

RQ- 2019-03-04-56

Log-in Checklist

Login Station ID: #4

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 03/08/2019 @ 10:20

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	
1.2°C			12		X			4751 8777 1337

* 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 03/08/19

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: ML

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 ✓ No NA Init: ML

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

Coolers Unpacked/Checked by: Tyler Reynolds Date: 03/08/2019 NCRs (Y/N)? N

Event ID: Lake Jessup Haynes Creek BMAP
CEN-DIST-2019-03-08-01 (LKJES-BMAP) NCR #

Date Received: 08-MAR-2019 10:20
 Page 1 of 2, Federal Express BIOLOGY

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_04_2018
pH Paper 0.0 – 3.0 Lot #	
pH Paper 0 – 13 Lot #	222516EXP:09/15/2019
Chlorine Test Strips Lot #	091417V EXP:09/2021

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

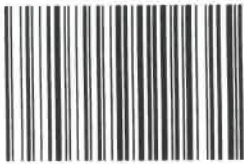
Project ID: LKJES-BMAP

Requester: Michael Linger

Field Report Prepared By: Kattie March

Collected By: Mike Linger

Sampling Agency: 21 FREN

Location		WIN ID / Field ID →		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 3/7/19 Time 1045	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Field ID		Sweetwater Creek @ Florida Ave		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 8.56	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) —
WIN/STORE				Temp (C) 14.5	pH 7.50	Sample Depth 0.1	☐ ft ☒ m	Sp. Conductance (umho/cm) 1413
Latitude		☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 0.71	Comments		
Location		WIN ID / Field ID →		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 3/7/19 Time 1103	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID		Salt Creek @ Packard Ave		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 8.21	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) —
WIN/STORE				Temp (C) 13.2	pH 7.36	Sample Depth 0.1	☐ ft ☒ m	Sp. Conductance (umho/cm) 3534
Latitude		☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 1.87	Comments		
Location		WIN ID / Field ID →		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 3/7/19 Time 1255	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID		Haynes Creek @ 300m downstream of CR44		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 6.66	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) —
WIN/STORE				Temp (C) 19.7	pH 7.46	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 320.5
Latitude		☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 0.15	Comments		
Location		WIN ID / Field ID →		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 3/7/19 Time 1305	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID		Haynes Creek @ just downstream of Burell Lock		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 6.99	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) —
WIN/STORE				Temp (C) 19.7	pH 7.49	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 319.0
Latitude		☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 0.15	Comments		

Relinquished By: K March	Date/Time: 3/7/19 1600	Shipping Method: FedEx	Number of Coolers Shipped: 1	Received By: Tyler Reynolds	Date/Time: 03/08/19 @ 10:20
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Group: A	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
BOD-UNIN							
Group: A	Bottle Type:	BP-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
CHLSUITE-W							
Group: A	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	2
				H2SO4 LOT# SA8197090 EXP: 07/16/2019			
W-NH3 W-NO2NO3 W-S-A-TP W-TKN							
Group: A	Bottle Type:	P-125ML	# of Bottles: 2	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	2
W-PO4-F							
Group: A	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
W-TSS							
Group: B	Bottle Type:	P-250ML-WI-THI	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2 to contract lab
CD-ERD-EC							
Group: B	Bottle Type:	2-BG-40ML NO ACID	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
W-E8321-21							

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 (< 2 s.u.): ☐ Y ☒ N	
RELINQUISHED BY	RECEIVED BY	DATE	TIME	Delivered Directly to Lab: ☒ X	Temp. Blank Provided ☐ Y ☒ N	Cooler Temp. verification: <u>6°C</u>		pH Lot #: _____	
1. <i>K. March</i>	<i>Ali #1</i>	3/7/19	1434	Shipped By FedEx: _____	Temperature Blank Cooler #1: _____°C	Temperature Blank Cooler #2: _____°C		Sulfuric Acid: Lot # _____	
2.				UPS: _____	Temperature Blank Cooler #3: _____°C	Chlorine Check (< 0.1 mg/l): ☐ Y ☒ N			
				Other: _____					

COMMENTS:	B39585
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Date of Request: 14-FEB-2019
 Created By: LINGER_M On: 14-FEB-2019
 Modified By: JASROTIA_P On: 15-FEB-2019
 Customer: CEN-DIST
 Project: LKJES-BMAP
 Division: Division of Environmental Assessment and Restoration
 District: Central District
 Sampling Event: Lake Jessup_Haynes Creek BMAP

Send Coolers To:

Phone: 407-894-4180
 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: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 14-FEB-2019
 Biology Request Reviewed By: JASROTIA_P On: 15-FEB-2019
 Sampling Kit Required: YES Ship on: 22-FEB-2019
 Sampling Kit Shipped: YES On: 21-FEB-2019
 Sampling Kit Packed By: KLUG_K
 Preservatives Needed: NO
 Date to Receive Samples: 04-MAR-2019
 Received By:

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

Comments: A: Salt / Sweet
 B: Haynes

Bottle Group A (Water) With 2 Samples:

Bottle Type: P-1L	Number of Bottles: 2	Preserved With: ICE
BOD-UNIN	Template: DEFAULT	(SM 5210 B) BOD, NOT nitrogen-inhibited
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
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 Type: P-1L	Number of Bottles: 2	Preserved With: ICE
W-TSS	Template: DEFAULT	(SM 2540 D-97) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample

Bottle Group B (Water) With 2 Samples:

Bottle Type: P-250ML-WI-THI	Number of Bottles: 2	Preserved With: ICE
CD-ERD-EC	Template: DEFAULT	(EPA 1603) Escherichia coli by membrane filter method by ERD Laboratory
Bottle Type: 2-BG-40ML NO ACID	Number of Bottles: 2	Preserved With: ICE
W-E8321-21	Template: DEFAULT	(EPA 8321B) Water soluble organic compounds by HPLC/MS/MS

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

