

RUN 15

Customer: WQAP

Requester: Judy Ashton

Field Report Prepared By:

L. Bachler

Project ID: SMP

Collected By:

D. Horning, L. Bachler

Sampling Agency:

FDEP

Location	RQ-2017-09-04-32 Date: 10-19-2017 Time:	Field ID G2SW0033	STORET # G2SW0033	Latitude Rice Crk [] dms	☐ Comp ☒ Grab Collection (comp begin or grab) Date 10-19-17 Time 0935 Eastern Central Composite end Date Time	Matrix (type, e.g., Salt, Fresh, etc) Diss. Oxygen 7.9 ☒ mg/L ☐ % sat Total Res. Chlorine (mg/L)	Temp (C) 23.7 pH 7.1 Sample Depth 0.3 ☐ ft ☒ m Sp. Conductance (umho/cm) 253	Bottle Group(s) (See pg 2) A, B, C
Comments E. Coli dropped off at AEL								
Location	RQ-2017-09-04-32 Date: 10-19-2017 Time:	Field ID G2SW0023	STORET # G2SW0023	Latitude Little Manatee River [] dms	☐ Comp ☒ Grab Collection (comp begin or grab) Date 10-19-17 Time 1035 Eastern Central Composite end Date Time	Matrix (type, e.g., Salt, Fresh, etc) Diss. Oxygen 6.2 ☒ mg/L ☐ % sat Total Res. Chlorine (mg/L)	Temp (C) 23.8 pH 7.0 Sample Depth 0.3 ☐ ft ☒ m Sp. Conductance (umho/cm) 196	Bottle Group(s) A, C
Comments E. Coli dropped off at AEL								
Location	RQ-2017-09-04-32 Date: 10-19-2017 Time:	Field ID G2SW0030	STORET # G2SW0030	Latitude Gap Crk [] dms	☐ Comp ☒ Grab Collection (comp begin or grab) Date 10-19-17 Time 1135 Eastern Central Composite end Date Time	Matrix (type, e.g., Salt, Fresh, etc) Diss. Oxygen 6.3 ☒ mg/L ☐ % sat Total Res. Chlorine (mg/L)	Temp (C) 24.5 pH 7.4 Sample Depth 0.3 ☐ ft ☒ m Sp. Conductance (umho/cm) 647	Bottle Group(s) A, C
Comments E. Coli dropped off at AEL								
Location	RQ-2017-09-04-32 Date: 10-19-2017 Time:	Field ID G2SW0031	STORET # G2SW0031	Latitude Wares Crk (Fresh) [] dms	☐ Comp ☒ Grab Collection (comp begin or grab) Date 10-19-17 Time 12:10 Eastern Central Composite end Date Time	Matrix (type, e.g., Salt, Fresh, etc) Diss. Oxygen 10.4 ☒ mg/L ☐ % sat Total Res. Chlorine (mg/L)	Temp (C) 27.0 pH 8.1 Sample Depth 0.3 ☐ ft ☒ m Sp. Conductance (umho/cm) 636	Bottle Group(s) A, C
Comments E. Coli dropped off at AEL								

Relinquished By: L. Bachler	Date/Time 10-19-17 / 1410	Shipping Method FedEx	Number of Coolers Shipped: 2	Received By: A. Bachler	Date/Time 10-20-17 / 10:30
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Form contained.

Group C containers not received.
A. Bachler 10/20/17

Group: A	Bottle Type: QPCR-P-250ML PCR-FILTER PCR-HF183	# of Bottles: 8 8	Preservative: ICE	Enter Number of Bottles Sent to Lab 8
Group: A	Bottle Type: P-120ML-WC-THI SWD-AEL-EC	# of Bottles: 8 4 Samples dropped off at AEL	Preservative: ICE	Enter Number of Bottles Sent to Lab 2
Group: A	Bottle Type: BG-1L W-AHERB-AA W-SUC-AA-R W-UHERB-AA	# of Bottles: 5 4	Preservative: ICE	Enter Number of Bottles Sent to Lab 4
Group: B	Bottle Type: QPCR-P-250ML PCR-GFD	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab 2
Group: C	Bottle Type: P-1L ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab 3
Group: C	Bottle Type: BP-1L CHLSUITE-W	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab 3
Group: C	Bottle Type: P-500ML W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	# of Bottles: 3	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab 3
Group: C	Bottle Type: P-125ML W-PO4-F	# of Bottles: 3	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab 3



Advanced
Environmental Laboratories, Inc.

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9010 Princess Palm Ave. • Tampa, FL 33619 • 813.630.0916 • Fax 813.630.4327 • E84589
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525 S. North Lake Blvd., Ste. 1016 • Altamonte Springs, FL 32701 • 407.337.1524 • Fax 407.337.1537 • E53078

LAB NUMBER:

Page 1 of 1

CLIENT NAME: FDEP - SW District		PROJECT NAME: TMDL / SMP		BOTTLE SIZE & TYPE		Sterile Plastic Bottle												LAB NUMBER			
ADDRESS: 13051 N. Telecom Pkwy		P.O. NUMBER/PROJECT NUMBER:		PROJECT LOCATION: Florida		FAX: 813-470-5998		SAMPLED BY: Laurie Bachler 810-424-9114		REMARKS/SPECIAL INSTRUCTIONS: PO AF315E		STANDARD		RUSH							
RQ-2017-09-04-32		Date: 10-19-2017		Time:		Field ID: G2SW0033		STORET: G2SW0033		Rice Crk		Grab		10-19-17		0935		SW		1	
RQ-2017-09-04-32		Date: 10-19-2017		Time:		Field ID: G2SW0023		STORET: G2SW0023		Little Manatee River		Grab		10-19-17		1035		SW		1	
RQ-2017-09-04-32		Date: 10-19-2017		Time:		Field ID: G2SW0030		STORET: G2SW0030		Gap Crk		Grab		10-19-17		1135		SW		1	
RQ-2017-09-04-32		Date: 10-19-2017		Time:		Field ID: G2SW0031		STORET: G2SW0031		Wares Crk (Fresh)		Grab		10-19-17		1210		SW		1	

Uice	H ₂ (HCl)	S ₂ (H ₂ SO ₄)	N ₂ (HNO ₃)	T ₂ (Sodium Thiosulfate)							
Shipment	Out:	Ret:	Method	Via:	Sample Kit	Cooler #	RB	AB	Trip BL	D/T	D/T

Received on IC ☐ Yes ☐ No ☐ sent ☐ received

Refrigerate by:	Date	Time	Received by:	Date	Time
1. Bachler	10-19-17	1300		10/19/17	1300
2					
3					
4					

revised 1/12

Date of Request: 09-AUG-2017
 Created By: ASHTON_J On: 09-AUG-2017
 Modified By: SWANSON_C On: 13-SEP-2017
 Customer: WQAP
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District:
 Sampling Event: RUN 15

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: 31-AUG-2017
 Biology Request Reviewed By: SWANSON_C On: 05-SEP-2017
 Sampling Kit Required: NO Ship on:
 Sampling Kit Shipped: YES On: 22-AUG-2017
 Sampling Kit Packed By: SHAIK_A
 Preservatives Needed: NO
 Date to Receive Samples: 16-OCT-2017
 Received By: SHAIK_A On: 20-OCT-2017

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

Comments: Group A: Tracers, Markers

Bottle Group A (Water) With 5 Samples:

Bottle Type: QPCR-P-250ML	Number of Bottles: 10	Preserved With: ICE
PCR-FILTER	Template: DEFAULT	(SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis
PCR-HF183	Template: DEFAULT	(SOP-PCR-1.0) Detection and quantification of human-specific HF183 Bacteroides genetic marker with quantitative polymerase chain reaction
Bottle Type: SWD-AEL-EC	Number of Bottles: 5	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: 5	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

Bottle Group B (Water) With 1 Samples:

Bottle Type: QPCR-P-250ML	Number of Bottles: 2	Preserved With: ICE
PCR-GFD	Template: DEFAULT	(SOP-PCR-1.3) Detection and quantification of bird specific Helicobacter GFD genetic marker with quantitative polymerase chain reaction

Bottle Group C (Water) With 3 Samples:

Bottle Type: P-1L	Number of Bottles: 3	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-SO4-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: 3	Preserved With: ICE

Bottle Group C (Water) With 3 Samples:

Bottle Type: BP-1L	Number of Bottles: 3	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: 3	Preserved With: ICE And H2SO4
W-NH3	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
W-NO2NO3	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: 3	Preserved With: FILTER-ICE
W-PO4-F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

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

RQ-2017-09-04-32

Log-in Checklist

Shipping Method: Fed Exp

Date/Time of Receipt: 10-20-17/10:30

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	
Red	2.4C	11		/			
Red	1.8C	15		/			

*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-CL-R		

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

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

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

Coolers Unpacked/Checked by: ASB Date: 10-20-17 NCRs (Y/N)? ASB

Event ID: RUN 15
WQAP-2017-10-20-03 (SMP)
Date Received: 20-OCT-2017 10:30

NCR # ASB

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:

Ex Package
Express US Airbill

FedEx Tracking Number 8119 3903 9953

0/10/17

Phone 813 475 3722

State FL ZIP 33437

Internal Billing Reference

SAMPLE RECEIVING

Phone 850 245-8000

FLORIDA DEP/CHEMISTRY SECTION

2600 BLAIRSTONE RD

Deliver to P.O. boxes or P.O. ZIP codes

Dept./Floor/Suite/Room

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.

or the HOLD location address or for continuation of your shipping address.

TALLAHASSEE

State FL ZIP 32399-6540

0127681308



8119 3903 9953

Ex Package
Express US Airbill

FedEx Tracking Number 8119 3898 9820

0/10/17

Phone 813 475 3722

State FL ZIP 33437

Internal Billing Reference

SAMPLE RECEIVING

Phone 850 245-8000

FLORIDA DEP/CHEMISTRY SECTION

2600 BLAIRSTONE RD

Deliver to P.O. boxes or P.O. ZIP codes

Dept./Floor/Suite/Room

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.

or the HOLD location address or for continuation of your shipping address.

TALLAHASSEE

State FL ZIP 32399-6540

0127681308



MUR 4

Form 0215

4 Express Package Service

* To most locations.

Packages up to 150 lbs.
For 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
As per attached Shipper's Declaration.
- ☐ Yes
Shipper's Declaration not required.
- ☐ Dry Ice
Dry Ice, 9 UN 1845
- ☐ Cargo Aircraft Only

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 I will be billed. ☒ Recipient ☐ Third Party ☐ Credit Card ☐ Cash/Check

Total Packages Total Weight

Credit Card Auth.

Your liability is limited to US\$100 unless you declare a higher value. See the current FedEx Service Guide for details.

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MUR 4

Form 0215

4 Express Package Service

* To most locations.

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

Next Business Day

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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.

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* Declared value limit \$500.

- ☐ FedEx Envelope* ☒ FedEx Pak* ☐ FedEx Box ☐ FedEx Tube ☐ Other

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- ☐ 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
As per attached Shipper's Declaration.
- ☐ Yes
Shipper's Declaration not required.
- ☐ Dry Ice
Dry Ice, 9 UN 1845
- ☐ Cargo Aircraft Only

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 I will be billed. ☒ Recipient ☐ Third Party ☐ Credit Card ☐ Cash/Check

Total Packages Total Weight

Credit Card Auth.

FedEx.com 1800-GO-FedEx 1800-453-3339