

Request Number: RQ-2017-03-27-45

Florida Department of Environmental Protection

1 of 4

Page 1 of 3

Klosterman & Moccasin 2017-03-27-64

Central Laboratory Submittal Form

last revised Apr 7, 2016

+ RUN 17

Customer: WQAP

Project ID: SMP

Requester: Judy Ashton

Field Report Prepared By: Judy Ashton

Collected By: JUDY ASHTON, LAURIE BACHLER

Sampling Agency: FDEP

Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 3-28-17 Time 1015 Eastern Central		Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)
Field ID	RQ-2017-03-27-64 Date: 03/28/17 Time: _____	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 8.2	Total Res. Chlorine (mg/L)	A/C B
STORET #	G5SW0039 KLOSTERMAN 655U0039	Temp (C) 24.5	pH 8.0	Sample Depth 0.3	Sp. Conductance (umho/cm) 8824	
Latitude		☐ dd ☐ dms	Salinity (ppt) 4.92	Comments		
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 3-28-17 Time 1020 Eastern Central		Composite end Date _____ Time _____	Bottle Group(s)
Field ID	RQ-2017-03-27-64 Date: 03/28/17 Time: _____	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 8.2	Total Res. Chlorine (mg/L)	C
STORET #	G5SW0039 KLOSTERMAN 655U0039	Temp (C) 24.5	pH 8.0	Sample Depth 0.3	Sp. Conductance (umho/cm) 8824	
Latitude		☐ dd ☐ dms	Salinity (ppt) 4.92	Comments E. COLI DROPPES ON 2 AEL		
Location		☐ Comp ☐ Grab	Collection (comp begin or grab) Date 3-28-17 Time 1030 Eastern Central		Composite end Date _____ Time _____	Bottle Group(s)
Field ID	RQ-2017-03-27-64 Date: 03/28/17 Time: _____	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	Total Res. Chlorine (mg/L)	C
STORET #	BLANK BLANK 655U0039	Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)	
Latitude		☐ dd ☐ dms	Salinity (ppt)	Comments DI WATER		
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	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: 3-28-17 1700	Shipping Method: FedEx	Number of Coolers Shipped: 1	Received By: [Signature]	Date/Time: 3-29-17/1010
----------------------------	-------------------------	------------------------	------------------------------	--------------------------	-------------------------

Group: A	Bottle Type:	P-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	1
W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 1	Preservative: ICE-FLTR	Enter Number of Bottles Sent to Lab	1
W-PO4-F						
Group: B	Bottle Type:	P-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	0
ALKALINITY TURBIDITY W-F W-TSS						
Group: B	Bottle Type:	BP-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	0
CHLSUITE-W						
Group: B	Bottle Type:	P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	0
W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC						
Group: B	Bottle Type:	P-125ML	# of Bottles: 1	Preservative: ICE-FLTR	Enter Number of Bottles Sent to Lab	0

Request Number: RQ-2017-03-27-15

Florida Department of Environmental Protection

Central Laboratory Submittal Form

4 of 4

Page 1 of 3

last revised Apr 7, 2016

Klosterman & Mossasin

+ RUN 17

2017-03-27-64

Customer: WQAP

Requester: Judy Ashton

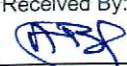
Field Report Prepared By:

Project ID: SMP

Collected By:

Sampling Agency:

Location	RQ-2017-03-27-64 Date: 03/28/17 Time:	 G2SW0016 ↓ STORET Field ID ↑	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 3-28-17 Time 1200	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Field ID	STORET #	BRADEN R.	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	6.2	Total Res. Chlorine (mg/L)	"C"
Temp (C)	pH	22.6	7.6	Sample Depth	0.3	Sp. Conductance (umho/cm)	SWD-AEL-EC
Latitude	Longitude	Salinity (ppt)	Comments "E. COLI ONLY" - DROPPED @ AEL				
		0.34					
Location	RQ-2017-03-27-64 Date: 03/28/17 Time:	 G2SW0018 ↓ STORET Field ID ↑	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 3-28-17 Time 1245	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID	STORET #	CEDAR CRK	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	4.1	Total Res. Chlorine (mg/L)	"C"
Temp (C)	pH	20.0	7.3	Sample Depth	0.3	Sp. Conductance (umho/cm)	SWD-AEL-EC
Latitude	Longitude	Salinity (ppt)	Comments "E. COLI ONLY" - DROPPED @ AEL				
		0.39					
Location	RQ-2017-03-27-64 Date: 03/28/17 Time:	 G2SW0015 ↓ STORET Field ID ↑	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 3-28-17 Time 1325	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID	STORET #	NONSENSE	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	0.3	Total Res. Chlorine (mg/L)	"C"
Temp (C)	pH	19.8	7.3	Sample Depth	0.3	Sp. Conductance (umho/cm)	SWD-AEL-EC
Latitude	Longitude	Salinity (ppt)	Comments "E. COLI ONLY" - DROPPED @ AEL				
		0.5					
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		Total Res. Chlorine (mg/L)	
STORET #			Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)	
Latitude	Longitude	Salinity (ppt)	Comments				

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
					3-29-17/10-10

Group: A	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	ALKALINITY					
	TURBIDITY					
	W-CL-IC					
	W-COLOR					
	W-F					
	W-SO4-IC					
	W-TDS					
	W-TSS					
Group: A	Bottle Type:	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: A	Bottle Type:	P-500ML	# of Bottles: 1	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: 1	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab _____
	W-PO4-F					
Group: B	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	ALKALINITY					
	TURBIDITY					
	W-F					
	W-TSS					
Group: B	Bottle Type:	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: B	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab _____
	W-NH3					
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					
	W-TOC					
Group: B	Bottle Type:	P-125ML	# of Bottles: 1	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab _____

Group: B	Bottle Type: P-125ML W-PO4-F	# of Bottles: 1	Preservative: ICE-FLTR	Enter Number of Bottles Sent to Lab	0
Group: C	Bottle Type: QPCR-P-250ML PCR-FILTER	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
Group: C	Bottle Type: P-120ML-WC-THI SWD-AEL-EC SWD-AEL-EN	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	0 DROPPED OFF @ AEL
Group: C	Bottle Type: BG-1L W-AHERB-AA W-SUC-AA-R W-UHERB-AA	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	3
Group: D	Bottle Type: P-500ML W-ICP W-ICPMS	# of Bottles: 1	Preservative: HNO3	Enter Number of Bottles Sent to Lab	0



Advanced
Environmental Laboratories, Inc.
6601 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 • E84589
2106 NW 67th Place, Ste. 7 • Gainesville, FL 32608 • 352.367.1500 • Fax 352.367.0050 • E82620
528 S. North Lake Blvd., Ste. 1016 • Altamonte Springs, FL 32701 • 407.937.1594 • Fax 407.937.1597 • E53076

LAB NUMBER:

Page 1 of 1

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:		PROJECT LOCATION: Florida		FAX: 813-470-5996		SAMPLED BY:		REMARKS/SPECIAL INSTRUCTIONS:									
PHONE: 813-470-5700																			
CONTACT: Matthew Bearden Sarah Ernst																			
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=soil		SL=sludge					
Field ID		SITE NAME		Grab Comp		SAMPLING		MATRIX		NO. COUNT		Preserv		Ice, T					
						DATE		TIME											
RQ-2017-03-27-64		G5SW0039		Grab		3/28/17		1015		SW		1							
Date: 03/28/17		↓STORET Field ID ↑																	
Time:		KLOSTERMAN																	
RQ-2017-03-27-64		G2SW0016		Grab		3/28/17		1200		SW		1							
Date: 03/28/17		↓STORET Field ID ↑																	
Time:		BRADEN R.																	
RQ-2017-03-27-64		G2SW0018		Grab		3/28/17		1245		SW		1							
Date: 03/28/17		↓STORET Field ID ↑																	
Time:		CEDAR CRK																	
RQ-2017-03-27-64		G2SW0015		Grab		3/28/17		1325		SW		1							
Date: 03/28/17		↓STORET Field ID ↑																	
Time:		NONSENSE																	

H=HCl		S=(H ₂ SO ₄)		N=(HNO ₃)		T=(Sodium Thiosulfate)	
Shipment	Method	Sample Kit	Cooler #				
Out:	Via:	RB	D/T				
Ret:	Via:	AB	D/T				
		Trip Bl.					

Relinquish by:		Date		Time		Received by:		Date		Time	
1	J. ASHTON	3-28-17	1420					3/28/17	1422		
2											
3											
4											

Received on 1c

☐ Yes ☐ No

QC ☐ sent

☐ received

revised 1/12

Date of Request: 16-MAR-2017
 Created By: ASHTON_J On: 16-MAR-2017
 Modified By: MATTHEWS_D On: 17-MAR-2017
 Customer: WQAP
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District:
 Sampling Event: RUN 17 w/Klosterman

Send Coolers To:

Phone: 813-470-5772
 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: 16-MAR-2017
 Biology Request Reviewed By: MATTHEWS_D On: 17-MAR-2017
 Sampling Kit Required: NO Ship on:
 Sampling Kit Shipped:
 Sampling Kit Packed By:
 Preservatives Needed: NO
 Date to Receive Samples: 28-MAR-2017
 Received By: SHAIK_A On: 29-MAR-2017

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, No Metals

Bottle Group A (Water) With 1 Samples:

Bottle Type: P-1L	Number of Bottles: 1	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: 1	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: 1	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: 1	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 1 Samples:

Bottle Type: QPCR-P-250ML	Number of Bottles: 2	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: 1	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 5 Samples:

Bottle Type:	Number of Bottles: 5	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

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

Log-in Checklist

RQ- 2017-03-27-64

Shipping Method: Red Exp

Date/Time of Receipt: 03-29-17/10:10

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	2-45	8		☒			8111 7111 1690

*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-Cl-R		

PRESERVATION CHECK (EXCLUDING SAMPLES SENT TO OVERFLOW LABS, "OV-")

**Acid Preserved Samples: pH ≤ 2.0? Yes ☒ No ☐ NA ☐ Init: ABP

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

Coolers Unpacked/Checked by: ABP Date: 3-29-17 NCRs (Y/N)? 2

Event ID: RUN 17 w/Klosterman NCR #

WQAP-2017-03-29-01 (SMP)
Date Received: 29-MAR-2017 10:1

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: