

RUN 11

Customer: WQAP

Project ID: SMP

Requester: Judy Ashton

Field Report Prepared By: S Meyer

Collected By: J Ashton & S Meyer

Sampling Agency: FDEP SW ROC

RQ-2017-07-10-21 Date: 07-10-2017 Time:		G5SW0054 Field ID STORET 		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>07/10/2017</u> Time <u>1045</u>	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)
Bishop Tidal				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen <u>7.3</u> ☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L) _____
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Temp (C) <u>28.6</u>	pH <u>7.3</u>	Sample Depth <u>0.2</u> ☐ ft ☒ m	Sp. Conductance (umho/cm) <u>941</u>	A/B/C D
				Salinity (ppt) <u>0.46</u>		Comments: <u>Entero dropped off @ AEL</u>		
RQ-2017-07-10-21 Date: 07-10-2017 Time:		G5SW0128 Field ID STORET 		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>07/10/2017</u> Time <u>1125</u>	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)
Cedar Tidal				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen <u>1.3</u> ☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L) _____
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Temp (C) <u>29.6</u>	pH <u>7.2</u>	Sample Depth <u>0.3</u> ☐ ft ☒ m	Sp. Conductance (umho/cm) <u>31906</u>	A/B/C D
				Salinity (ppt) <u>19.8</u>		Comments: <u>Entero dropped off @ AEL</u>		
RQ-2017-07-10-21 Date: 07-10-2017 Time:		G5SW0035 Field ID STORET 		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>07/10/2017</u> Time <u>1305</u>	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)
Klosterman				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen <u>4.0</u> ☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L) _____
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Temp (C) <u>32.2</u>	pH <u>7.6</u>	Sample Depth <u>0.3</u> ☐ ft ☒ m	Sp. Conductance (umho/cm) <u>40690</u>	A/B/E
				Salinity (ppt) <u>25.8</u>		Comments: <u>Entero dropped off @ AEL</u>		
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: <u>Sarah Meyer</u>	Date/Time: <u>1630</u> <u>07/10/2017</u>	Shipping Method: <u>FedEx</u>	Number of Coolers Shipped: <u>2</u>	Received By: <u>ABP</u>	Date/Time: <u>7-11-17/10:05</u>
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Suite "D" site received ABP 7-11-17 AM 11:40 look 7 sites open
 Suite "D" site not received ABP 7-11-17 @ 12:20 7/11/17

Group: A	Bottle Type:	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
	ALKALINITY TURBIDITY W-F 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:	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	3
	SE-AEL-EN *Dropped off @ AEL						
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						
Group: C	Bottle Type:	QPCR-P-250ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	PCR-HF183						
Group: D	Bottle Type:	QPCR-P-250ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	PCR-GULL2						
Group: E	Bottle Type:	QPCR-P-250ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	PCR-GFD						



Advanced
Environmental Laboratories, Inc.
6031 Southpoint Pkwy., Jacksonville, FL 32216 • 904.303.0350 • Fax 904.303.0354 • 002574
1010 Princess Palm Ave., Tampa, FL 33610 • 813.633.9018 • Fax 813.633.4327 • 024509
2150 NW 67th Place, Gta. 7 • Gainesville, FL 32606 • 352.367.1500 • Fax 352.337.0059 • 022020
628 S. North Lake Blvd., Gta. 1010 • Altamonte Springs, FL 32701 • 407.537.1534 • Fax 407.537.1577 • 033070

LAB NUMBER:

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CLIENT NAME: FDEP - SW District		PROJECT NAME: TMDL / SMP		BOTTLE SIZE & TYPE		Clarified Plastic Bottle														LAB NUMBER	
ADDRESS: 13051 N. Telecom Pkwy		P.O. NUMBER/PROJECT NUMBER:		PROJECT LOCATION: Florida		FAX: 813-470-5968		SAILED BY: J Ashton + S Meyer		REMARKS/SPECIAL INSTRUCTIONS:											
PHONE: 813-470-5700																					
CONTACT: Matthew Boarden		TURN AROUND TIME:																			
☒ STANDARD																					
☐ RUSH																					
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=sol		SL=sediment							
RQ-2017-07-10-22		Date: 07-10-2017		Time:		Grab Comp		SAMPLING		MATRIX		ID COUNT		Preserv		Inc, T					
								DATE		TIME											
								07/10/2017		10 05		SW		1							
								07/10/2017		10 45		SW		1							
								07/10/2017		11 25		SW		1							
								07/10/2017		12 40		SW		1							
								07/10/2017		13 05		SW		1							

Received on 10/10/17 Yes No AC sent received

revised 1/12

Date of Request: 13-JUN-2017
 Created By: ASHTON_J On: 13-JUN-2017
 Modified By: MATTHEWS_D On: 22-JUN-2017
 Customer: WQAP
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District:
 Sampling Event: RUN 11

Send Coolers To:

Phone: 813-470-5772
 13051 N. Telecome 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: 20-JUN-2017
 Biology Request Reviewed By: MATTHEWS_D On: 22-JUN-2017
 Sampling Kit Required: YES Ship on: 22-JUN-2017
 Sampling Kit Shipped: YES On: 22-JUN-2017
 Sampling Kit Packed By: SHAIK_A
 Preservatives Needed: NO
 Date to Receive Samples: 10-JUL-2017
 Received By: SHAIK_A On: 11-JUL-2017

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

Comments: Group A: Marine Kit, No Metals

Send 2 extra coolers

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-F	Template: DEFAULT	(SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
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:	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type: P-500ML	Number of Bottles: 3	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: 3	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 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
SE-AEL-EN	Template: DEFAULT	(EPA 1600) Enterococci by membrane filter method by Advanced Environmental Miami Overflow Laboratories for SED
Bottle Type: BG-1L	Number of Bottles: 3	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 2 Samples:

Bottle Type: QPCR-P-250ML Number of Bottles: 4 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

Bottle Group D (Water) With 1 Samples:

Bottle Type: QPCR-P-250ML Number of Bottles: 2 Preserved With: ICE
PCR-GULL2 Template: DEFAULT (SOP-PCR-1.2) Detection and quantification of coastal bird specific Catellicoccus marimammalium
Gull2 genetic marker with quantitative polymerase chain reaction

Bottle Group E (Water) With 1 Samples:

Bottle Type: QPCR-P-250ML Number of Bottles: 2 Preserved With: ICE
PCR-GFD Template: DEFAULT (SOP-PCR-1.3) Detection and quantification of bird specific Helicobacter GFD 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- 2017-07-10-21

Shipping Method: FedEx

Date/Time of Receipt: 07-11-17/10:05

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	2.1c	13		✓			8113 0563 2788
Red	1.4c	12		✓			8113 0563 2619

*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: AR

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

Coolers Unpacked/Checked by: AR Date: 7-11-17 NCRs (Y/N)?

Event ID: RUN 11 NCR #

WQAP-2017-07-11-03 (SMP)

Date Received: 11-JUL-2017 10:05

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: