

RQ- 2018-12-03-53

Log-in Checklist

Login Station ID: # 3Shipping Method: FedEx | UPS | HD | GreyhoundDate/Time of Receipt: 12/06/2018 /10:30

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)
	HNO ₃	Formalin		Present?		*Intact?		
				Yes	No	Yes	No	
<u>0.9C</u>			<u>2</u>		<u>X</u>			

* 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 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 X No

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included? Yes ✓ No

Date 12-6-18

CONTAINER CHECK

****Evidence Tape on Bottles?** Yes No X If yes, is it intact? Yes No

****Caps on tight?** Yes X No ****Containers intact?** Yes No

****Sufficient Sample Volume:** Yes X No

CHLORINE CHECK REQUIRED? (Blue dot on container) Yes ✓ No Init: ABS

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		<u> </u>	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: ABS

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

Coolers Unpacked/Checked by: ABS

Date: 12/06/2018

NCRs (Y/N)?

Event ID: Salt Creek X2
CEN-DIST-2018-12-06-01 (SMP)

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:	REC_03_2018
pH Paper 0.0 – 3.0 Lot #	
pH Paper 0 – 13 Lot #	215517 EXP:06/01/2020
Chlorine Test Strips Lot #	7226 EXP:2020/07

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

Customer: CEN-DIST

Requester: Michael Linger

Field Report Prepared By: Kate March

Project ID: SMP

Collected By: Lief Boman

Sampling Agency: ZIFCEN

Location	WIN ID / Field ID →				☐ Comp ☒ Grab	Collection (comp begin or grab) Date 12/5/18 Time 1300	Eastern Central	Composite end Date	Time	Bottle Group(s) (See pg 2)
Field ID	Salt Creek @ Packard Avenue (2990)				Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 8.03	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		A
WIN/STORI					Temp (C) 15.26	pH 7.53	Sample Depth 0.15	☐ ft ☒ m	Sp. Conductance (umho/cm) 4352	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 2.33	Comments					
Location					☐ Comp ☐ Grab	Collection (comp begin or grab) Date	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)		
WIN/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	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)		
WIN/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	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)		
WIN/STORET #					Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments					

Relinquished By: K March	Date/Time: 12/5/18 1400	Shipping Method: FedEx	Number of Coolers Shipped: 1	Received By: [Signature]	Date/Time: 12-6-18/1630
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to contract lab

Group: A	Bottle Type: P-250ML-WI-THI	# of Bottles: 2	Preservative:	Na thiosulfate and Ice	Enter Number of Bottles Sent to Lab
CD-FLR-ECQ					
Group: A	Bottle Type: QPCR-P-500ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab
PCR-FILTER					
Group: A	Bottle Type: BG-500ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab

W-E8321-DI
W-E8321-MS

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

[illegible]

CUSTODY TRANSFERS				Method of Shipment:		Received in Cooler: ☒ Y ☐ N		pH Checked in Laboratory	
RELINQUISHED BY	RECEIVED BY	DATE	TIME	Delivered Directly to Lab: ☒ X	Cooler Temp. verification: <u>7°C</u>	Temp. Blank Provided ☐ Y ☒ N	(< 2 s.u.): ☐ Y ☒ N		
1. <u>K March</u>	<u>[Signature]</u>	<u>12/5/18</u>	<u>1347</u>	Shipped By FedEx: _____	Temperature Blank Cooler #1: _____°C	Sulfuric Acid: Lot # _____			
2. _____	_____	_____	_____	UPS: _____	Temperature Blank Cooler #2: _____°C	Chlorine Check			
				Other: _____	Temperature Blank Cooler #3: _____°C	(< 0.1 mg/l): ☐ Y ☒ N			

COMMENTS:	B39585
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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

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

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-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.

Cooler Packing Worksheet for Request: RQ-2018-12-03-53

Salt Creek X2

Ship Cooler On: 11/21/2018

Customer/Project: CEN-DIST/SMP

Assigned To: SHAIK_A

Requester: Michael Linger

Priority: 3

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

Comments:

No preservatives needed.

Requested Analyses:

Bottle Group: A

of Sites: 2

Container ID: P-250ML-WI-THI

Qty: 2

Preservation: Na thiosulfate and Ice

Lot # L18244

Description: 250 ml Sterilized with tablet

Analysis

CD-FLR-ECQ

Description

Escherichia coli by Colilert 18 Quanti-Tray method by Flowers Chemical Laboratory in Altamonte Springs

Container ID: QPCR-P-500ML

Qty: 2

Preservation: ICE

Lot # 90071457

Description: 500ml Sterile Nalgene

Affix PCR Instruction Label to container

Analysis

PCR-FILTER

Description

Preparation of Samples by Filtration and held for qPCR Analysis

Container ID: BG-500ML

Qty: 2

Preservation: ICE

Lot # 90071457

Description: Brown Glass Bottle 500ML

Affix BLUE dot to container.

Analysis

W-E8321-DI

W-E8321-MS

Description

Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Cooler Packed By: AGP

Number of Coolers: 1

Date: 11-21-18

Kit must also include:

- ☒ Field Sheets
- ☒ Temperature Control Bottle
- ☒ FedEx Bills, if applicable
- ☒ Plastic Bags/Zip Ties
- ☒ Acid Labels (sets of 24)

If Preservation Included:

ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____

PLEASE RETURN ALL COOLERS FOR RQ-2018-12-03-53

ORIGIN ID: TLHA (407) 894-7555
MIKE LINSER
FL DEP CENTRAL DISTRICT
3319 MAGUIRE BLVD STE 232
ORLANDO, FL 328033767
UNITED STATES US

SHIP DATE: 21NOV18
ACTUAL: 55.00 LB MAN
CRD: 0446870/CAFE3211

551C/C382/104

TO **JOHN WATTS**
FLORIDA DEP/CHEMISTRY SECTION
2600 BLAIRSTONE RD

TALLAHASSEE FL 32399

(850) 245-8077
REF: 1
POT

DEPT

PRMA: 11111111



FedEx
Express



RETURNS MON - FRI
THU - 06 DEC 10:30A
PRIORITY OVERNIGHT

FedEx
TRK# 4385 5035 8810
0221

36 TLHA

32399
FL-US
TLH



FID 5837366 65DEC18 ORLA 553C1/FIFE/NC8A