

Request Number: RQ-2017-04-10-21

Florida Department of Environmental Protection

RUN 10

Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: WQAP

Requester: Judy Ashton

Field Report Prepared By:

Laurie Bachler

Project ID: SMP

Collected By: Judy Ashton / Laurie Bachler

Sampling Agency:

FDEP

Location		☐ Comp	Collection (comp begin or grab)	☒ Grab	Date 4-11-17	Time 0945	☒ Eastern	Composite end		Bottle Group(s)
Field ID	RQ-2017-04-10-21 Date: 04/11/17 Time:	Matrix (type, e.g., Salt/Fresh, etc)		Diss. Oxygen		☒ mg/L		Total Res. Chlorine		A/B.
STORE	Clam Bayou	Temp (C) 21.0		pH 7.0		☒ % sat		(mg/L)		
Latitude		Salinity (ppt) 0.28		Sample Depth 0.3		☒ ft		Sp. Conductance (umho/cm) 581		
		Comments		Enterobacter dropped off at AEL lab						

Location		☐ Comp	Collection (comp begin or grab)	☒ Grab	Date 4-11-17	Time 1035	☒ Eastern	Composite end		Bottle Group(s)
Field ID	RQ-2017-04-10-21 Date: 04/11/17 Time:	Matrix (type, e.g., Salt/Fresh, etc)		Diss. Oxygen		☒ mg/L		Total Res. Chlorine		A/B.
STORE	PP Ditch#1	Temp (C) 24.8		pH 7.2		☒ % sat		(mg/L)		
Latitude		Salinity (ppt) 12.2		Sample Depth 0.3		☒ ft		Sp. Conductance (umho/cm) 20079		
		Comments		Flow undetectable, impoundment upstream / Enterobacter dropped off at AEL lab						

Location		☐ Comp	Collection (comp begin or grab)	☒ Grab	Date 4-11-17	Time 1125	☒ Eastern	Composite end		Bottle Group(s)
Field ID	RQ-2017-04-10-21 Date: 04/11/17 Time:	Matrix (type, e.g., Salt/Fresh, etc)		Diss. Oxygen		☒ mg/L		Total Res. Chlorine		B.
STORE	McKay Tidal	Temp (C) 25.07		pH 7.4		☒ % sat		(mg/L)		
Latitude		Salinity (ppt) 29.4		Sample Depth 0.3		☒ ft		Sp. Conductance (umho/cm) 45386		
		Comments		Enterobacter dropped off at AEL lab						

Location		☐ Comp	Collection (comp begin or grab)	☒ Grab	Date 4-11-17	Time 1330	☒ Eastern	Composite end		Bottle Group(s)
Field ID	RQ-2017-04-10-21 Date: 04/11/17 Time:	Matrix (type, e.g., Salt/Fresh, etc)		Diss. Oxygen		☒ mg/L		Total Res. Chlorine		A/B.
STORE #	Mullet Tidal	Temp (C) 26.3		pH 7.7		☒ % sat		(mg/L)		
Latitude		Salinity (ppt) 24.3		Sample Depth 0.3		☒ ft		Sp. Conductance (umho/cm) 38357		
		Comments		Enterobacter dropped off at AEL lab						

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Laurie Bachler	4-11-17 / 1530	FedEx	2	ABF	4-12-17 / 9:50

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: 8	Preservative:	ICE	Enter Number of Bottles Sent to Lab	10
	PCR-FILTER						
Group: B	Bottle Type:	P-120ML-WC-THI	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
	SWD-AEL-EN				DROPPES OFF @ AEL		
Group: B	Bottle Type:	BG-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	5
	W-AHERB-AA						
	W-SUC-AA-R						
	W-UHERB-AA						

GROUP C SWD-AEL-EC 120ML

BOTTLES SHIPPED
DROPPES OFF @ AEL

0

Central Laboratory Submittal Form

Customer: WQAP

Requester: Judy Ashton

Field Report Prepared By:

Project ID: SMP

Collected By:

Sampling Agency:

Location		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 4-11-17 Time 1405		☒ Eastern ☐ Central		Composite end Date Time		Bottle Group(s) (See pg 2)	
Field ID RQ-2017-04-10-21 Date: 04/11/17 Time: Alligator Crk @ OldCoachman		Barcode G1SW0062 ↓ STORET Field ID ↑ 61500002		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 9.1		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)	
STORET #		Temp (C) 23.5		pH 7.8		Sample Depth 0.3		☐ ft ☒ m		Sp. Conductance (umho/cm) 555	
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Salinity (ppt) 0.77		Comments E. coli dropped off at AEL lab	

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: AEG	Date/Time 4-12-17/9-50
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Group: A	Bottle Type:	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	ALKALINITY					
	TURBIDITY					
	W-F					
	W-TSS					
Group: A	Bottle Type:	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: A	Bottle Type:	P-500ML	# of Bottles: 3	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: 3	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab _____
	W-PO4-F					
Group: B	Bottle Type:	QPCR-P-250ML	# of Bottles: 8	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	PCR-FILTER					
Group: B	Bottle Type:	P-120ML-WC-THI	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	SWD-AEL-EN					
Group: B	Bottle Type:	BG-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	W-AHERB-AA					
	W-SUC-AA-R					
	W-UHERB-AA					



Advanced
Environmental Laboratories, Inc.

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9610 Princess Palm Ave. • Tampa, FL 33619 • 813.630.9616 • Fax 813.630.4327 • E84589
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528 S. North Lake Blvd., Ste. 1016 • Altamonte Springs, FL 32701 • 407.637.1594 • Fax 407.937.1597 • E53076

LAB NUMBER:

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CLIENT NAME		PROJECT NAME		BOTTLE SIZE & TYPE		Sterile Plastic Bottle												L A B N U M B E R	
ADDRESS:		P.O. NUMBER/PROJECT NUMBER		PROJECT LOCATION:		A R													
PHONE:		FAX:		SAMPLER BY:		N E													
CONTACT:		REMARKS/SPECIAL INSTRUCTIONS:		A O		L U													
TURN AROUND TIME:		PO E84589		Y I		S R													
STANDARD				I E		S D													
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=soil		SL=sediment					
Field ID		SITE NAME		Grab Comp		SAMPLING		MATRIX		NO. COUNT		Preserv		Ice, T					
						DATE		TIME											
RQ-2017-04-10-21 Date: 04/11/17 Time:		G5SW0135 ↓STORET Field ID ↑ Clam Bayou		Grab		4/11/17 0945		(SW)											
				Grab				SW											
RQ-2017-04-10-21 Date: 04/11/17 Time:		G5SW0134 ↓STORET Field ID ↑ PP Ditch#1		Grab		4/11/17 1035		(SW)											
				Grab				SW											
RQ-2017-04-10-21 Date: 04/11/17 Time:		G5SW0130 ↓STORET Field ID ↑ McKay Tidal		Grab		4/11/17 1125		(SW)		1									
				Grab				SW											

H=ice H=(HCl) S=(H ₂ SO ₄) N=(HNO ₃) T=(Sodium Thiosulfate)		Method		Sample Kit		Cooler #		Relinquish by:		Date		Time		Received by:		Date		Time	
Shipment		Via:		RB		D/T		1		4-11-17		1456		202		4/11/17		1456	
Out:		Via:		AB		D/T		2											
Ret:		Via:		Trip BL				3											
								4											

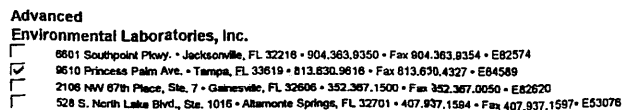
Received on IC

☐ Yes ☐ No

QC ☐ sent

☐ received

revised 1/12

Page 2 of 2

Received on 1c ☐ Yes ☐ No ☒ QC ☐ sent ☐ received

revised 1/12

Date of Request: 15-MAR-2017
 Created By: ASHTON_J On: 15-MAR-2017
 Modified By: MATTHEWS_D On: 23-MAR-2017
 Customer: WQAP
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District:
 Sampling Event: RUN 10

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: 23-MAR-2017

Biology Request Reviewed By: MATTHEWS_D On: 23-MAR-2017

Sampling Kit Required: YES Ship on: 28-MAR-2017

Sampling Kit Shipped: YES On: 28-MAR-2017

Sampling Kit Packed By: GREENWOO_J

Preservatives Needed: NO

Date to Receive Samples: 11-APR-2017

Received By: SHAIK_A On: 12-APR-2017

Report Type: Final Only

FTP Data: NO

QC Report: YES

Date Log: NO

Authorization Log: NO

Comments: Group A: Marine Kit, No 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-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: 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: 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 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-EN	Template: DEFAULT	(SM 9230 C) Enterococci by membrane filter method by Advanced Environmental Overflow Laboratories for SWD
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

Log-in Checklist

RQ- 2017-04-10-21

Shipping Method: FedEx

Date/Time of Receipt: 4-12-17/9:50

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	
Reef	1.1C	14		☒			8111 7111 3523
Reef	2.4C	12		☒			8113 0562 8513

*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: ABP J.A

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

Coolers Unpacked/Checked by: ABP Date: 4-12-17 NCRs (Y/N)?

Event ID: RUN 10
WQAP-2017-04-12-04 (SMP)
Date Received: 12-APR-2017 09:50

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: