

Log-in Checklist

RQ-2018-05-07-61

Login Station ID: #5

Shipping Method: FedEx | UPS | HD | Greyhound | _____ Date/Time of Receipt: 05/09/18 @ 9:4

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	1.9°C	10		X			4385 5028 8224

*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 _____

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included? Yes ✓ No _____ Date 05/09/18

CONTAINER CHECK

**Evidence Tape on Bottles? Yes _____ No X 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-E8321-DI, -MS, -21			W-NP-AA-SF		
W-BNA (-625, -R)			W-PDQUAT		
W-CARB-AA (-CAB-AA-R)			W-PCL-SQ-R		
W-U2060-MS			W-TR-TQ		
W-PCB-R			W-CT-CI-R		
W-PAH (-R)			W-PSNP-TQ		

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

**Acid Preserved Samples: pH ≤ 2.0? Yes ✓ No _____ NA _____ Init: TM

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

Coolers Unpacked/Checked by: Tyler R. Date: 05/09/18 NCRs (Y/N)? N

Event ID: Unnamed Drain X2 +SCI
CEN-DIST-2018-05-09-01 (SMP)
 Date Received: 09-MAY-2018 09:45 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

Additional Comments:

Infrared Thermometer ID:	
pH Paper 0.0 – 3.0 Lot #	
pH Paper 0 – 13 Lot #	
Chlorine Test Strips Lot #	

ENCORE SAMPLES

S-VOC-MS samples in Encores must be frozen within 48 hours of collection.

Were Encore samples received? Yes _____ No X

Date and time placed in freezer _____

Were all samples placed in freezer within 48 hours of collection? Yes _____ If No _____

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: _____

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Unnamed Drain X2 +SCI

last revised Jan 25, 2018

Customer: CEN-DIST

Requester: Michael Linger

Field Report Prepared By: Mike Linger

Project ID: SMP

Collected By: Mike Linger/Lawrence Drennan/Terry Riordan Sampling Agency: FDEP CE-ROC

Location	WIN ID / Field ID → G2CE0169	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 5/8/18 Time 907	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Field	Unnamed Drain @ Avalon Park Blvd (3037)	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 7.50	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
WIN		Temp (C) 20.93	pH 7.86	Sample Depth 0.3	Sp. Conductance (umho/cm) 875	
Latitude	☐ dd ☐ dms	Salinity (ppt)	Comments CD-FLR-ECQ sent to contract lab			
Location	WIN ID / Field ID → G2CE0168	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 5/8/18 Time 1204	Eastern Central	Composite end Date Time	Bottle Group(s)
Field	Unnamed Drain @ Lake Live Oak Rd (3037)	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 8.34	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
WIN		Temp (C) 22.15	pH 7.99	Sample Depth 0.15	Sp. Conductance (umho/cm) 854	
Latitude	☐ dd ☐ dms	Salinity (ppt)	Comments CD-FLR-ECQ sent to contract lab			
Location	WIN ID / Field ID → G2CE0168	☐ Comp ☐ Grab	Collection (comp begin or grab) Date 5/8/18 Time 1200	Eastern Central	Composite end Date Time	Bottle Group(s)
Field	Unnamed Drain @ Lake Live Oak Rd (3037)	Matrix (type, e.g., Salt, Fresh, etc) SCI	Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	B
WIN		Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)	
Latitude	☐ dd ☐ dms	Salinity (ppt)	Comments SCI substrate			
Location	Field ID	☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time	Eastern Central	Composite end Date Time	Bottle Group(s)
WIN/STORET #		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
		Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments	

Relinquished By: MKL	Date/Time 5/8/18 1600	Shipping Method FedEx	Number of Coolers Shipped: 1	Received By: Tyler R.	Date/Time 05/09/18 09:45am
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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-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: A	Bottle Type:	P-250ML-WI-THI	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>2 sent to contract lab</u>
	CD-FLR-ECQ						
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:	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:	P-125ML	# of Bottles: 2	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	<u>2</u>
	W-PO4-F						
Group: B	Bottle Type:	PT-50ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>0</u>
	ALGAL_ID						
Group: B	Bottle Type:	PJ-2L	# of Bottles: 2	Preservative:	Formalin	Enter Number of Bottles Sent to Lab	<u>2</u>
	MI-FW-QLDC						



CONTRACT LAB - CHAIN OF CUSTODY

Client Name: Department of Environmental Protection
 Address: 3319 Maguire Blvd Suite 232, Orlando, FL 32803
 Project Manager: Natalie Ayala / Michael Linger / Kalina Warren
 E-Mail: Michael.Linger@dep.state.fl.us
 Telephone Number: (407) 897-4100

Project Name: SWP

Project Number: RQ-2018-05-07-61

Site Location: Unnamed Drain @ Avalon Park & Liveoak Rd

Contract/PO # Flowers Lab - B16975

Sampler Names: Terry Riordan / Mike Linger

Signature: [Signature]

FIELD ID	Lab No. (Lab Use Only)	Date	Time Sampled	No. of Containers	Grab	Composite	Preservative				Matrix				Analyze For:		
							ICE	HCL	HNO3	NONE	Groundwater	Wastewater	Drinking Water	Surface Water	Escherichia Coli (ECQ)	Enterococci (ENQ)	Fecal Coliform (FC)
GZCE0169		5/8/18	907	1	X		X										
GZCE0168		5/8/18	1204	1	A		X							X	X		
														X	X		

Special Instructions:

Samples are ambient water and not suspected to contain chlorine

Relinquished by:

Terry Riordan

Date: 5/8/18 Time: 1335

Received by:

FCL/m 49c

Date

5/8/18

Time

13:40

Comments

Relinquished by:

Mike Drennan

Date: Time:

Received by:

Date

Time

Temp
Upon Receipt:

Sample Containers Intact?

Y N

Date of Request: 19-APR-2018
 Created By: LINGER_M On: 19-APR-2018
 Modified By: SWANSON_C On: 23-APR-2018
 Customer: CEN-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Central District
 Sampling Event: Unnamed Drain X2 +SCI

Send Coolers To:

Phone: 407 897-4180
 FL Dept. of Environmental Protection
 3319 Maguire Blvd., Suite 232
 Orlando, FL 32803-3767
 Attn: Mike Linger

Program Module Number: 1306
 Priority: 3
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 20-APR-2018
 Biology Request Reviewed By: SWANSON_C On: 23-APR-2018
 Sampling Kit Required: YES Ship on: 27-APR-2018
 Sampling Kit Shipped: YES On: 26-APR-2018
 Sampling Kit Packed By: REAVES_S
 Preservatives Needed: NO
 Date to Receive Samples: 07-MAY-2018
 Received By:

Send Final Report To:

FL Dept. of Environmental Protection
 3319 Maguire Blvd., Suite 232
 Orlando, FL 32803-3767
 Attn: Mike Linger

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 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 using a maximum of 250 mL of sample
Bottle Type: CD-FLR-ECQ	Number of Bottles: 2	Preserved With: ICE
	Template: DEFAULT	(SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method by FlowersOverflow Laboratory for Central District
Bottle Type: BP-1L	Number of Bottles: 2	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: 2	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: 2	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 (Biological) With 1 Samples:

Bottle Type: PT-50ML	Number of Bottles: 1	Preserved With: ICE
ALGAL_ID	Template: DEFAULT	(SOP-AB05) Qualitative assessment of algal taxa present without counts

Bottle Group B (Biological) With 1 Samples:

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

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