

Request Number: RQ- 2017-01-16-33
Mirror Lake/Lake Felter/Bear Lake

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Page 1 of 2
last revised Apr 7, 2016

Customer: CEN-DIST

Project ID: SMP

Requester: Michael Linger

Field Report Prepared By: Mike Linger

Collected By: Mike Linger, Natalie Ayala

Sampling Agency: FOEP CE-ROC

Location	Mirror Lake @ Center of North Lobe	G1CE0041	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 1/18/17 Time 1037	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Field ID		Field ID ↑ STORET ↓ G1CE0041	Matrix (type, e.g., Salt, Fresh, etc) Fresh	Diss. Oxygen 9.9	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
STORET #	Date: 01/18/2017 RQ-2017-01-16-33		Temp (C) 20.3	pH 7.5	Sample Depth 0.3	Sp. Conductance (umho/cm) 161	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments		
Location	Lake Felter @ Center	G1CE0042	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 1/18/17 Time 1144	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID		Field ID ↑ STORET ↓ G1CE0042	Matrix (type, e.g., Salt, Fresh, etc) Fresh	Diss. Oxygen 9.6	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
STORET #	Date: 01/18/2017 RQ-2017-01-16-33		Temp (C) 20.1	pH 7.2	Sample Depth 0.3	Sp. Conductance (umho/cm) 133	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments		
Location	Bear Lake @ Center	G1CE0002	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 1/18/17 Time 1352	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID		Field ID ↑ STORET ↓ 20020159	Matrix (type, e.g., Salt, Fresh, etc) Fresh	Diss. Oxygen 8.4	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
STORET #	RQ-2017-01-16-33 Date: 1/18/17		Temp (C) 20.6	pH 4.8	Sample Depth 0.3	Sp. Conductance (umho/cm) 71	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments		
Location			☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time	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)	
STORET #			Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments		

Relinquished By: MKL	Date/Time: 1/18/17 1500	Shipping Method: FedEx	Number of Coolers Shipped: 1	Received By: SK	Date/Time: 1-19-17/10:29
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Group: A	Bottle Type: P-1L	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab	3
ALKALINITY					
TURBIDITY					
W-CL-IC					
W-COLOR					
W-F					
W-SO4-IC					
W-TDS					
W-TSS					
Group: A	Bottle Type: BP-1L	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab	3
CHLSUITE-W					
Group: A	Bottle Type: P-500ML	# of Bottles: 3	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	3
W-NH3					
W-NO2NO3					
W-S-A-TP					
W-TKN					
W-TOC					
Group: A	Bottle Type: P-125ML	# of Bottles: 3	Preservative: ICE-FLTR	Enter Number of Bottles Sent to Lab	3
W-PO4-F					

Printed: 1/19/2017 11:30:31 AM

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Date of Request: 29-DEC-2016
 Created By: LINGER_M On: 29-DEC-2016
 Modified By: MATTHEWS_D On: 03-JAN-2017
 Customer: CEN-DIST
 Project: SMP
 Division:
 District: Central District
 Sampling Event: Lk Felter/Mirror Lk/Bear Lk

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: W
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 30-DEC-2016
 Biology Request Reviewed By: MATTHEWS_D On: 03-JAN-2017
 Sampling Kit Required: YES Ship on: 20-JAN-2017
 Sampling Kit Shipped:
 Sampling Kit Packed By:
 Preservatives Needed: NO
 Date to Receive Samples: 16-JAN-2017
 Received By:

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 3 Samples:

Bottle Type: P-1L	Number of Bottles: 3	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: 3	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, phaeophytin and ratio by spectrophotometry
Bottle Type: P-500ML	Number of Bottles: 3	Preserved With: ICE And H ₂ SO ₄
W-NH ₃	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
W-NO ₂ NO ₃	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: 3	Preserved With: ICE-FLTR
W-PO ₄ -F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Log-in Checklist

RQ- 2017-01-16-33

Shipping Method: Feder

Date/Time of Receipt: 1-19
84-18-17/10:29

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	-0.3	12		✓			

*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: SK

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

Coolers Unpacked/Checked by: SK Date: 1-19-17 NCRs (Y/N)? N

Event ID: CEN-DIST-2017-01-19-01 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 1 ✓

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:

00097

01000

FedEx
Express

 Package
US Airbill

 FedEx
Tracking
Number

8104 1405 7959

1 From

Date

11/18/17

Sender's
Name

Mike Linger

Phone 407 897-4100

Company

FDEP

Address

3315 Maguire Blvd

Dept./Floor/Suite/Room

City

Orlando

State

FL

ZIP

32803

2 Your Internal Billing Reference

3 To

Recipient's
Name

SAMPLE RECEIVING

Phone 850 245-8085

Company

FLORIDA DEP/CHEMISTRY SECTION

Address

2600 BLAIRSTONE RD

Dept./Floor/Suite/Room

Address

Use this line for the HOLD location address or for continuation of your shipping address.

City

TALLAHASSEE

State

FL

ZIP

32377-6542



8104 1405 7959

0124452251

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

- ☐ FedEx First Overnight
Earliest next business morning delivery to select locations. Friday shipments will be delivered on Monday unless Saturday Delivery is selected.
- ☒ FedEx Priority Overnight
Next business morning. * Friday shipments will be delivered on Monday unless Saturday Delivery is selected.
- ☐ FedEx Standard Overnight
Next business afternoon. * Saturday Delivery NOT available.

2 or 3 Business Days

- ☐ FedEx 2Day A.M.
Second business morning. * Saturday Delivery NOT available.
- ☐ FedEx 2Day
Second business afternoon. * Thursday shipments will be delivered on Monday unless Saturday Delivery is selected.
- ☐ 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?

- ☒ No ☐ Yes
One box must be checked. As per attached Shipper's Declaration.
- ☐ Yes
Shipper's Declaration not required.
- ☐ Dry Ice
Dry Ice, 8 UN 1845 x kg
- ☐ Cargo Aircraft Only

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

1

65 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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