

RUN 7

Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: WQAP

Requester: Judy Ashton

Field Report Prepared By:

L. Bachler

Project ID: SMP

Collected By:

J. Ashton

Sampling Agency:

FDEP

Location		☒ Comp ☒ Grab	Collection (comp begin or grab) Date 8-3-17 Time 1030		☒ Eastern ☒ Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)
Field ID	RQ-2017-07-31-25 Date: 08/03/17 Time: _____	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 3.9	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
STORET #	↓ STORET Field ID ↑ Lake Wastena	Temp (C) 29.6	pH 6.8	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 143	
Latitude	☐ dd ☐ dms	Salinity (ppt) 0.07	Comments				
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8-3-17 Time 1115		☒ Eastern ☒ Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID	RQ-2017-07-31-25 Date: 08/03/17 Time: _____	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 6.5	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
STORET #	↓ STORET Field ID ↑ Ann Parker	Temp (C) 29.7	pH 7.0	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 173	
Latitude	☐ dd ☐ dms	Salinity (ppt) 0.08	Comments				
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8-3-17 Time 1205		☒ Eastern ☒ Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID	RQ-2017-07-31-25 Date: 08/03/17 Time: _____	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 2.4	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
STORET #	↓ STORET Field ID ↑ Lake Harvey	Temp (C) 29.0	pH 6.5	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 165	
Latitude	☐ dd ☐ dms	Salinity (ppt) 0.08	Comments				
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8-3-17 Time 1305		☒ Eastern ☒ Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID	RQ-2017-07-31-25 Date: 08/03/17 Time: _____	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 7.4	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A, B
STORET #	↓ STORET Field ID ↑ Little Lk Wilson	Temp (C) 29.5	pH 7.3	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 331	
Latitude	☐ dd ☐ dms	Salinity (ppt) 0.16	Comments E. coli dropped off at AEL				

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
L. Bachler	8-3-17 / 1500	Fed Ex	2	SR	8-4-17 / 9:30

Group: A	Bottle Type:	P-1L	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 5	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	4
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 5	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab	4
	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						
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						



Advanced
Environmental Laboratories, Inc.

6601 Southpoint Pkwy. • Jacksonville, FL 32216 • 904.363.9350 • Fax 904.363.9354 • E82574
9610 Princess Palm Ave. • Tampa, FL 33619 • 813.630.9616 • Fax 813.630.4327 • E84589
2106 NW 67th Place, Ste. 7 • Gainesville, FL 32606 • 352.367.1500 • Fax 352.367.0050 • E82620
526 S. North Lake Blvd., Ste. 101B • Altamonte Springs, FL 32701 • 407.837.1594 • Fax 407.837.1597 • E53070

LAB NUMBER: **71713060**

Page **1** of **1**

CLIENT NAME: FDEP - SW District		PROJECT NAME: TMDL / SMP		BOTTLE SIZE & TYPE		Starts Plastic Bottle												LAB NUMBER	
ADDRESS: 13051 N. Telecom Pkwy		P.O. NUMBER/PROJECT NUMBER:																	
Temple Terrace, FL 33637		PROJECT LOCATION: Florida																	
PHONE: 813-470-5700		FAX: 813-470-5986																	
CONTACT: Matthew Bearden Gerah Ernst		SAMPLED BY:																	
TURN AROUND TIME:		REMARKS/SPECIAL INSTRUCTIONS:																	
☒ STANDARD		PO AF315E																	
☐ RUSH																			
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=soil SL=sludge																			
Field ID	SITE NAME		Grab Comp	SAMPLING		MATRIX	NO. COUNT	Preserv	Ice, T										
				DATE	TIME														
RQ-2017-07-31-25			Grab	8-3-17	1305	SW	1												001
Date: 08/03/17	G1SW0006																		
Time:	↓ STORET Field ID ↑																		
Little Lk Wilson																			
	G1SW0006		Grab			SW													
			Grab			SW													
			Grab			SW													
			Grab			SW													
			Grab			SW													

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

Received on Ice ☐ Yes ☐ No QC ☐ sent ☐ received

Relinquish by:	Date	Time	Received by:	Date	Time
L. Bachler	8-3-17	1400	[Signature]	8/3/17	1400

Date of Request: 12-JUL-2017
 Created By: ASHTON_J On: 12-JUL-2017
 Modified By: SWANSON_C On: 18-JUL-2017
 Customer: WQAP
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District:
 Sampling Event: RUN 7

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: A
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 14-JUL-2017
 Biology Request Reviewed By: SWANSON_C On: 18-JUL-2017
 Sampling Kit Required: NO Ship on:
 Sampling Kit Shipped:
 Sampling Kit Packed By:
 Preservatives Needed: NO
 Date to Receive Samples: 03-AUG-2017
 Received By:

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

Comments: Have bottles, please ship two empty coolers.

Bottle Group A (Water) With 5 Samples:

Bottle Type: P-1L	Number of Bottles: 5	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: 5	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: 5	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: 5	Preserved With: ICE-FLTR
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- 2017-07-31-25

Shipping Method: Fedex

Date/Time of Receipt: 8-4-17 / 9:30

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	Yes	No		
Red	1.6	8		✓			
Red	3.1	11		✓			

*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: 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: 8-4-17

NCRs (Y/N)? N

Event ID: WQAP-2017-08-04-01

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

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:

00876

01000

19239

fedex.com 1800.GoFedEx 1800.463.3339

06435039

FedEx Express *Package US Airbill*FedEx
Tracking
Number

8113 0563 2104

1 From

Date

8-3-17

Sender's
Name

Phone

713 470-5700

Company

FDEP

Address

13051 N. Telecom Pkwy

Dept./Floor/Suite/Room

City

Temple Terrace

State

FL

ZIP

33637

2 Your Internal Billing Reference**3 To**Recipient's
Name

SAMPLE RECEIVING

Phone

850 245-8085

Company

FLORIDA DEP/CHEMISTRY SECTION

Address

2600 BLAIRSTONE RD

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

Dept./Floor/Suite/Room

Address

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

City

TALLAHASSEE

State

FL

ZIP

32399



8113 0563 2104

Form
ID No.

0215

Recipient's Copy

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, 5 UN 1845 _____ x _____ kg
- ☐ **Cargo Aircraft Only**
- Restrictions apply for dangerous goods — see the current FedEx Service Guide.

7 Payment Bill to:

- Sender Acct. No. in Section 1 will be billed. ☒ **Recipient** ☐ **Third Party** ☐ **Credit Card** ☐ **Cash/Check**
- Enter FedEx Acct. No. or Credit Card No. below.

Total Packages

Total Weight

Credit Card Auth.

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

00884
01000

19237

fedex.com 1800.GoFedEx 1800.463.3339

06435039

FedEx
Express *Package*
*US Airbill*FedEx
Tracking
Number

8113 0563 2181

1 From

Date

8-3-17

Sender's
Name

Phone

Company

Address

City

State

ZIP

2 Your Internal Billing Reference

3 To

Recipient's
Name

SAMPLE RECEIVING

Phone

850 245-8085

Company

FLORIDA DEP/CHEMISTRY SECTION

Address

2600 BLAIRSTONE RD

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

Dept./Floor/Suite/Room

Address

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

City

TALLAHASSEE

State

FL

ZIP

32399

0126430468



8113 0563 2181

Form
ID No.

0215

4 Express Package Service

* To most locations.

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
BoxFedEx
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

x kg

☐ 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
1 will be billed.

Recipient



Third Party



Credit Card



Cash/Check

Total Packages

Total Weight

lbs.

Credit Card Auth.

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

611

fedex.com 1800.GoFedEx 1800.463.3339