

2 SCI REF SITES-TBD

Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: SW-DIST

Requester: Judy Ashton

Field Report Prepared By: Judy Ashton

Project ID: SCIREF

Collected By: Judy Ashton, L. Baliter, D. HERNANDEZSampling Agency: SCIREF

Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 3-30-17 Time 1200	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Field ID	RQ-2017-03-27-69 Date: 03/30/17	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
STORET #	Time: <u>Livingston Crk</u>	Temp (C) 22.6	pH 6.6	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 247
Latitude	☐ dd ☐ dms	Salinity (ppt) 0.12	Comments: <u>FECAL DROPPED W/ 2 AEL</u>			
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 3-30-17 Time 1335	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID	RQ-2017-03-27-69 Date: 03/30/17	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
STORET #	Time: <u>Peace R. above Bowleg</u>	Temp (C) 25.8	pH 7.4	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 273
Latitude	☐ dd ☐ dms	Salinity (ppt) 0.13	Comments: <u>E. COLI DROPPED W/ 2 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	
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>J. Ashton</u>	Date/Time: <u>3-30-17 1700</u>	Shipping Method: <u>Hand Key</u>	Number of Coolers Shipped: <u>1</u>	Received By: <u>AB</u>	Date/Time: <u>3-31-17 10:15</u>
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Florida Department of Environmental Protection

Central Laboratory Submittal Form

2 SCI REF SITES-TBD

Customer: SW-DIST

Requester: Judy Ashton

Field Report Prepared By: Judy Ashton

Project ID: SCIREF

Collected By: Judy Ashton, L. Salcedo, D. Hurnin

Sampling Agency: _____

Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>3-30-17</u> Time <u>1200</u>	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)
Field ID	RQ-2017-03-27-69 Date: 03/30/17 Time: _____ <u>Livingston Crk</u>	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen <u>6.3</u> ☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____	A/B/C
STORET #	LVNGSTNREF 27423094812641	Temp (C) <u>22.6</u>	pH <u>6.6</u>	Sample Depth <u>0.3</u> ☐ ft ☒ m	Sp. Conductance (umho/cm) <u>247</u>	
Latitude	☐ dd ☐ dms	Salinity (ppt) <u>0.12</u>	Comments: <u>FECAL DROPPED W/ 2 AEL, "NO POT detected"</u>			
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>3-30-17</u> Time <u>1335</u>	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID	RQ-2017-03-27-69 Date: 03/30/17 Time: _____ <u>Peace R. above Bowler</u>	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen <u>4.0</u> ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____	A/C/D/E
STORET #	G3SW0042 635U0042	Temp (C) <u>25.8</u>	pH <u>7.4</u>	Sample Depth <u>0.3</u> ☐ ft ☒ m	Sp. Conductance (umho/cm) <u>273</u>	
Latitude	☐ dd ☐ dms	Salinity (ppt) <u>0.13</u>	Comments: <u>E. COLI DROPPED W/ 2 AEL, "NO metal"</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) _____	3/31
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: <u>J. Ashton</u>	Date/Time: <u>3-30-17 1700</u>	Shipping Method: <u>K&N Key</u>	Number of Coolers Shipped: <u>1</u>	Received By: <u>ABP</u>	Date/Time: <u>3-31-17/10:15</u>
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Group: A	Bottle Type: P-1L	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	<u>2</u>
	ALKALINITY				
	TURBIDITY				
	W-BR-IC				
	W-CL-IC				
	W-COLOR				
	W-F				
	W-SO4-IC				
	W-TDS				
	W-TSS				
Group: A	Bottle Type: BP-1L	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	<u>2</u>
	CHLSUITE-W				
Group: A	Bottle Type: QPCR-P-250ML	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	<u>2</u>
	PCR-HF183				
Group: A	Bottle Type: P-500ML	# of Bottles: 2	Preservative: HNO3	Enter Number of Bottles Sent to Lab	<u>1</u>
	W-ICP				
Group: A	Bottle Type: P-500ML	# of Bottles: 2	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	<u>2</u>
	W-NH3				
	W-NO2NO3				
	W-S-A-TP				
	W-TKN				
	W-TOC				
Group: A	Bottle Type: BG-1L	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	<u>1</u>
	W-SUC-AA-R				
	W-UHERB-AA				
Group: B	Bottle Type: PJ-2L	# of Bottles: 4	Preservative: Formalin	Enter Number of Bottles Sent to Lab	<u>1</u>
	MI-FW-QLDC				
Group: C	Bottle Type: P-120ML-WC-THI	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	<u>0</u>
	SWD-AEL-FC , SWD-AEL-EC				
			DROPPED AND AEL		
GROUP D	QPCR-P-250ML				
	PCR-FILTER				
				H SENT TO LAB	<u>2</u>
GROUP E	W-SO4-K				
	P-125ML				
				H SENT TO LAB	<u>1</u>



Advanced

Environmental Laboratories, Inc.

6601 Southpoint Pkwy. • Jacksonville, FL 32216 • 904.363.9350 • Fax 904.363.9354 • E62574

9610 Princess Palm Ave. • Tampa, FL 33619 • 813.630.9616 • Fax 813.630.4327 • E64589

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526 S. North Lake Blvd., Sta. 1018 • Altamonte Springs, FL 32701 • 407.937.1594 • Fax 407.937.1597 • E53076

LAB NUMBER:

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of

CLIENT NAME: FDEP - SW District		PROJECT NAME: TMDL / SMP		BOTTLE SIZE & TYPE		Sterile Plastic Bottle												LAB NUMBER	
ADDRESS: 13051 N. Telecom Pkwy		P.O. NUMBER/PROJECT NUMBER:		PROJECT LOCATION: Florida		FAX: 813-470-5996		SAMPLED BY:		REMARKS/SPECIAL INSTRUCTIONS:		A R N E A Q L U Y I S R I E S D		Fecal Coliforms		E. Coli			
PHONE: 813-470-5700		FAX: 813-470-5996		SAMPLED BY:		REMARKS/SPECIAL INSTRUCTIONS:		A R N E A Q L U Y I S R I E S D		Fecal Coliforms		E. Coli							
CONTACT: Matthew Boarden Sarah Ernst		TURN AROUND TIME:		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		O=oil		A=air		SO=sol		SL=sludge					
Field ID		SITE NAME		Grab Comp		SAMPLING DATE TIME		MATRIX		NO. COUNT		Preserv		Ice, T					
RQ-2017-03-27-69 Date: 03/30/17 Time:		LVNGSTNREF ↓STORET Field ID ↑ Livingston Crk 274238948126468		Grab		3/30/17 1200		SW		1				1					
RQ-2017-03-27-69 Date: 03/30/17 Time:		G3SW0042 ↓STORET Field ID ↑ Peace R. above Bowles		Grab		3/30/17 1335		SW		1				1					
				Grab				SW											
				Grab				SW											
				Grab				SW											
				Grab				SW											

Shipment		Method		Sample Kit		Cooler #		Retain by:		Date		Time		Received by:		Date		Time	
Out:		Via:		RB		D/T		1		J. Asitron		3/30/17		1500		J. Asitron		3/30/17	
Ret:		Via:		AB		D/T		2											
				Trip Bl.				3											
								4											

Received on lc

☐ Yes ☐ NoQC ☐ sent☐ received

revised 1/12

Date of Request: 15-FEB-2017
 Created By: ASHTON_J On: 15-FEB-2017
 Modified By: MATTHEWS_D On: 28-FEB-2017
 Customer: SW-DIST
 Project: SCIREF
 Division: Division of Environmental Assessment and Restoration
 District: Southwest District
 Sampling Event: 2 SCI REF SITES-TBD

Send Coolers To:

Phone: 813-470-5951
 FL Dept. of Environmental Protection
 13051 N. Telecom Parkway
 Temple Terrace, FL 33637-0926
 Attn: Matthew Bearden

Program Module Number:

Priority: 3

Event Status: R

Criminal Investigation: NO

Chemistry Request Reviewed By: WATTS_J On: 22-FEB-2017

Biology Request Reviewed By: MATTHEWS_D On: 28-FEB-2017

Sampling Kit Required: YES Ship on: 02-MAR-2017

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

Sampling Kit Packed By: GREENWOO_J

Preservatives Needed: NO

Date to Receive Samples: 16-MAR-2017

Received By: SHAIK_A On: 31-MAR-2017

Send Final Report To:

FL Dept. of Environmental Protection
 13051 N. Telecom Parkway
 Temple Terrace, FL 33637-0926
 Attn: matthew.bearden@dep.state.fl.us

Report Type: Final Only

FTP Data: NO

QC Report: YES

Date Log: NO

Authorization Log: NO

Comments:

Bottle Group A (Water) With 2 Samples:

Bottle Type: P-1L	Number of Bottles: 2	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-BR-IC	Template: DEFAULT	(EPA 300.0) Bromide 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: 2	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, phaeophytin and ratio by spectrophotometry
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 Type: P-500ML	Number of Bottles: 2	Preserved With: HNO ₃
W-ICP	Template:	(EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects
Calcium		
Magnesium		
Potassium		
Sodium		
Bottle Type: P-500ML	Number of Bottles: 2	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

Bottle Group A (Water) With 2 Samples:

Bottle Type: P-500ML	Number of Bottles: 2	Preserved With: ICE And H2SO4
W-TOC	Template: DEFAULT	(SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices
Bottle Type: BG-1L	Number of Bottles: 2	Preserved With: ICE
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 B (Biological) With 2 Samples:

Bottle Type: PJ-2L	Number of Bottles: 4	Preserved With: Formalin
MI-FW-QLDC	Template: DEFAULT	(SOP-IZ06) No. Taxa of FW macroinverts, qual samp, 20 dipnets.

Bottle Group C (Water) With 2 Samples:

Bottle Type:	Number of Bottles: 2	Preserved With: ICE
SWD-AEL-FC	Template: DEFAULT	(SM 9222 D) Fecal coliforms by membrane filter method by Advanced Environmental Overflow Laboratories for SWD

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

Log-in Checklist

RQ- 2017-03-27-69

Shipping Method: FedEx

Date/Time of Receipt: 3-31-17 / 10:15

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	2-7K	14		✓			8104 1261 3184

*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: ABJ

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

Coolers Unpacked/Checked by: ABJ Date: 3-31-17

NCRs (Y/N)?

Event ID: - 2 SCI REF SITES-TBD
SW-DIST-2017-03-31-01 (SCIREF)

NCR #

Date Received: 31-MAR-2017 10:15

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: