

Hatch Canal/Kiss River/Tiger Crk

Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: CEN-DIST

Requester: Michael Linger

Field Report Prepared By:

Terry Riordan

Project ID: SMP

Collected By:

Terry Riordan / Mike Brennan

Sampling Agency:

21 FLCKN

Tiger Creek 1.45 km DS of Lk Kissimmee		G4CE0070 Field ID ↑ STORET ↓ G4CE00070		☐ Comp ☒ Grab Collection (comp begin or grab) Date 2/27/17 Time 1155		☒ Eastern ☐ Central	Composite end Date _____ Time _____		Bottle Group(s) (See pg 2) A	
Date: 02/27/2017 RQ-2017-02-27-52		Latitude ☐ dd ☐ dms Longitude ☐ dd ☐ dms		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen ☒ mg/L ☐ % sat 6.8		Total Res. Chlorine (mg/L)		
				Temp (C) 22.1		pH 6.7		Sample Depth .3 ☐ ft ☒ m		Sp. Conductance (umho/cm) 111
				Salinity (ppt) .05		Comments				
Kissimmee River @ 500m US of Lk Kissimmee		G4CE01401 Field ID ↑ STORET ↓ G4CE01403		☐ Comp ☒ Grab Collection (comp begin or grab) Date 2/27/17 Time 1253		☒ Eastern ☐ Central	Composite end Date _____ Time _____		Bottle Group(s) A	
Date: 02/27/2017 RQ-2017-02-27-52		Latitude ☐ dd ☐ dms Longitude ☐ dd ☐ dms		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen ☒ mg/L ☐ % sat 7.7		Total Res. Chlorine (mg/L)		
				Temp (C) 22.6		pH 7.0		Sample Depth .3 ☐ ft ☒ m		Sp. Conductance (umho/cm) 157
				Salinity (ppt) .07		Comments				
Hatchineha Canal 50 yds S of Cypress Lake		G4CE0140 Field ID ↑ STORET ↓ G4CE0140		☐ Comp ☒ Grab Collection (comp begin or grab) Date 2/27/17 Time 1321		☒ Eastern ☐ Central	Composite end Date _____ Time _____		Bottle Group(s) A	
Date: 02/27/2017 RQ-2017-02-27-52		Latitude ☐ dd ☐ dms Longitude ☐ dd ☐ dms		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen ☒ mg/L ☐ % sat 8.6		Total Res. Chlorine (mg/L)		
				Temp (C) 22.3		pH 7.7		Sample Depth .3 ☐ ft ☒ m		Sp. Conductance (umho/cm) 161
				Salinity (ppt) .08		Comments				
Field ID		STORET #		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
Temp (C)		pH		Sample Depth		☐ ft ☐ m		Sp. Conductance (umho/cm)		
Latitude ☐ dd ☐ dms Longitude ☐ dd ☐ dms		Salinity (ppt)		Comments						

Relinquished By: Mike Brennan	Date/Time 2/27/17	Shipping Method FedEx	Number of Coolers Shipped: 1	Received By: J.D.	Date/Time 2/28/17 10:00
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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						

Date of Request: 09-FEB-2017
 Created By: LINGER_M On: 09-FEB-2017
 Modified By: SWANSON_C On: 10-FEB-2017
 Customer: CEN-DIST
 Project: SMP
 Division:
 District: Central District
 Sampling Event: Hatch Canal/Kiss River/Tiger Crk

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: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 10-FEB-2017
 Biology Request Reviewed By: SWANSON_C On: 10-FEB-2017
 Sampling Kit Required: YES Ship on: 21-FEB-2017
 Sampling Kit Shipped: YES On: 20-FEB-2017
 Sampling Kit Packed By: REYNOLDS_T
 Preservatives Needed: NO
 Date to Receive Samples: 27-FEB-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

RQ- 2017-02-27-52

Log-in Checklist

Shipping Method: Fed ExDate/Time of Receipt: 2/28/17 10:00

Cooler ID	Cooler Temperature*	No. Sample Containers in Cooler	Evidence Tape		Tracking # (fill out only if waybill copy is damaged)	
			Present? Yes No	*Intact? Yes No		
<u>LED</u>	<u>7.3°C</u>	<u>12</u>		☒		<u>8101 1201 3450</u>

*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: J.D.

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

Coolers Unpacked/Checked by: J.D. Date: 2/28/17

NCRs (Y/N)? Y

Event ID: CEM-DIST-2017-02-28-01

NCR # 6312

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:

From: [Linger, Michael](#)
To: [Greenwood, Jhamieka](#)
Cc: [Watts, John](#); [White, Ramsey](#)
Subject: RE: RQ-2017-02-27-52
Date: Tuesday, March 21, 2017 4:15:07 PM

Please qualify it.

Thank you,

Michael Linger
Environmental Specialist
Florida Department of Environmental Protection
Division of Environmental Assessment and Restoration
3319 Maguire Blvd. Suite 232
Orlando FL, 32803
407-897-4180

From: Greenwood, Jhamieka
Sent: Monday, March 20, 2017 1:13 PM
To: Linger, Michael <Michael.Linger@dep.state.fl.us>
Cc: Watts, John <John.Watts@dep.state.fl.us>; White, Ramsey <Ramsey.White@dep.state.fl.us>
Subject: RQ-2017-02-27-52

Good afternoon,

The cooler received for this RQ (Event: CEN-DIST-2017-02-28-01) exceeded the acceptable cooler temperature limit for ice preserved samples at 7.3 deg C. Do you want the data results for these samples to be qualified? Please let me know if you have any questions.

Thanks,

Jhamieka S. Greenwood

Florida DEP Labs
Laboratory Tech IV
Scientific Support
Voice: (850) 245-8153
Direct: 58153
Jhamieka.Greenwood@dep.state.fl.us

00243

01000

16212

fedex.com 1800.GoFedEx 1800.463.3339

06175033

FedEx
ExpressPackage
US AirbillFedEx
Tracking
Number

8104 1261 3450

0215

Recipient

1 From

Date

2/22/17

Sender's
Name

Mike Lingo

Phone

01-97-100

Company

FOEP

Address

3315 Maguire Blvd

City

Orlando

State

FL 32803

2 Your Internal Billing Reference

3 To

Recipient's
Name

SAMPLE RECEIVING

Phone

0 245-8085

Company

FLORIDA DEP/CHEMISTRY SECTN

Address

2600 BLAIRSTONE RD

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Address

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

City

TALLAHASSEE

State

FL

ZIP

32399-6542

Hold Weekday
FedEx location address
REQUIRED. NOT available for
FedEx First Overnight.Hold Saturday
FedEx location address
REQUIRED. Available ONLY for
FedEx Priority Overnight and
FedEx 2Day to select locations.

Express Package Service

* To most locations.

Package
For package
FedEx Expr

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 si
will be delivered on Monday unless Satur
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

6 Special Handling and Delivery Signature Options Fees may apply. See th

☐ 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 Si
If no one is ava
address, some
address may si
residential deli

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, 9, UN 1845☐ Cargo Aircra

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

7 Payment Bill to:

Enter FedEx Acct. No. or Credit Card No. below.

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

Total Packages

Total Weight

1 50 lbs.

Credit Card Auth.



8104 1261 3450

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