Request Number: RQ-2017-09-25-14

RUN 7

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: WQAP

Project ID: SMP

Requester: Judy Ashton

Collected By: J. Ashton, D. Hedrick

Field Report Prepared By: Judy Ashton

Sampling Agency: FDEP

RQ-2017-09-25-14
Date: 09-26-2017
Time:
Ann Paker
Field ID G1SW0018
STORET G1SW0018

Location
Field ID
STORET #
Latitude ☐dms ☐dd ☐dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 9-26-17 Time 945 | Eastern Central | Composite end Date Time | Bottle Group(s) (See pg 2): A

Matrix (type, e.g., Salt, Fresh, etc) | Diss. Oxygen 8.5 ☐ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 29.7 | pH 7.0 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 155

Salinity (ppt) 0.07 | Comments

RQ-2017-09-25-14
Date: 09-26-2017
Time:
Wastena
Field ID G1SW0020
STORET G1SW0020

Location
Field ID
STORET #
Latitude ☐dms ☐dd ☐dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 9-26-17 Time 1025 | Eastern Central | Composite end Date Time | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc) | Diss. Oxygen 4.6 ☐ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 29.2 | pH 7.6 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 2

Salinity (ppt) 0 | Comments

RQ-2017-09-25-14
Date: 09-26-2017
Time:
Little Lake Wilson
Field ID G1SW0006
STORET G1SW0006

Location
Field ID
STORET #
Latitude ☐dms ☐dd ☐dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 9-26-17 Time 1100 | Eastern Central | Composite end Date Time | Bottle Group(s): A/B

Matrix (type, e.g., Salt, Fresh, etc) | Diss. Oxygen 5.0 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 28.8 | pH 7.1 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 257

Salinity (ppt) 0.12 | Comments: DROPPED OFF E. COLI @ ALL

RQ-2017-09-25-14
Date: 09-26-2017
Time:
Lake Harvey
Field ID G1SW0001
STORET G1SW0001

Location
Field ID
STORET #
Latitude ☐dms ☐dd ☐dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 9-26-17 Time 1130 | Eastern Central | Composite end Date Time | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc) | Diss. Oxygen 4.0 ☐ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 28.5 | pH 6.7 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 128

Salinity (ppt) 0.06 | Comments

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
J. Ashton	9-26-17 1700	FES Ex	1		9-27-17 9:55

Group: A	Bottle Type:	P-1L	# of Bottles: 4	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: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab 4
	CHLSUITE-W					
Group: A	Bottle Type:	P-500ML	# of Bottles: 4	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: 4	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 Ø
	SWD-AEL-EC	DROPPED OFF @ 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					

Advanced
Environmental Laboratories, Inc.
6981 Southpoint Pkwy. • Jacksonville, FL 32216 • 904.363.9350 • Fax 904.363.9354 • E82574
9610 Princess Palm Ave. • Tampa, FL 33610 • 813.630.9616 • Fax 813.630.9437 • E84583
2105 NW 67th Place, Ste. 7 • Gainesville, FL 32606 • 352.337.1500 • Fax 352.337.0050 • E82626
528 S. North Lake Blvd., Ste. 1016 • Altamonte Springs, FL 32701 • 407.937.1534 • Fax 407.937.1537 • E83076

LAB NUMBER:

Page 1 of 1

CLIENT NAME: FDEP - SW District	PROJECT NAME: TMDL / SMP		
ADDRESS: 13051 N. Telecom Pkwy	P.O. NUMBER/PROJECT NUMBER:		
Tempe Terrace, FL 33637	PROJECT LOCATION: Florida		
PHONE: 813-470-5700	FAX: 813-470-5998		
CONTACT: Matthew Bearden Sarah Ernst	SAMPLED BY:		
TURN AROUND TIME: ☑ STANDARD ☐ RUSH	REMARKS/SPECIAL INSTRUCTIONS: PO AF315E		

Samples are ambient water and not suspected to contain chlorine

WW=waste water SW=surface water GW=ground water DW=drinking water D=di A=air SO=soil SL=sludge

Field ID	SITE NAME	Grab Comp	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. COUNT	Preserv	Ice, T	Sterile Plastic Bottle	Fecal Coliforms	E. coli						LAB NUMBER
							BOTTLE SIZE & TYPE										
							ANEAQLUYISRIESD										
RQ-2017-09-25-14 Date: 09-26-2017 Time: Field ID G1SW0006 STORET G1SW0006 Little Lake Wilson		Grab	9/26/17	1100	SW	1		ICE		1							
		Grab			SW												
		Grab			SW												
		Grab			SW												
		Grab			SW												
		Grab			SW												

Ice H=(HCl) S=(H_2SO_4) N=(HNO_3) T=(Sodium Thiosulfate)

Relinquish by:	Date	Time	Received by:	Date	Time
1 J. Ashworth	9-26-17	1223			
2					
3					
4					

Shipment Out: Ret: Method Via: Via: Sample Kit RD AB Trip Bl Cooler # D/T D/T

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

revised 1/12

RQ-2017-09-25-14

Date of Request: 22-AUG-2017
Created By: ASHTON_J On: 22-AUG-2017
Modified By: SWANSON_C On: 07-SEP-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: R
Criminal Investigation: NO
Chemistry Request Reviewed By: WATTS_J On: 05-SEP-2017
Biology Request Reviewed By: SWANSON_C On: 07-SEP-2017
Sampling Kit Required: YES Ship on: 11-SEP-2017
Sampling Kit Shipped: YES On: 07-SEP-2017
Sampling Kit Packed By: REYNOLDS_T
Preservatives Needed: NO
Date to Receive Samples: 26-SEP-2017
Received By: SHAIK_A On: 27-SEP-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 4 Samples:

Bottle Type: P-1L Number of Bottles: 4 Preserved With: ICE
- ALKALINITY Template: DEFAULT (SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO3/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: 4 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: 4 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: 4 Preserved With: ICE-FLTR
- W-PO4-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- 2017-09-25-14

Shipping Method: FedEx Exp

Date/Time of Receipt: 9-27-17/9:55

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	1.5°C	19		✓			

*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: [illegible]

**W-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes____ No____ NA ✓ Init: ____

Coolers Unpacked/Checked by: [illegible] Date: 9-27-17 NCRs (Y/N)? N

Event ID: RUN 7
WQAP-2017-09-27-02 (SMP)
Date Received: 27-SEP-2017 09:55

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:

01000 **FedEx Express** Package US Airbill FedEx Tracking Number 8113 0563 1520 Form ID No. 0215

19254

00.GoFedEx 1800.463.3339

1 From

Date 9/26/17 [redacted]

Sender's Name Phone

Company

Address Dept./Floor/Suite/Room

City State ZIP

2 Your Internal Billing Reference

3 To

Recipient's Name SAMPLE RECEIVING Phone 850 245-6085

Company CHEMISTRY SECTION

Address TONE RD 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.

Address

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

City TALLAHASSEE State FL ZIP 32399

0116430468

8113 0563 1520

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.
- [x] 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
- [x] 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.

- [x] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ___ x ___ kg

Restrictions apply for dangerous goods — see the current FedEx Service Guide.

- [ ] Cargo Aircraft Only

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.
- [x] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

[redacted]262[redacted]

Total Packages 1 Total Weight 50 lbs. [redacted] Credit Card Auth.

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

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