Request Number: RQ-2017-07-17-27

RUN 15

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, L. Bachzee

Field Report Prepared By: J. Ashton

Sampling Agency: FSEP

Location RQ-2017-07-17-27 Date: 07/17/17 Time: Lil Manatee R

Field ID

STORET #

Latitude ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 7/17/17 Time 0920 Eastern Central | Composite end Date Time | Bottle Group(s) (See pg 2) B/C

Matrix (type, e.g., Salt, Fresh, etc)

Diss. Oxygen 6.0 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 26.7 | pH 6.3 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 171

☐ dd ☐ dms

Salinity (ppt) 0.08

Comments: DROPPED OFF E.COLI @ AEL

Location RQ-2017-07-17-27 Date: 07/17/17 Time: Gap Creek

Field ID

STORET

Latitude ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 7/17/17 Time 1015 Eastern Central | Composite end Date Time | Bottle Group(s) A/B/C

Matrix (type, e.g., Salt, Fresh, etc)

Diss. Oxygen 4.6 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 28.3 | pH 6.7 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 550

☐ dd ☐ dms

Salinity (ppt) 0.26

Comments: DROPPED OFF E. COLI @ AEL

Location RQ-2017-07-17-27 Date: 07/17/17 Time: Wares Fresh

Field ID

STORET

Latitude ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 7/17/17 Time 1105 Eastern Central | Composite end Date Time | Bottle Group(s) A/B/C

Matrix (type, e.g., Salt, Fresh, etc)

Diss. Oxygen 13.3 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 30.3 | pH 7.4 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 586

☐ dd ☐ dms

Salinity (ppt) 0.28

Comments: DROPPED OFF E.COLI @ AEL

Location RQ-2017-07-17-27 Date: 07/17/17 Time: Rice Creek

Field ID

STORE

Latitude ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 7/17/17 Time 1305 Eastern Central | Composite end Date Time | Bottle Group(s) A/B/C

Matrix (type, e.g., Salt, Fresh, etc)

Diss. Oxygen 8.0 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 26.5 | pH 7.7 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 277

☐ dd ☐ dms

Salinity (ppt) 0.13

Comments: DROPPED OFF E.COLI @ AEL

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
J. Ashton	7-17-17 1700	FSS Ex	2	[illegible]	7-18-17 9:45

Group: A	Bottle Type:	P-1L	# of Bottles: 4	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: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
	CHLSUITE-W						
Group: A	Bottle Type:	P-120ML-WC-THI	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
	SWD-AEL-EC	SWD-AEL-EC					
Group: A	Bottle Type:	P-500ML	# of Bottles: 4	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: 4	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab	3
	W-PO4-F						
Group: B	Bottle Type:	QPCR-P-250ML	# of Bottles: 10	Preservative:	ICE	Enter Number of Bottles Sent to Lab	8
	PCR-FILTER						
Group: B	Bottle Type:	BG-1L	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	W-AHERB-AA W-SUC-AA-R W-UHERB-AA						
Group: C	Bottle Type:	QPCR-P-250ML	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab	6
	PCR-HF183						

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 • E84589
2100 NW 67th Place, Ste. 7 • Gainesville, FL 32606 • 352.337.1500 • Fax 352.337.0050 • E82626
928 S. North Lake Blvd., Ste. 1015 • Altamonte Springs, FL 32701 • 407.937.1594 • Fax 407.937.1527 • E83079

LAB NUMBER:

CLIENT NAME: FDEP - SW District	PROJECT NAME: TMDL / SMP
ADDRESS: 13051 N. Telecom Pkwy	P.O. NUMBER/PROJECT NUMBER:
Tampa Terrace, FL 33637	PROJECT LOCATION: Florida
PHONE: 813-470-5700	FAX: 813-470-5996
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 CO=coal SL=sludge

Field ID / SITE NAME	Grab Comp	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. COUNT	Preserv	Ice, T	BOTTLE SIZE & TYPE: Sterile Plastic Bottle	Fecal Coliforms	E. Coli	Entero	LAB NUMBER
RQ-2017-07-17-27 Date: 07/17/17 Time: Lil Manatee R. G2SW0023 (STORET Field ID) G2SW0023	Grab	7/17/17	0920	SW	1					1		
RQ-2017-07-17-27 Date: 07/17/17 Time: Gap Creek G2SW0030 (STORET Field ID) G2SW0030	Grab	7/17/17	1015	SW	1					1		
	Grab			SW								
RQ-2017-07-17-27 Date: 07/17/17 Time: Wares Fresh G2SW0031 (STORET Field ID) G2SW0031	Grab	7/17/17	1105	SW	1					1		
RQ-2017-07-17-26 Date: 07/17/17 Time: Wares Tidal G2SW0029 (STORET Field ID) G2SW0029	Grab		(D) 4	SW								
	Grab	7/17/17	1125	SW	1						1	

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

Relinquish by:	Date	Time	Received by:	Date	Time
1 L. Bachler	7/17/17	1340		7/17/17	1340
2					
3					
4					

Shipment Out: Ret: Method Via: Via: Sample Kit RB D/T AB D/T Trip BL Cooler #

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

revised 1/12

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928 S. North Lake Blvd., Ste. 1016 • Altamonte Springs, FL 32701 • 407.937.1594 • Fax 407.937.1597 • E83070

LAB NUMBER:

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: 813-470-5996
CONTACT: Matthew Bearden ~~Sarah Smith~~	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	A R N E A Q L U Y I S R I E S D	LAB NUMBER
RQ-2017-07-17-26 Date: 07/17/17 Time:	G1SW0056 ↓STORET Field ID ↑ G1SW0056 Sims Branch	Grab	7/17/17	1230	SW	1			1 Fecal Coliforms	E. Coli	Entero 1
		Grab			SW						
RQ-2017-07-17-27 Date: 07/17/17 Time:	G2SW0033 ↓STORET Field ID ↑ G2SW0033 Rice Creek	Grab	7/17/17	1305	SW	1				1	
		Grab			SW						
		Grab			SW						
		Grab			SW						

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

Shipment Out: _____ Ret: _____ Method Via: _____ Via: _____

Sample Kit RB _____ D/T _____ AB _____ D/T _____ Trip Bl. Cooler # _____

	Relinquish by:	Date	Time	Received by:	Date	Time
1	L Bachur	7/17/17	1340		7/17/17	1340
2						
3						
4						

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

revised 1/12

RQ-2017-07-17-27

Date of Request: 22-JUN-2017
Created By: ASHTON_J On: 22-JUN-2017
Modified By: WATTS_J On: 27-JUN-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: 27-JUN-2017
Biology Request Reviewed By: WATTS_J On: 27-JUN-2017
Sampling Kit Required: YES Ship on: 28-JUN-2017
Sampling Kit Shipped: YES On: 28-JUN-2017
Sampling Kit Packed By: GREENWOO_J
Preservatives Needed: NO
Date to Receive Samples: 17-JUL-2017
Received By: SHAIK_A On: 18-JUL-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:	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry	
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: 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 5 Samples:

Bottle Type: QPCR-P-250ML		Number of Bottles: 10	Preserved With: ICE
PCR-FILTER	Template: DEFAULT	(SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis	
Bottle Type: BG-1L		Number of Bottles: 5	Preserved With: ICE

Bottle Group B (Water) With 5 Samples:

Bottle Type: BG-1L Number of Bottles: 5 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

Bottle Group C (Water) With 3 Samples:

Bottle Type: QPCR-P-250ML Number of Bottles: 6 Preserved With: ICE

PCR-HF183	Template: DEFAULT	(SOP-PCR-1.0) Detection and quantification of human-specific HF183 Bacteroides genetic marker with quantitative polymerase chain reaction

* - The laboratory is not NELAP certified for this analyte/method, or certification is not applicable.

Log-in Checklist

RQ-2017-07-17-27

Shipping Method: Fed Ex

Date/Time of Receipt: 07-18-17 9:45

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	1.9C	15		✓			8115 9551 6407
Red	1.4C	15		✓			6521

*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: ARB

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

Coolers Unpacked/Checked by: ARB Date: 7-18-17 NCRs (Y/N)? —

Event ID: RUN 15 WQAP-2017-07-18-02 (SMP) Date Received: 18-JUL-2017 09:45 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: