

SMP: L-28 Tieback, C-139s, Drain of Corkscrew

Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: SO-DIST

Requester: Benjamin Paswater

Field Report Prepared By: MARYANN DUGAN

Project ID: SMP

Collected By: STEVEN COFONE, MARYANN DUGAN

Sampling Agency: SROC

Location RQ-2017-08-14-03 10/9/2017		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 10/09/2017 Time 1150		☒ Eastern Central		Composite end Date Time		Bottle Group(s) (See pg 2)	
Field ID WBID 3278M		G1SD100917-4		Matrix (type, e.g., Salt, Fresh, etc) F		Diss. Oxygen 3.84 mg/L		Total Res. Chlorine (mg/L)		A	
STORET # L-28 Tieback @ I-75		EVRGWC0113FTM		Temp (C) 29.3		pH 7.2		Sample Depth 0.3		Sp. Conductance (umho/cm) 397	
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) ☐ dd ☐ dms		Comments					
Location RQ-2017-08-14-03 10/9/2017		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 10/09/2017 Time 1155		☒ Eastern Central		Composite end Date Time		Bottle Group(s)	
Field ID DUPLICATE		G1SD100917-6		Matrix (type, e.g., Salt, Fresh, etc) F		Diss. Oxygen mg/L		Total Res. Chlorine (mg/L)		A	
STORET # L-28 Tieback @ I-75		EVRGWC0113FTM		Temp (C)		pH		Sample Depth 0.3		Sp. Conductance (umho/cm)	
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) ☐ dd ☐ dms		Comments DUPLICATE					
Location RQ-2017-08-14-03 10/9/2017		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 10/09/2017 Time 1110		☒ Eastern Central		Composite end Date Time		Bottle Group(s)	
Field ID WBID 3266A		G1SD100917-3		Matrix (type, e.g., Salt, Fresh, etc) F		Diss. Oxygen 0.6 mg/L		Total Res. Chlorine (mg/L)		A	
STORET # C-139 Annex @ Half Bridge Rd.		G1SD0049		Temp (C) 29.3		pH 7.2		Sample Depth 0.3		Sp. Conductance (umho/cm) 305	
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) ☐ dd ☐ dms		Comments					
Location RQ-2017-08-14-03 10/9/2017		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 10/09/2017 Time 1015		☒ Eastern Central		Composite end Date Time		Bottle Group(s)	
Field ID WBID 3255		G1SD100917-2		Matrix (type, e.g., Salt, Fresh, etc) F		Diss. Oxygen 2.3 mg/L		Total Res. Chlorine (mg/L)		A	
STORET # C-139 - SE		G1SD0056		Temp (C) 28.4		pH 7.1		Sample Depth 0.3		Sp. Conductance (umho/cm) 289	
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) ☐ dd ☐ dms		Comments					

Relinquished By: MARYANN DUGAN	Date/Time 10/09/2017	Shipping Method FEDEX	Number of Coolers Shipped: 2	Received By: Tyler R.	Date/Time 10/10/17 @ 10.10
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Group: A	Bottle Type:	P-1L	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>5</u>
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>5</u>
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 5	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	<u>5</u>
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 5	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab	<u>5</u>
	W-PO4-F						
Group: B	Bottle Type:	P-250ML-WI-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>0 (SANDERS)</u>
	SD-SND-ECQ						

Central Laboratory Submittal Form

Customer: SO-DIST

Requester: Benjamin Paswater

Field Report Prepared By: MARYANN DUGAN

Project ID: SMP

Collected By: STEVEN COFONE, MARYANN DUGAN

Sampling Agency: S ROL

Location RQ-2017-08-14-03 10/9/2017 WBID 3259B1 Drainage Ditch @ CR 850 G1SD100917-1 Field ID STORET # EVRGWC0104FTM		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 10/09/2017 Time 0850		Eastern Central		Composite end Date Time		Bottle Group(s) (See pg 2) A	
Matrix (type, e.g., Salt, Fresh, etc) F		Diss. Oxygen 2.7 mg/L 30 % sat		Total Res. Chlorine (mg/L)		Temp (C) 27.3		pH 7.1		Sample Depth 0.3 m	
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) ☐ dd ☐ dms		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)		Temp (C)		pH	
STORET #		Temp (C)		pH		Sample Depth ☐ ft ☐ m		Sp. Conductance (umho/cm)			
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) ☐ dd ☐ dms		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)		Temp (C)		pH	
STORET #		Temp (C)		pH		Sample Depth ☐ ft ☐ m		Sp. Conductance (umho/cm)			
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) ☐ dd ☐ dms		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)		Temp (C)		pH	
STORET #		Temp (C)		pH		Sample Depth ☐ ft ☐ m		Sp. Conductance (umho/cm)			
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) ☐ dd ☐ dms		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)		Temp (C)		pH	
STORET #		Temp (C)		pH		Sample Depth ☐ ft ☐ m		Sp. Conductance (umho/cm)			
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) ☐ dd ☐ dms		Comments					

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By: TUL R	Date/Time 10/10/17 @ 10:10
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Group: A	Bottle Type:	P-1L	# of Bottles: 5	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: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: A	Bottle Type:	P-500ML	# of Bottles: 5	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: 5	Preservative: ICE-FLTR		Enter Number of Bottles Sent to Lab _____
	W-PO4-F					
Group: B	Bottle Type:	P-250ML-WI-THI	# of Bottles: 1	Preservative: ICE		Enter Number of Bottles Sent to Lab _____
	SD-SND-ECQ					

Date of Request: 06-FEB-2017
 Created By: PASWATER_B On: 06-FEB-2017
 Modified By: SWANSON_C On: 27-JUL-2017
 Customer: SO-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: South District
 Sampling Event: SMP: L-28 Tieback, C-139s, Drain of Corkscrew

Send Coolers To:

Phone: 239-332-6975 SC 748-6975
 FLDEP South District Office
 2295 Victoria Ave. Suite 364
 Fort Myers, FL 33901
 Attn: Ben Paswater

Program Module Number:

Priority: 3
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 25-JUL-2017
 Biology Request Reviewed By: SWANSON_C On: 27-JUL-2017
 Sampling Kit Required: YES Ship on: 31-JUL-2017
 Sampling Kit Shipped: YES On: 31-JUL-2017
 Sampling Kit Packed By: SHAIK_A
 Preservatives Needed: NO
 Date to Receive Samples: 14-AUG-2017
 Received By:

Send Final Report To:

FLDEP South District Office
 2295 Victoria Ave. Suite 364
 Fort Myers, FL 33901
 Attn: Ben Paswater

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

Comments: SMP: L-28 Tieback, C-139s, Drain of Corkscrew

Bottle Group A (Water) With 5 Samples:

Bottle Type: P-1L	Number of Bottles: 5	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: 5	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type: P-500ML	Number of Bottles: 5	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: 5	Preserved With: FILTER-ICE
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 1 Samples:

Bottle Type:	Number of Bottles: 1	Preserved With: ICE
SD-SND-ECQ	Template: DEFAULT	(SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method by Sanders Laboratories for South District

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

Log-in Checklist

RQ- 2017-08-14-03

Shipping Method: FEDEX

Date/Time of Receipt: 10/10/17 @ 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	2.2°C	12		✓			811939045514
Red	2.0°C	8		✓			811939045525

*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: ML

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

Coolers Unpacked/Checked by: Tyler R Date: 10/10/17 NCRs (Y/N)? N

Event ID: SO-DIST-2017-10-10-01 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: