Log-in Checklist

RQ- 2018-12-03-53

Login Station ID: #4

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 12/19/18 @ 10:30am

Cooler Temperature*	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Tracking # (fill out only if waybill copy is damaged)
				Present?		*Intact?		
	HNO_3	Formalin		Yes	No	Yes	No	
2.1°C			2		X			4751 8774 9460

* HNO3 and Formalin persevered samples do **NOT** have a temperature requirement. For all others, 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 below, fill out the back of this form (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 12/19/18

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 REQUIRED? (Blue dot on container) Yes ✓ No_____ Init: MR

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		X	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		
W-PFAS-MS					

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

**Acid Preserved Samples: pH ≤ 2.0? Yes ✓ (m) No____ NA X Init: MR

**W-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes____ No____ NA X Init: MR

Coolers Unpacked/Checked by: Tyler Reynolds **Date:** 12/19/18 **NCRs (Y/N)?** N

Event ID: Salt Creek X2
CEN-DIST-2018-12-19-02 (SMP)
Date Received: 19-DEC-2018 10:30

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

Infrared Thermometer ID:	REC_04_2018
pH Paper 0.0 – 3.0 Lot #	
pH Paper 0 – 13 Lot #	215517 EXP : Jun 1, 2020
Chlorine Test Strips Lot #	09417V EXP : 09, 2021

Additional Comments:

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: _____

Request Number: RQ-2018-12-03-53

Salt Creek X2

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: CEN-DIST

Project ID: SMP

Requester: Michael Linger

Collected By: Mike Linger / Terry Riordan

Field Report Prepared By: Mike Linger

Sampling Agency: FDEP CE-ROC

Location / Field ID / WIN/STORET # / Latitude: **WIN ID / Field ID →** Salt Creek @ Packard Avenue (2990) — G2CE0088 ☐ dms ☐ dd ☐ dms	☐ Comp ☑ Grab	Collection (comp begin or grab) Date 12/18/18 Time 1040 (Eastern) Central	Composite end Date Time		Bottle Group(s) (See pg 2) A
	Matrix (type, e.g., Salt, Fresh, etc) — ~~Fresh~~ SC = 4374	Diss. Oxygen 9.23 ☑ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		
	Temp (C) 13.82	pH 7.50	Sample Depth 0.1 ☐ ft ☑ m	Sp. Conductance (umho/cm) 4374	
	Salinity (ppt)	Comments: E. coli sent to contract lab			
Location / Field ID / WIN/STORET # / Latitude ☐ dd ☐ dms, Longitude ☐ dd ☐ dms	☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time Eastern Central	Composite end Date Time		Bottle Group(s)
	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		
	Temp (C)	pH	Sample Depth ☐ ft ☐ m	Sp. Conductance (umho/cm)	
	Salinity (ppt)	Comments			
Location / Field ID / WIN/STORET # / Latitude ☐ dd ☐ dms, Longitude ☐ dd ☐ dms	☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time Eastern Central	Composite end Date Time		Bottle Group(s)
	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		
	Temp (C)	pH	Sample Depth ☐ ft ☐ m	Sp. Conductance (umho/cm)	
	Salinity (ppt)	Comments			
Location / Field ID / WIN/STORET # / Latitude ☐ dd ☐ dms, Longitude ☐ dd ☐ dms	☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time Eastern Central	Composite end Date Time		Bottle Group(s)
	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		
	Temp (C)	pH	Sample Depth ☐ ft ☐ m	Sp. Conductance (umho/cm)	
	Salinity (ppt)	Comments			

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
MKL	12/18/18 1600	FedEx	1	Tyler Reynolds	12/19/18 @ 10:30am

Group: A	Bottle Type: CD-FLR-ECQ	P-250ML-WI-THI	# of Bottles: 2	Preservative:	Na thiosulfate and Ice	**Enter Number of Bottles Sent to Lab**	1 sent to contract lab
Group: A	Bottle Type: PCR-FILTER	QPCR-P-500ML	# of Bottles: 2	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	1
Group: A	Bottle Type: W-E8321-DI W-E8321-MS	BG-500ML	# of Bottles: 2	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	1

ENVIRONMENTAL RESEARCH & DESIGN, INC. --- CHAIN-OF-CUSTODY RECORD

3419 Trentwood Blvd., Suite 102 – Belle Isle (Orlando), FL 32812-4864 --- Phone: (407) 855-9465 --- Fax: (407) 826-0419

Client Name: Florida Department of Environmental Protection
Address: 3319 Maguire Blvd, Orlando, FL 32803
Project Contact: Michael Linger
Project Contact Phone: 407-897-4180
Project Name: RQ-2018- 12-03-53 **Project #:** SMP
Containers Accepted By: Andrew
Samples Collected By: Terry Riordan / Mike Linger

Sample I.D.	*Matrix	**IPC	ERD Sample I.D. No.	Date Collected	Time Collected	Total Number of Bottles	ANALYSIS CODE: 2-Liter Plastic	60 mL Plastic (filtered, F)	60 mL Plastic (Filtered/ Preserved with H_2SO_4, FP)	60 mL Plastic (Unfiltered) (Preserved with H_2SO_4, P)	500 mL Plastic	Glass (Preserved with HCl)	Metals: UF	Metals: F	250 mL Plastic (Preserved with HNO_3)	Whirlpak	Other	Other
GZCE1088	S	A	18-3261	12/18/18	1040	1											12a	
					DISPOSAL DATE:													

*MATRIX: SW = Stormwater SP = Seepage S = Surface Water BF = Baseflow GW = Groundwater BP = Bulk Precipitation G = Grab C = Composite

**ICE PRESERVATION CODES (IPC): A = Transported in ice, ice present when received B = Transported in ice, ice not present when received C = Not transported in ice

CUSTODY TRANSFERS

	RELINQUISHED BY	RECEIVED BY	DATE	TIME
1			12/18/18	12:00
2.				

Method of Shipment:
Delivered Directly to Lab: ✓
Shipped By FedEx: _____
UPS: _____
Other: _____

Received in Cooler: ✓ Y ___ N
Cooler Temp. verification: 6°C
Temp. Blank Provided ___ Y ✓ N
Temperature Blank Cooler #1: ___ °C
Temperature Blank Cooler #2: ___ °C
Temperature Blank Cooler #3: ___ °C

pH Checked in Laboratory (< 2 s.u.): ___ Y ✓ N
pH Lot #: _____
Sulfuric Acid: Lot #_____
Chlorine Check (< 0.1 mg/l): ___ Y ✓ N

COMMENTS: B39585

RQ-2018-12-03-53

Date of Request:	15-NOV-2018
Created By:	LINGER_M On: 15-NOV-2018
Modified By:	JASROTIA_P On: 20-NOV-2018
Customer:	CEN-DIST
Project:	SMP
Division:	
District:	Central District
Sampling Event:	Salt Creek X2

Send Coolers To:

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

Send Final Report To:

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:	R
Criminal Investigation:	NO
Chemistry Request Reviewed By:	WATTS_J On: 20-NOV-2018
Biology Request Reviewed By:	JASROTIA_P On: 20-NOV-2018
Sampling Kit Required:	YES Ship on: 21-NOV-2018
Sampling Kit Shipped:	YES On: 21-NOV-2018
Sampling Kit Packed By:	SHAIK_A
Preservatives Needed:	NO
Date to Receive Samples:	03-DEC-2018
Received By:	SHAIK_A On: 06-DEC-2018

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-250ML-WI-THI Number of Bottles: 2 Preserved With: Na thiosulfate and Ice

CD-FLR-ECQ	Template: DEFAULT	(SM 9223 B Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method by Flowers Chemical Laboratory in Altamonte Springs

Bottle Type: QPCR-P-500ML 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-500ML Number of Bottles: 2 Preserved With: ICE

W-E8321-DI	Template:	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
W-E8321-MS	Template: DEFAULT	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

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