

Kitchen, Shawn

From: Linger, Michael
Sent: Thursday, July 14, 2016 12:48 PM
To: Kitchen, Shawn
Cc: Drennan, Lawrence
Subject: RE: MISSING COLLECTION TIME

The collection time for Orange Creek @ CR 21 is 11:46 EST

RQ-2016-07-11-52

Sorry for the inconvenience,

Michael Linger
Environmental Specialist
FDEP Central District
Water Quality Assessment Program
3319 Maguire Blvd. Suite 232
Orlando FL, 32803
407-897-4180

From: Kitchen, Shawn
Sent: Thursday, July 14, 2016 11:37 AM
To: Linger, Michael; Drennan, Lawrence
Subject: MISSING COLLECTION TIME
Importance: High

Hi Mike's ☺

The collection time is missing for the site location Orange Creek @ CR 21. Can you please email me the collection time?

Thank you

Shawn Kitchen
Lab Tech
DEP-Lab Support
Lab ph. 850-245-8082
Shawn.Kitchen@dep.state.fl.us

Orange Creek

Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: CEN-DIST

Requester: Michael Linger

Field Report Prepared By: Mike Linger

Project ID: SMP

Collected By: Mike Linger, Mike Drannen

Sampling Agency: FDEP CE-ROC

Location	Orange Creek @ East Side of US 301 Bridge	G1CE0027 Field ID ↑ STORET ↓ 20020216	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7/13/16 Time 11:06	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Field ID			Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
STORET #			Temp (C) 24.9	pH 5.8	Sample Depth 0.3	Sp. Conductance (umho/cm) 92	
Latitude	RQ-2016-07-11-52		Salinity (ppt)	Comments			
Location	Orange Creek @ CR 21	G1CE0028 Field ID ↑ STORET ↓ 20020560	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7/13/16 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)	A
STORET #			Temp (C) 25.4	pH 7.0	Sample Depth 0.2	Sp. Conductance (umho/cm) 118	
Latitude	RQ-2016-07-11-52		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			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			Salinity (ppt)	Comments			

Relinquished By: MKC	Date/Time: 7/13/16 14:30	Shipping Method: FedEx	Number of Coolers Shipped: 1	Received By: SK	Date/Time: 7/14/16/10:10
----------------------	--------------------------	------------------------	------------------------------	-----------------	--------------------------

Group: A	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
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:	HNO3	Enter Number of Bottles Sent to Lab	2
	W-ICP						
	W-ICPMS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	2
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 2	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab	2
	W-PO4-F						

Printed: 7/14/2016 11:25:22 AM

Page 1 of 2

Date of Request: 23-JUN-2016
 Created By: LINGER_M On: 23-JUN-2016
 Modified By: MATTHEWS_D On: 27-JUN-2016
 Customer: CEN-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Central District
 Sampling Event: Orange Creek

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: 24-JUN-2016
 Biology Request Reviewed By: MATTHEWS_D On: 27-JUN-2016
 Sampling Kit Required: YES Ship on: 30-JUN-2016
 Sampling Kit Shipped: YES On: 29-JUN-2016
 Sampling Kit Packed By: REYNOLDS_T
 Preservatives Needed: NO
 Date to Receive Samples: 11-JUL-2016
 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 2 Samples:

Bottle Type: P-1L	Number of Bottles: 2	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: 2	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: 2	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 2 Samples:

Bottle Type: P-500ML	Number of Bottles: 2	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: 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
W-TOC	Template: DEFAULT	(SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices

Bottle Type: P-125ML	Number of Bottles: 2	Preserved With: ICE-FLTR
W-PO4-F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

RQ-2016-07-11-52

Log-in Checklist

Shipping Method:

Fedex

Date/Time of Receipt:

7-14-16/10:00

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		
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					

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:

7-14-16

NCRs (Y/N)?

N

Event ID:

CEN-DIST-2016-07-14-02

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:



Package
US Airbill

FedEx
Tracking
Number

8103 9283 0809

n

7/13/2016

ler's
o

Mike Linger

Phone

407 897-4100

any

FDEP

SS

3319 Maguire Blvd

Dept./Floor/Suite/Room

Orlando

State

FL

ZIP

32803

Internal Billing Reference

ient's

SAMPLE RECEIVING

Phone

850 245-8085

any

FLORIDA DEP/CHEMISTRY SECTION

SS

2600 BLAIRSTONE RD

Hold Weekday

FedEx location address
REQUIRED. NOT available for
FedEx First Overnight.

☐

SS

not deliver to P.O. boxes or P.O. ZIP codes.

Dept./Floor/Suite/Room

Hold Saturday

FedEx location address
REQUIRED. Available ONLY for
FedEx Priority Overnight and
FedEx 2Day to select locations.

☐

Line for the HOLD location address or for continuation of your shipping address.

TALLAHASSEE

State

FL

ZIP

32399

0124031825



8103 9283 0809

Form
ID No.

0215

Recipient's Copy

4 Express Package Service

* To most locations.

Packages up to 150 lbs.
Per 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?

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

Restrictions apply to dangerous goods. See the current FedEx Service Guide.

☐ 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

Total Packages

Total Weight

Credit Card Auth.

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