss. Oxygen 2.8 mg/L Total Res. Chlorine (mg/L)					
Temp (C) 26.7 pH 6.7 Sample Depth 0.3 ft Sp. Conductance (umho/cm) 524					
Salinity (ppt) 0.25 Comments Dropped off E.Coli at AEL					
Location RQ-2017-09-11-25 Field ID Date: 10/12/17 Time: STORET # Nonsense Creek Latitude G2SW0015		☐ Comp ☒ Grab Collection (comp begin or grab) Date 10-12-17 Time 1100		☒ Eastern ☐ Central Composite end Date Time	Bottle Group(s) B
Matrix (type, e.g., Salt, Fresh etc) Diss. Oxygen 1.3 mg/L Total Res. Chlorine (mg/L)					
Temp (C) 25.3 pH 6.5 Sample Depth 0.3 ft Sp. Conductance (umho/cm) 1268					
Salinity (ppt) 0.63 Comments Dropped off E.Coli at AEL					
Location RQ-2017-09-11-25 Field ID Date: 10/12/17 Time: STORET # Cedar Creek Latitude G2SW0018		☐ Comp ☒ Grab Collection (comp begin or grab) Date 10-12-17 Time 1130		☒ Eastern ☐ Central Composite end Date Time	Bottle Group(s) B
Matrix (type, e.g., Salt, Fresh etc) Diss. Oxygen 4.1 mg/L Total Res. Chlorine (mg/L)					
Temp (C) 26.6 pH 6.8 Sample Depth 0.3 ft Sp. Conductance (umho/cm) 603					
Salinity (ppt) 0.29 Comments Dropped off E.Coli at AEL					

Relinquished By: L. Bachler	Date/Time 10-12-17 / 1400	Shipping Method Fed Ex	Number of Coolers Shipped: 1	Received By: [Signature]	Date/Time 10-13-17 / 10:14
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Group: A	Bottle Type:	P-1L	# of Bottles: 21	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: 21	Preservative:	ICE	Enter Number of Bottles Sent to Lab	
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 21	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: 21	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab	1
	W-PO4-F						
Group: B	Bottle Type:	QPCR-P-250ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	PCR-FILTER						
Group: B	Bottle Type:	P-120ML-WC-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
	SWD-AEL-EC						
							Bacteria dropped off at AEL
Group: B	Bottle Type:	BG-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	W-AHERB-AA						
	W-SUC-AA-R						
	W-UHERB-AA						

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Armistead, Bellows

Customer: WQAP

Requester: Judy Ashton

Field Report Prepared By:

Project ID: SMP

Collected By:

Sampling Agency:

Location		RQ-2017-09-11-25 Date: 10/12/17 Time:		G2SW0017 Field ID STORET G2SW0017 Rattlesnake Slough		☐ Comp ☒ Grab Collection (comp begin or grab) Date 10-12-17 Time 1145		☒ Eastern ☐ Central Composite end Date Time		Bottle Group(s) (See pg 2) B	
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)			
STORET #		Temp (C) 25.0		pH 7.0		Sample Depth 0.3		☐ ft ☒ m		Sp. Conductance (umho/cm) 353	
Latitude		☐ ud ☐ dms		Longitude		☐ dd ☐ dms		Salinity (ppt) 0.17		Comments Dropped off E. Coli at AEL	

Location		☐ Comp ☐ Grab Collection (comp begin or grab) Date Time		☐ Eastern ☐ Central Composite end Date Time		Bottle Group(s)					
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)			
STORET #		Temp (C)		pH		Sample Depth		☐ ft ☒ m		Sp. Conductance (umho/cm)	
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Salinity (ppt)		Comments	

Location		☐ Comp ☐ Grab Collection (comp begin or grab) Date Time		☐ Eastern ☐ Central Composite end Date Time		Bottle Group(s)					
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)			
STORET #		Temp (C)		pH		Sample Depth		☐ ft ☐ m		Sp. Conductance (umho/cm)	
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Salinity (ppt)		Comments	

Location		☐ Comp ☐ Grab Collection (comp begin or grab) Date Time		☐ Eastern ☐ Central Composite end Date Time		Bottle Group(s)					
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)			
STORET #		Temp (C)		pH		Sample Depth		☐ ft ☐ m		Sp. Conductance (umho/cm)	
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Salinity (ppt)		Comments	

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By: ABJ	Date/Time 10-12-17 / 10:14
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Advanced
Environmental Laboratories, Inc.

6001 Southport Pkwy. • Jacksonville, FL 32216 • 904.303.9350 • Fax 904.303.9354 • E82574
9810 Princess Palm Ave. • Tampa, FL 33619 • 813.630.0510 • Fax 813.630.4327 • E84563
2108 NW 67th Place, Gta. 7 • Gainesville, FL 32608 • 352.307.1500 • Fax 352.357.0050 • E82020
528 S. North Lake Blvd., Gta. 1016 • Altamonte Springs, FL 32701 • 407.337.1504 • Fax 407.337.1507 • E53078

LAB NUMBER:

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of

CLIENT NAME		PROJECT NAME		BOTTLE SIZE & TYPE	Grille Plastic Bottle											L A B N U M B E R					
FDEP - SW District		TMDL / SMP																			
ADDRESS: 13051 N. Telecom Pkwy		P.O. NUMBER/PROJECT NUMBER:																			
Temple Terrace, FL 33637		PROJECT LOCATION: Florida																			
PHONE: 813-470-5700		FAX: 813-470-5998																			
CONTACT: Matthew Boarden Sarah Ernst		SAMPLED BY:																			
TURN AROUND TIME:		REMARKS/SPECIAL INSTRUCTIONS:																			
☒ STANDARD ☐ RUSH		PO AF315E																			
Samples are ambient water and not suspected to contain chlorine																					
WW=waste water SW=surface water GW=ground water DW=drinking water O=oil A=air SO=solid SL=sludge																					
Field ID		SITE NAME		Grab Comp	SAMPLING		MATRIX	NO. COUNT	Preserv	Ice, T											
RQ-2017-09-11-25					DATE	TIME															
Date: 10/12/17																					
Time:																					
Bellows Outlet		G1SW0060		Grab	10-12-17	0900	SW	1													
		Field ID STORET																			
RQ-2017-09-11-25		G1SW0060		Grab	10-12-17	1035	SW	1													
Date: 10/12/17		Field ID STORET																			
Time:		G2SW0016																			
Braden River		G2SW0016		Grab	10-12-17	1100	SW	1													
		Field ID STORET																			
RQ-2017-09-11-25		G2SW0015		Grab	10-12-17	1130	SW	1													
Date: 10/12/17		Field ID STORET																			
Time:		G2SW0018																			
Nonsense Creek		G2SW0018		Grab	10-12-17	1145	SW	1													
		Field ID STORET																			
RQ-2017-09-11-25		G2SW0017		Grab	10-12-17																
Date: 10/12/17		Field ID STORET																			
Time:		G2SW0017																			
Cedar Creek		G2SW0017																			
		Field ID STORET																			
RQ-2017-09-11-25		G2SW0017																			
Date: 10/12/17		Field ID STORET																			
Time:		G2SW0017																			
Rattlesnake Slough		G2SW0017																			
		Field ID STORET																			
Ret		Via		Sample Kit	Cooler #																
				RB	D/T																
				AB	D/T																
				Trip Bl																	

Relinquish by:	Date	Time	Received by:	Date	Time
L. Bacher	10-12-17	1347	Brian P. Smith	10-12-17	1347

Received on to

☐ Yes ☒ No

QC ☐ sent

☐ received

revised 1/12

Date of Request: 17-AUG-2017
 Created By: ASHTON_J On: 17-AUG-2017
 Modified By: SWANSON_C On: 18-SEP-2017
 Customer: WQAP
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District:
 Sampling Event: Armistead, Bellows

Send Coolers To:

Phone: 813-470-5772
 13051 N. Telecom Parkway

 Tampa, FL 33637
 Attn: Judy Ashton

Send Final Report To:

13051 N. Telecom Parkway

 Tampa, FL 33637
 Attn: Judy Ashton

Program Module Number:
 Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 21-AUG-2017
 Biology Request Reviewed By: SWANSON_C On: 22-AUG-2017
 Sampling Kit Required: NO Ship on:
 Sampling Kit Shipped: YES On: 28-AUG-2017
 Sampling Kit Packed By: REYNOLDS_T
 Preservatives Needed: NO
 Date to Receive Samples: 12-OCT-2017
 Received By: SHAIK_A On: 13-OCT-2017

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

Comments: Group A: Freshwater Kit, No Metals

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 1 Samples:

Bottle Type: QPCR-P-250ML	Number of Bottles: 2	Preserved With: ICE
PCR-FILTER	Template: DEFAULT	(SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis
Bottle Type:	Number of Bottles: 1	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 Type: BG-1L	Number of Bottles: 1	Preserved With: ICE

Bottle Group B (Water) With 1 Samples:

Bottle Type: BG-1L	Number of Bottles: 1	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.

Log-in Checklist

RQ- 2017-09-11-25

Shipping Method: Fed Exp

Date/Time of Receipt: 10-13-17 10:14

Cooler ID	Cooler Temperature*	No. Sample Containers in Cooler	Evidence Tape				Tracking # (fill out only if waybill copy is damaged)
			Present?		*Intact?		
Yes	No	Yes	No	Yes	No		
Red	1.3c	7					

*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 ☐

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 (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-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-CI-R		

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

****Acid Preserved Samples: pH ≤ 2.0?** Yes ☒ No ☐ NA ☐ Init: ABP

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

Coolers Unpacked/Checked by: ABP Date: 10-13-17 NCRs (Y/N)? 2

Event ID: Armistead, Bellows
WQAP-2017-10-13-03 (SMP) NCR #

Date Received: 13-OCT-2017 10:14

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:

00135

01000

FedEx
Express

 Package
US Airbill

 FedEx
Tracking
Number

8119 3904 1195

1 From

Date

10/12/17

Sender's
Name

Phone

813 470 5700

Company

13051 N. Fennell Pkwy

Address

City/Floor/Suite/Room

City

Tallahassee, Florida

State

FL

ZIP

32303-377

2 Your Internal Billing Reference

3 To

Recipient's
Name

SAMPLE RECEIVING

Phone

850 245-6095

Company

FLORIDA DEP/CHEMISTRY SECTION

Address

2300 BLAIRSTONE RD

City/Floor/Suite/Room

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Address

Use this line for the HOLD location address or for continuation of your shipping address.

City

TALLAHASSEE

State

FL

ZIP

32303-3040

 Hold Weekday
FedEx location address
REQUIRED. NOT available for
FedEx First Overnight.
☐
 Hold Saturday
FedEx location address
REQUIRED. Available ONLY for
FedEx Priority Overnight and
FedEx 2Day to select locations.
☐

4 Express Package Service

* To most locations.

 Packages up to 150 lbs.
Per packages over 150 lbs., use the
FedEx Express Freight US Airbill.

Next Business Day

☐ FedEx First Overnight
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.

2 or 3 Business Days

☐ 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 ☐ Yes ☐ Dry Ice ☐ Cargo Aircraft Only
As per attached Shipper's Declaration. Shipper's Declaration not required. Dry Ice, 6 UN 1845 _____ x _____ to _____
Restrictions apply for dangerous goods — see the current FedEx Service Guide.

7 Payment Bill to:

Enter FedEx Acct. No. or Credit Card No. below.

Obtain recip.
Acct. No. ☐
☐ Sender Acct. No. in Section 1 will be billed. ☒ Recipient ☐ Third Party ☐ Credit Card ☐ Cash/Check

Total Packages

Total Weight

Credit Card Auth.

*Our facility is limited to US\$500 unless you declare a higher value. See the current FedEx Service Guide for details.

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8119 3904 1195

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