Request Number: RQ-2017-06-19-30

Run 4

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: WQAP

Project ID: SMP

Requester: Judy Ashton

Field Report Prepared By: Judy Ashton

Collected By: J. Ashton, L. Bacher

Sampling Agency: FDEP

Location		Comp / Grab	Collection (comp begin or grab)	Eastern / Central	Composite end	Bottle Group(s)
Field ID: RQ-2017-06-19-30, Date: 06/21/17, Time: — G5SW0126 (STORET / Field ID)		[X] Grab	Date 6-21-17 Time 1150	Eastern (circled)	Date / Time (struck through)	B (See pg 2)
STORET: McKay Creek		Matrix (type, e.g., Salt, Fresh, etc): Fresh (circled)	Diss. Oxygen: 5.4 [X] mg/L		Total Res. Chlorine (mg/L): (struck through)	
		Temp (C): 28.8	pH: 7.4	Sample Depth: 0.3 [X] m	Sp. Conductance (umho/cm): 447	
Latitude	dms	Salinity (ppt): 0.21	Comments: Dropped off E. Coli @ 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:	Date/Time
J. Ashton	6-21-17 1700	Fed Ex	1	ABB	6-22-17 | 1040

Group: A	Bottle Type:	P-1L	# of Bottles: 1	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: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	
	W-ICP W-ICPMS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 1	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: 1	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab	
	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		DUPLS ARE 2 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						

RQ-2017-06-19-30

Date of Request: 24-MAY-2017
Created By: ASHTON_J On: 24-MAY-2017
Modified By: MATTHEWS_D On: 06-JUN-2017
Customer: WQAP
Project: SMP
Division: Division of Environmental Assessment and Restoration
District:
Sampling Event: Run 4

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-JUN-2017
Biology Request Reviewed By: MATTHEWS_D On: 06-JUN-2017
Sampling Kit Required: YES Ship on: 09-JUN-2017
Sampling Kit Shipped: YES On: 12-JUN-2017
Sampling Kit Packed By: REYNOLDS_T
Preservatives Needed: NO
Date to Receive Samples: 21-JUN-2017
Received By: SHAIK_A On: 22-JUN-2017

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

Comments: Group A: Freshwater Kit With Metals

Bottle Group A (Water) With 1 Samples:

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

CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, phaeophytin and ratio by spectrophotometry

Bottle Type: P-500ML Number of Bottles: 1 Preserved With: HNO3

W-ICP	Template:	(EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects
Calcium		
Chromium		
Iron		
Magnesium		
Nickel		
Potassium		
Sodium		
Zinc		
W-ICPMS	Template:	(EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects
Arsenic		
Cadmium		
Copper		

Bottle Group A (Water) With 1 Samples:

Bottle Type: P-500ML	Number of Bottles: 1	Preserved With: HNO3	
W-ICPMS	Template:	(EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects	
Lead			
Silver			
Bottle Type: P-500ML	Number of Bottles: 1	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: 1	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	
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.

2017-06-19-29 : 13

RQ- 2017-06-19-30 : 3

Log-in Checklist

Shipping Method: FedEx

Date/Time of Receipt: 06-22-17 / 10:20

Cooler ID	Cooler Temperature*	No. Sample Containers in Cooler	Evidence Tape Present? Yes	Evidence Tape Present? No	*Intact? Yes	*Intact? No	Tracking # (fill out only if waybill copy is damaged)
Red	1.1C	16		✓			

*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)

Analysis	Yes	No	Analysis	Yes	No
Check the Box marked "Yes" or "No" for the Presence of Chlorine. If Cl detected, an NCR is required.					
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: APB

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

Coolers Unpacked/Checked by: APB **Date:** 6-22-17 **NCRs (Y/N)?** ✓

Event ID: Run 4
WQAP-2017-06-22-03 (SMP)
Date Received: 22-JUN-2017 10:20

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:

Advanced
Environmental Laboratories, Inc.
☐ 6981 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 • E84369
☐ 2190 NW 67th Place, Ste. 7 • Gainesville, FL 32653 • 352.337.1600 • Fax 352.337.0060 • E82620
☐ 920 S. North Lake Blvd., Ste. 1010 • Altamonte Springs, FL 32701 • 407.037.1594 • Fax 407.037.1597 • 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:	
	Temple Terrace, FL 33637	PROJECT LOCATION:	Florida
PHONE:	813-470-5700	FAX:	813-470-5956
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 O=oil A=air SO=soil SL=sludge

Field ID	SITE NAME	Grab Comp	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. COUNT	Preserv	Ice, T	BOTTLE SIZE & TYPE: Sterile Plastic Bottle							LAB NUMBER
									ARNEAQLUYISRIESD	Fecal Coliforms	E. coli					
RQ-2017-06-19-29 Date: 06/21/17 Time:	G5SW0039 ↓STORET Field ID ↑ G5SW0039 Klosterman N	Grab	6-21-17	1005	SW	1				1						
RQ-2017-06-19-29 Date: 06/21/17 Time:	G5SW0040 ↓STORET Field ID ↑ G5SW0040 Klosterman S	Grab	6-21-17	1025	SW	1				1						
RQ-2017-06-19-29 Date: 06/21/17 Time:	G5SW0118 ↓STORET Field ID ↑ G5SW0118 Pinellas Park Ditch #5	Grab	6-21-17	1120	SW	1				1						
RQ-2017-06-19-30 Date: 06/21/17 Time:	G5SW0126 ↓STORET Field ID ↑ G5SW0126 McKay Creek	Grab	6-21-17	1150	SW	1				1						

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

Shipment Out: _____ Rct: _____
Method Via: _____ Via: _____
Sample Kit RB _____ D/T _____ AB _____ D/T _____ Trip Bl _____
Cooler # _____

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

	Relinquish by:	Date	Time	Received by:	Date	Time
1	J. Ashton	6-21-17	1445		6/21/17	14:45
2						
3						
4						

revised 1/12

01000

fedex Express Package US Airbill

FedEx Tracking Number 8113 0562 6142

Form No. 0215

Recipient's Copy

1 From

Date 6-21-17

Sender's Name [redacted] Phone 813 470-5700

Company FDEP

Address 12051 N Telecom Pkwy Dept/Floor/Suite/Room

City Temple Terrace State 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 Dept/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 32399

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. ☐

0126430468

8113 0562 6142

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 ____ 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.

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

Obtain recip. Acct. No. ☐

[redacted]262

Total Packages 1 Total Weight 50 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.

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