

RUN 15

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. Bachtel

Sampling Agency:

FDEP

Location	RQ-2017-04-24-20		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>4-26-17</u> Time <u>0930</u>	<u>Eastern</u> Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)	
Field ID	Date: 04-26-17 Time:	G2SW0030 Field ID STORET	Matrix (type, e.g., Salt, <u>Fresh</u> , etc)	Diss. Oxygen <u>2.15</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A/B	
STORET #	Gap Crk		Temp (C) <u>24.4</u>	pH <u>6.8</u>	Sample Depth <u>0.3</u>	Sp. Conductance (umho/cm) <u>28406</u>		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) <u>17.5</u>	Comments <u>E. COLI DROPPES W/ 2 ALL</u>			
Location	RQ-2017-04-24-20		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>4-26-17</u> Time <u>1000</u>	<u>Eastern</u> Central	Composite end Date _____ Time _____	Bottle Group(s)	
Field ID	Date: 04-26-17 Time:	G2SW0031 Field ID STORET	Matrix (type, e.g., Salt, <u>Fresh</u> , etc)	Diss. Oxygen <u>7.5</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A/B	
STORET #	Wares Crk (Fresh)		Temp (C) <u>23.7</u>	pH <u>7.9</u>	Sample Depth <u>0.3</u>	Sp. Conductance (umho/cm) <u>755</u>		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) <u>0.37</u>	Comments <u>Lots of Algae E. COLI DROPPES W/ 2 ALL</u>			
Location	RQ-2017-04-24-20		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>4-26-17</u> Time <u>1240</u>	<u>Eastern</u> Central	Composite end Date _____ Time _____	Bottle Group(s)	
Field ID	Date: 04-26-17 Time:	G2SW0023 Field ID STORET	Matrix (type, e.g., Salt, <u>Fresh</u> , etc)	Diss. Oxygen <u>8.7</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A/B	
STORET #	Little Manatee River		Temp (C) <u>20.6</u>	pH <u>8.3</u>	Sample Depth _____	Sp. Conductance (umho/cm) <u>242</u>		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) <u>0.11</u>	Comments <u>E. COLI DROPPES W/ 2 ALL</u>			
Location	RQ-2017-04-24-20		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>4-26-17</u> Time <u>1450</u>	<u>Eastern</u> Central	Composite end Date _____ Time _____	Bottle Group(s)	
Field ID	Date: 04-26-17 Time:	G2SW0032 Field ID STORET	Matrix (type, e.g., Salt, <u>Fresh</u> , etc)	Diss. Oxygen <u>10.9</u>	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A/B	
STORET #	Rice Crk		Temp (C) <u>24.0</u>	pH <u>7.9</u>	Sample Depth <u>0.2</u>	Sp. Conductance (umho/cm) <u>345</u>		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) <u>0.16</u>	Comments			

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
<u>J. Ashton</u>	<u>4-26-17 1700</u>	<u>Fed Ex</u>		<u>ABD</u>	<u>4-27-17 11025</u>

Group: A	Bottle Type:	P-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>3</u>
	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	<u>3</u>
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 4	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	<u>3</u>
	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	<u>3</u>
	W-PO4-F						
Group: B	Bottle Type:	QPCR-P-250ML	# of Bottles: 8	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>6</u>
	PCR-FILTER						
Group: B	Bottle Type:	P-120ML-WC-THI	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>Ø</u>
	SWD-AEL-EC						
							<i>DROPPED AT 2 AEL</i>
Group: B	Bottle Type:	BG-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>3</u>
	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 • E82574
9610 Princess Palm Ave. • Tampa, FL 33619 • 813.630.9816 • Fax 813.630.4327 • E84588
2106 NW 67th Place, Ste. 7 • Gainesville, FL 32608 • 352.357.1500 • Fax 352.357.0050 • E82620
528 S. North Lake Blvd., Ste. 1016 • Altamonte Springs, FL 32701 • 407.937.1584 • Fax 407.937.1597 • E83076

LAB NUMBER:

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CLIENT NAME: FDEP - SW District		PROJECT NAME: TMDL / SMP		BOTTLE SIZE & TYPE		Sterile Plastic Bottle														L A B N U M B E R	
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 Boarden Garah 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 Oil Analr SO=soil BL=sludge																					
Field ID		SITE NAME		Grab Comp		SAMPLING		MATRIX		NO. COUNT		Preserv		Ice, T							
						DATE TIME															
RQ-2017-04-24-20 Date: 04-26-17 Time: 0930 <i>Gap Crk</i>		G2SW0030 Field ID STORET 62500030		Grab 		4-26-17 0930		SW		1											
RQ-2017-04-24-20 Date: 04-26-17 Time: 1000 <i>Wares Crk (Fresh)</i>		G2SW0031 Field ID STORET 62500031		Grab 		4-26-17 1000		SW		1											
RQ-2017-04-24-20 Date: 04-26-17 Time: 1240 <i>Little Manatee River</i>		G2SW0023 Field ID STORET 62500023		Grab 		4-26-17 1240		SW		1											
RQ-2017-04-24-20 Date: 04-26-17 Time: 1450 <i>Rice Crk</i>		G2SW0032 Field ID STORET 62500032		Grab 		4-26-17 1450		SW		1											

H=ce H=(HCl) S=(H ₂ SO ₄) N=(HNO ₃) T=(Sodium Thiosulfate)		Sample Kit		Cooler #		Relinquish by: <u>4/26/17</u> Date <u>4-26-17</u> Time <u>1530</u>		Received by: <u>[Signature]</u> Date <u>4/26</u> Time <u>15:32</u>	
Shipment		Method		RB		D/T			
Out:		Via:		AB		D/T			
Ret:		Via:		Trip Bl.					

Received on to

☐ Yes ☐ No

QC ☐ sent

☐ received

revised 1/12

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 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: 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: 26-APR-2017
 Received By: SHAIK_A On: 27-APR-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 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: 4	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: 4	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: 4	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 4 Samples:

Bottle Type: QPCR-P-250ML	Number of Bottles: 8	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: 4	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: 4	Preserved With: ICE

Bottle Group B (Water) With 4 Samples:

Bottle Type: BG-1L	Number of Bottles: 4	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.

Log-in Checklist

RQ- 2017-04-24-20

Shipping Method: Fed Exp

Date/Time of Receipt: 04-27-17/10:25

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	2.6C	14		✓			8113 0562 4827
Red	1.7C	11		✓			8113 0562 4826

*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: ADP

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

Coolers Unpacked/Checked by: ADP Date: 4-27-17 NCRs (Y/N)?

Event ID: RUN 15
WQAP-2017-04-27-06 (SMP)
Date Received: 27-APR-2017 10:25
 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: