

Log-in Checklist

RQ- 2017-11-13-57

Shipping Method: Fed Ex

Date/Time of Receipt: 11-17-17/10:05

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	
R00	2.1C	15		/			
R01	2.3C	15		/			

*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: ABO

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

Coolers Unpacked/Checked by: ABO Date: 11-17-17 NCRs (Y/N)?

Event ID: Rouse / Drawdy NCR #

CEN-DIST-2017-11-17-01 (SMP)

Date Received: 17-NOV-2017 10:05

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:

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Rouse / Drawdy

Customer: CEN-DIST

Requester: Michael Linger

Field Report Prepared By:

Project ID: SMP

Collected By:

Sampling Agency:

Location	Lake Rouse @ NW Corner of Lake	G2CE0100 Field ID ↑ STORET ↓ G2CE0100	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 11/16/17 Time 1046	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Field ID			Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 5.9	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
STORE	Date: 11/16/2017 RQ-2017-11-13-57		Temp (C) 22.1	pH 6.9	Sample Depth 0.3	Sp. Conductance (umho/cm) 129	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments		
Location	Lake Rouse @ NE Corner of Lake	G2CE0101 Field ID ↑ STORET ↓ G2CE0101	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 11/16/17 Time 1054	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID			Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 6.0	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
STORE	Date: 11/16/2017 RQ-2017-11-13-57		Temp (C) 22.1	pH 6.9	Sample Depth 0.3	Sp. Conductance (umho/cm) 129	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments		
Location	Lake Rouse @ SE Corner of Lake	G2CE0102 Field ID ↑ STORET ↓ G2CE0102	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 11/16/17 Time 1104	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID			Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 6.0	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
STORE	Date: 11/16/2017 RQ-2017-11-13-57		Temp (C) 22.2	pH 6.9	Sample Depth 0.3	Sp. Conductance (umho/cm) 129	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments		
Location	Lake Rouse @ SW Corner of Lake	G2CE0103 Field ID ↑ STORET ↓ G2CE0103	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 11/16/17 Time 1113	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID			Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 6.2	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
STORE	Date: 11/16/2017 RQ-2017-11-13-57		Temp (C) 22.4	pH 6.9	Sample Depth 0.3	Sp. Conductance (umho/cm) 129	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments		

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
MKL	11/16/17 1600	Fed Ex	2	[Signature]	11-17-17/1600

Group: A	Bottle Type:	P-1L	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab	6
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab	6
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 6	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	6
	W-ICP						
	W-ICPMS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 6	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	6
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 6	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	6
	W-PO4-F						

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Rouse / Drawdy

Customer: CEN-DIST

Requester: Michael Linger

Field Report Prepared By: Mike Linger

Project ID: SMP

Collected By: Mike Linger / Let Boman

Sampling Agency: FDEP CE-ROC

Location	Lake Drawdy @ 150m NNE of Center	Field ID	G2CE0079 Field ID ↑ STORET ↓ G2CE0079	Collection (comp begin or grab)	1209 Date 11/16/17 Time 11:13 AM	Eastern Central	Composite end	Date	Time	Bottle Group(s)	(See pg 2)
STOF	Date: 11/16/2017 RQ-2017-11-13-57			Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☒ mg/L ☐ % sat	Total Res. Chlorine	(mg/L)		A	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Temp (C)	22.7	pH	5.8	Sample Depth	0.3	Sp. Conductance (umho/cm)	122
				Salinity (ppt)	Comments						
Location	Lake Drawdy @ 150m S of Center	Field ID	G2CE0078 Field ID ↑ STORET ↓ G2CE0078	Collection (comp begin or grab)	1221 Date 11/16/17 Time 12:21 PM	Eastern Central	Composite end	Date	Time	Bottle Group(s)	
STOF	Date: 11/16/2017 RQ-2017-11-13-57			Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☒ mg/L ☐ % sat	Total Res. Chlorine	(mg/L)		A	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Temp (C)	22.6	pH	5.8	Sample Depth	0.3	Sp. Conductance (umho/cm)	122
				Salinity (ppt)	Comments						
Location		Field ID		Collection (comp begin or grab)		Eastern Central	Composite end	Date	Time	Bottle Group(s)	
STOF #				Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine	(mg/L)			
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Temp (C)		pH		Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)	
				Salinity (ppt)	Comments						
Location		Field ID		Collection (comp begin or grab)		Eastern Central	Composite end	Date	Time	Bottle Group(s)	
STOF #				Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine	(mg/L)			
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	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
AKL	11/16/17 1600	Fed Ex	2	[Signature]	11-17-17 16:00

Group: A	Bottle Type:	P-1L	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab	6
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab	6
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 6	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	6
	W-ICP						
	W-ICPMS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 6	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	6
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 6	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	6
	W-PO4-F						

Date of Request: 26-OCT-2017
 Created By: LINGER_M On: 26-OCT-2017
 Modified By: SWANSON_C On: 02-NOV-2017
 Customer: CEN-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Central District
 Sampling Event: Rouse / Drawdy

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: 27-OCT-2017
 Biology Request Reviewed By: SWANSON_C On: 02-NOV-2017
 Sampling Kit Required: YES Ship on: 06-NOV-2017
 Sampling Kit Shipped: YES On: 03-NOV-2017
 Sampling Kit Packed By: GREENWOO_J
 Preservatives Needed: NO
 Date to Receive Samples: 13-NOV-2017
 Received By: SHAIK_A On: 17-NOV-2017

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 6 Samples:

Bottle Type: P-1L	Number of Bottles: 6	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO ₃ /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-SO ₄ -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: 6	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: 6	Preserved With: HNO ₃
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		

Bottle Group A (Water) With 6 Samples:

Bottle Type: P-500ML	Number of Bottles: 6	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

Cadmium

Copper

Lead

Silver

Bottle Type: P-500ML	Number of Bottles: 6	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: 6	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

FedEx.com 1800.Gof.FedEx 1800.463.3339

0127681333

8119 3904 0795

City TALLAHASSEE

Address 2500 BLAIRSTONE RD

Company FLORIDA DEP/CHEMISTRY SECTION

Phone 850 245-3000

3 To Recipient's Name SAMPLE RECEIVING

2 Your Internal Billing Reference

City Orlando

Address 3319 McGuire Blvd

Company FDEP

Name Mike Luger

Date 11/16/17

1 From Sender's Phone 407 897-4100

FedEx Package US Airbill Express

Tracking Number 8119 3904 0795

Form 0215

Express Package Service

Next Business Day

2 or 3 Business Days

FedEx First Overnight

FedEx Priority Overnight

FedEx Standard Overnight

FedEx 2Day AM

FedEx 2Day

FedEx Express Saver

Special Handling and Delivery Signature Options

Saturday Delivery

No Signature Required

Direct Signature

Indirect Signature

Does this shipment contain dangerous goods?

Payment Bill to:

Sender

Recipient

Third Party

Credit Card

Cash/Check

Total Packages 1

Total Weight 50 lbs

Credit Card Auth.

edEx Express Package US Airbill

Tracking Number 8119 3904 0795

Form 0215

Express Package Service

Next Business Day

2 or 3 Business Days

FedEx First Overnight

FedEx Priority Overnight

FedEx Standard Overnight

FedEx 2Day AM

FedEx 2Day

FedEx Express Saver

Special Handling and Delivery Signature Options

Saturday Delivery

No Signature Required

Direct Signature

Indirect Signature

Does this shipment contain dangerous goods?

Payment Bill to:

Sender

Recipient

Third Party

Credit Card

Cash/Check

Total Packages 1

Total Weight 50 lbs

Credit Card Auth.

0127681333

8119 3904 0795

City TALLAHASSEE

Address 2500 BLAIRSTONE RD

Company FLORIDA DEP/CHEMISTRY SECTION

Phone 850 245-3000

3 To Recipient's Name SAMPLE RECEIVING

2 Your Internal Billing Reference

City Orlando

Address 3319 McGuire Blvd

Company FDEP

Name Mike Luger

Date 11/16/17

1 From Sender's Phone 407 897-4100

FedEx Package US Airbill Express

Tracking Number 8119 3904 0795

Form 0215

Express Package Service

Next Business Day

2 or 3 Business Days

FedEx First Overnight

FedEx Priority Overnight

FedEx Standard Overnight

FedEx 2Day AM

FedEx 2Day

FedEx Express Saver

Special Handling and Delivery Signature Options

Saturday Delivery

No Signature Required

Direct Signature

Indirect Signature

Does this shipment contain dangerous goods?

Payment Bill to:

Sender

Recipient

Third Party

Credit Card

Cash/Check

Total Packages 1

Total Weight 50 lbs

Credit Card Auth.

8119 3904 0784