

RUN 4

Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: WQAP

Requester: Judy Ashton

Field Report Prepared By: Judy Ashton

Project ID: SMP

Collected By: J. Ashton, L. BACOT

Sampling Agency: FDES

Location	RQ-2017-04-24-23 Date: 04-27-17 Time:	G5SW0126 Field ID STORET McKay Crk 65500126	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 4-27-17 Time 1200	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Field ID				Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 5.3	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
STORET #				Temp (C) 28.9	pH 7.4	Sample Depth 0.3	Sp. Conductance (umho/cm) 36722
Latitude			☐ dd ☐ dms	Salinity (ppt) 22.7	Comments: ENTERED DROPPED OFF 2 AEL		
Location	RQ-2017-04-24-23 Date: 04-27-17 Time:	G5SW0126 Field ID STORET McKay Crk- DUP 65500126	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 4-27-17 Time 1210	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	Sp. Conductance (umho/cm)
Latitude			☐ dd ☐ dms	Salinity (ppt)	Comments		
Location	RQ-2017-04-24-23 Date: 04-27-17 Time:	BLANK Field ID STORET BLANK	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 4-27-17 Time 1215	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	Sp. Conductance (umho/cm)
Latitude			☐ 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	Sp. Conductance (umho/cm)
Latitude			☐ dd ☐ dms	Salinity (ppt)	Comments		

Relinquished By: J. Ashton	Date/Time: 4-27-17 1700	Shipping Method: FDES	Number of Coolers Shipped: 2	Received By: SR	Date/Time: 4-28-17 19:55
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Group: A	Bottle Type:	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	3
	W-ICP W-ICPMS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	3
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 3	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab	3
	W-PO4-F						
Group: B	Bottle Type:	QPCR-P-250ML	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab	6
	PCR-FILTER						
Group: B	Bottle Type:	P-120ML-WC-THI	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
	SWD-AEL- EC EN <i>DROPPED NOT AEL</i>						
Group: B	Bottle Type:	BG-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
	W-AHERB-AA W-SUC-AA-R W-UHERB-AA						



Advanced
Environmental Laboratories, Inc.

6801 Southpoint Pkwy. • Jacksonville, FL 32216 • 904.363.9350 • Fax 904.363.9354 • E62574
9010 Princess Palm Ave. • Tampa, FL 33619 • 813.630.8616 • Fax 813.630.4327 • E64589
2106 NW 67th Place, Ste. 7 • Gainesville, FL 32606 • 352.367.1500 • Fax 352.367.0050 • E82620
528 S. North Lake Blvd., Ste. 1016 • Altamonte Springs, FL 32701 • 407.537.1594 • Fax 407.537.1597 • E53076

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:																	
Temple Terrace, FL 33637		PROJECT LOCATION: Florida																	
PHONE: 813-470-5700		FAX: 813-470-5996																	
CONTACT: Matthew Bearden Gorath-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=soil		SL=sediment					
Field ID		SITE NAME		Grab Comp		SAMPLING		MATRX		NO. COUNT		Preserv		Ice, T					
						DATE		TIME											
RQ-2017-04-24-23		G5SW0126		Grab		4-27-17		1200		SW		1							
Date: 04-27-17		Field ID																	
Time:		STORET																	
McKay Crk- SW		65SW0126		Grab						SW									
				Grab						SW									
				Grab						SW									
				Grab						SW									
				Grab						SW									
				Grab						SW									
				Grab						SW									

H=HCl		S=(H ₂ SO ₄)		N=(HNO ₃)		T=(Sodium Thiosulfate)				Relinquish by:		Date		Time		Received by:		Date		Time	
Shipment		Method		Sample Kit		Cooler #				1		4/27/17		1400		JL		4/27/17		14:00	
Out:		Via:		RB		D/T				2											
Ret:		Via:		AB		D/T				3											
				Trip BL						4											

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

Printed: 4/28/2017 11:42:39 AM

Page 1 of 2

Date of Request: 27-MAR-2017
 Created By: ASHTON_J On: 27-MAR-2017
 Modified By: MATTHEWS_D On: 06-APR-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

Program Module Number:
 Priority: 3
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 03-APR-2017
 Biology Request Reviewed By: MATTHEWS_D On: 06-APR-2017
 Sampling Kit Required: YES Ship on: 11-APR-2017
 Sampling Kit Shipped: YES On: 13-APR-2017
 Sampling Kit Packed By: REAVES_S
 Preservatives Needed: NO
 Date to Receive Samples: 24-APR-2017
 Received By:

Send Final Report To:

13051 N. Telecom Parkway

 Tampa, FL 33637
 Attn: Judy Ashton

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 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-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: 3	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: 3	Preserved With: HNO ₃
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 3 Samples:

Bottle Type: P-500ML	Number of Bottles: 3	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: 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: 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 3 Samples:

Bottle Type: QPCR-P-250ML	Number of Bottles: 6	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: 3	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: 3	Preserved With: ICE
W-AHERB-AA	Template: SFWMD	(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.

2017-04-24-22(1)
Log-in Checklist
 RQ-2017-04-24-23(18)

Shipping Method: Fedex

Date/Time of Receipt: 4-28-17/955

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	1.6	13		☒	☒		
Red	1.9	86		☒	☒		

*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 6 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: 4-28-17

NCRs (Y/N)? N

Event ID: SE WQAP-2017-04-28-03

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:

4-27-17
Phone 813 470-5700
FDEP SWROC
13051 N. Telecom Pkwy
Temple Terrace State FL ZIP 33637
Internal Billing Reference

Client's Name: SAMPLE RECEIVING Phone: 850 245-8085
Address: FLORIDA DEP/CHEMISTRY SECTION
2600 BLAIRSTONE RD
TALLAHASSEE State FL ZIP 32399
0126430468



8113 0562 4850

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
☒ FedEx Priority Overnight
☐ FedEx Standard Overnight

2 or 3 Business Days
☐ FedEx 2Day A.M.
☐ FedEx 2Day
☐ FedEx Express Saver

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
☐ No Signature Required
☐ Direct Signature
☐ Indirect Signature
Does this shipment contain dangerous goods?
☒ No ☐ Yes
Restrictions apply for dangerous goods — see the current FedEx Service Guide.

7 Payment Bill to:
Sender ☐ Recipient ☒ Third Party ☐ Credit Card ☐ Cash/Check
Total Packages 1 Total Weight 50 lbs.
Our liability is limited to US\$100 unless you declare a higher value. See the current FedEx Service Guide for details.

FedEx.com 1800.GoFedEx 1800.463.3339

4-27-17
Phone 813 470-5700
FDEP SWROC
13051 N. Telecom Pkwy
Temple Terrace State FL ZIP 33637
Internal Billing Reference

Client's Name: SAMPLE RECEIVING Phone: 850 245-8085
Address: FLORIDA DEP/CHEMISTRY SECTION
2600 BLAIRSTONE RD
TALLAHASSEE State FL ZIP 32399
0126430468



8113 0562 4849

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
☒ FedEx Priority Overnight
☐ FedEx Standard Overnight

2 or 3 Business Days
☐ FedEx 2Day A.M.
☐ FedEx 2Day
☐ FedEx Express Saver

5 Packaging *Declared value limit \$500.
☐ FedEx Envelope* ☐ FedEx Pak* ☐ FedEx Box ☐ FedEx Tube ☒ Other

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

7 Payment Bill to:
Sender ☐ Recipient ☒ Third Party ☐ Credit Card ☐ Cash/Check
Total Packages 1 Total Weight 50 lbs.
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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