

RQ-2018-01-08-30

Log-in Checklist

Shipping Method:

Fedex

Date/Time of Receipt:

1-12-18/12:00

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	Yes	No		
Red	1.1	10		✓			
Red	-0.3	10		✓			

*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:

SR

**W-1-4-DIOX (Green dot on container) preserved to pH < 4.0?

Yes

No

NA

Init:

SR

Coolers Unpacked/Checked by:

SR

Date:

1-12-18

NCRs (Y/N)?

N

Event ID:

CEN-DIST-2018-01-12-01

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:

Dead River X5

Central Laboratory Submittal Form

last revised Jan 3, 2018

Customer: CEN-DIST

Requester: Michael Linger

Field Report Prepared By: Kate Williams

Project ID: SMP

Collected By: Terry RioslanSampling Agency: 21FREN

Location	Dead River @ 150m from Lake Eustis (2817C)	G1CE0101 Field ID ↑ STORET ↓ G1CE0101	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>1/11/18</u> Time <u>1045</u>	<u>Eastern</u> Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)	
Field ID			Matrix (type, e.g., Salt, Fresh, etc) <u>fresh</u>	Diss. Oxygen <u>10.20</u>	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____	A	
WIN/STORET	RQ-2017-01-08-30 Date: 1/11/2018		Temp (C) <u>13.46</u>	pH <u>7.74</u>	Sample Depth <u>0.3</u>	Sp. Conductance (umho/cm) <u>334</u>		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) <u>0.14</u>	Comments			
Location	Dead River @ 50m S of US 441 (2817C)	G1CE0100 Field ID ↑ STORET ↓ G1CE0100	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>1/11/18</u> Time <u>1055</u>	<u>Eastern</u> Central	Composite end Date _____ Time _____	Bottle Group(s)	
Field ID			Matrix (type, e.g., Salt, Fresh, etc) <u>fresh</u>	Diss. Oxygen <u>10.37</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____	A	
WIN/STORET	RQ-2017-01-08-30 Date: 1/11/2018		Temp (C) <u>13.76</u>	pH <u>7.84</u>	Sample Depth <u>0.3</u>	Sp. Conductance (umho/cm) <u>333</u>		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) <u>0.14</u>	Comments			
Location	Dead River @ Power Lines (2817C)	G1CE0056 Field ID ↑ STORET ↓ G1CE0056	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>1/11/18</u> Time <u>1105</u>	<u>Eastern</u> Central	Composite end Date _____ Time _____	Bottle Group(s)	
Field ID			Matrix (type, e.g., Salt, Fresh, etc) <u>fresh</u>	Diss. Oxygen <u>9.94</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____	A	
WIN/STORET	RQ-2017-01-08-30 Date: 1/11/2018		Temp (C) <u>13.95</u>	pH <u>7.74</u>	Sample Depth <u>0.3</u>	Sp. Conductance (umho/cm) <u>319</u>		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) <u>0.15</u>	Comments			
Location	Dead River @ 100m from Lake Harris (2817C)	G1CE0099 Field ID ↑ STORET ↓ G1CE0099	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>1/11/18</u> Time <u>1115</u>	<u>Eastern</u> Central	Composite end Date _____ Time _____	Bottle Group(s)	
Field ID			Matrix (type, e.g., Salt, Fresh, etc) <u>fresh</u>	Diss. Oxygen <u>10.45</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____	A	
WIN/STORET	RQ-2017-01-08-30 Date: 1/11/2018		Temp (C) <u>12.68</u>	pH <u>7.94</u>	Sample Depth _____	Sp. Conductance (umho/cm) <u>278</u>		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) <u>0.13</u>	Comments			

Relinquished By: <u>K Williams</u>	Date/Time <u>1/11/18 1600</u>	Shipping Method <u>FedEx</u>	Number of Coolers Shipped: <u>2</u>	Received By: <u>SR</u>	Date/Time <u>1-12-18 12:00</u>
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Group	Bottle Type	# of Bottles	Preservative	Enter Number of Bottles Sent to Lab
A	P-1L	5	ICE	4
	ALKALINITY			
	TURBIDITY			
	W-CL-IC			
	W-COLOR			
	W-F			
	W-SO4-IC			
	W-TDS			
	W-TSS			
A	BP-1L	5	ICE	4
	CHLSUITE-W			
A	P-500ML	5	HNO3	4
	W-ICP			
	W-ICPMS			
A	P-500ML	5	ICE And H2SO4	4
	W-NH3			
	W-NO2NO3			
	W-S-A-TP			
	W-TKN			
	W-TOC			
A	P-125ML	5	FILTER-ICE	4
	W-PO4-F			

Date of Request: 21-DEC-2017
 Created By: LINGER_M On: 21-DEC-2017
 Modified By: WATTS_J On: 12-JAN-2018
 Customer: CEN-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Central District
 Sampling Event: Dead River X5

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: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 22-DEC-2017
 Biology Request Reviewed By: WALTERS_J On: 02-JAN-2018
 Sampling Kit Required: YES Ship on: 05-JAN-2018
 Sampling Kit Shipped: YES On: 08-JAN-2018
 Sampling Kit Packed By: SEARSON_C
 Preservatives Needed: YES
 Date to Receive Samples: 08-JAN-2018
 Received By:

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

Comments: 5 - cases of Sulfuric Acid
 3 - cases of Nitric Acid

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: HNO3
W-ICP	Template:	(EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects
Calcium		
Chromium		
Iron		
Magnesium		
Nickel		
Potassium		
Sodium		
Zinc		
W-ICPMS	Template:	(EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects
Arsenic		
Cadmium		

Bottle Group A (Water) With 5 Samples:

Bottle Type: P-500ML	Number of Bottles: 5	Preserved With: HNO3
W-ICPMS	Template:	(EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects

Copper
Lead
Silver

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



Package
US Airbill

FedEx
Tracking
Number

8119 7781 1335

m 1/11/18
der's ne Kate Williams Phone 407 897 4100
pany FDEP
ress 3319 Maguire Blvd Ste 232
Orlando State FL ZIP 32803
r Internal Billing Reference

ipient's ne SAMPLE RECEIVING Phone 850 245-8085
pany FLORIDA DEP/CHEMISTRY SECTION
ress 2600 BLAIRSTONE RD
annot deliver to P.O. boxes or P.O. ZIP codes.
ress
is line for the HOLD location address or for continuation of your shipping address.
TALLAHASSEE State FL ZIP 32399
0127857428



8119 7781 1335



Package
US Airbill

FedEx
Tracking
Number

8119 7781 1346

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TALLAHASSEE State FL ZIP 32399
0127857428



8119 7781 1346

Form
ID No.

0215

Recipient's Copy

4 Express Package Service * To most locations. Packages up to 150 lbs. For packages over 150 lbs., use the FedEx Express Freight US Airbill.

Next Business Day	2 or 3 Business Days
☐ FedEx First Overnight Earliest next business morning delivery to select locations. Friday shipments will be delivered on Monday unless Saturday Delivery is selected.	☐ FedEx 2Day A.M. Second business morning. Saturday Delivery NOT available.
☒ FedEx Priority Overnight Next business morning. * Friday shipments will be delivered on Monday unless Saturday Delivery is selected.	☐ FedEx 2Day Second business afternoon. * Thursday shipments will be delivered on Monday unless Saturday Delivery is selected.
☐ FedEx Standard Overnight Next business afternoon. * Saturday Delivery NOT available.	☐ FedEx Express Saver Third business day. * Saturday Delivery NOT available.

5 Packaging * Declared value limit \$500.

☐ FedEx Envelope* ☐ FedEx Pak* ☐ FedEx Box ☐ FedEx Tube ☒ Other

6 Special Handling and Delivery Signature Options Fees may apply. See the FedEx Service Guide.

☐ Saturday Delivery
NOT available for FedEx Standard Overnight, FedEx 2Day A.M., or FedEx Express Saver.

☐ No Signature Required
Package may be left without obtaining a signature for delivery.

☐ Direct Signature
Someone at recipient's address may sign for delivery.

☐ Indirect Signature
If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only.

Does this shipment contain dangerous goods?

One box must be checked.

☒ No ☐ Yes As per attached Shipper's Declaration. ☐ Yes Shipper's Declaration not required. ☐ Dry Ice Dry Ice, 9, UN 1845 x lbs. ☐ Cargo Aircraft Only

Restrictions apply for dangerous goods — see the current FedEx Service Guide.

7 Payment Bill to: Enter FedEx Acct. No. or Credit Card No. below. Obtain recip. Acct. No. ☐

☐ Sender Acct. No. in Section 1 will be billed. ☒ Recipient ☐ Third Party ☐ Credit Card ☐ Cash/Check

Total Packages Total Weight lbs. Credit Card Auth.

*Our liability is limited to US\$100 unless you declare a higher value. See the current FedEx Service Guide for details.

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Form ID No. 0215 Recipient's Copy

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