

From: [DEP-Overflowmicro](#)
To: [Ayres, Joshua](#)
Cc: [Reaves, Shawn D](#); [Ayala, Natalie](#); [Savage, Jacqueline](#)
Subject: FW: SMP 2017-06-26-34
Date: Monday, July 10, 2017 4:23:57 PM
Attachments: [image002.png](#)
[image003.png](#)
[CEN-DIST-2017-06-30-02 EAU GALLIE-CRANE 06-30..pdf](#)
[336313.pdf](#)
[image005.png](#)

Hello Joshua,

Perhaps you can help me with this.

Please see the conversation below and let me know if you need more information.

Carina.



Carina Tull
Biological Scientist I
FDEP Laboratory - Biology Program
Florida Department of Environmental Protection
Carina.Tull@dep.state.fl.us
Office: 850.245.8174

From: Ayala, Natalie
Sent: Monday, July 10, 2017 3:03 PM
To: DEP-Overflowmicro <DEP-Overflowmicro@dep.state.fl.us>; Riordan, Terry
<Terry.Riordan@dep.state.fl.us>
Cc: Williams, Kathryn M. <Kathryn.M.Williams@dep.state.fl.us>
Subject: RE: SMP 2017-06-26-34

Carina,

Terry is in the field. I've pulled the field sheets for that day. The collection times and stations on the Overflow lab COC are correct and match our field sheets.

The label on the DEP submittal form has the wrong STORET and Field ID for the Crane Creek site. This would mean that the bottles were also incorrectly labeled as G5CE0068 instead of G5CE0089. The correct information is below.

I'm not sure what the best correction for this is. I'd imagine amending the overflow COC to reflect the G5CE0068 ID would be the quickest fix to keep it consistent with the other bottles/report. We can then change the STORET ID in the LIMS DMT ourselves before uploading this report into WIN/STORET.

Location Description: Crane Creek @ Country Club Road
Station: G5CE0089
Collection Time: 1235

Location Description: Eau Callie River @ Ballard Park Ramp
Station: G5CE0088
Collection Time: 1330

Thanks,
Natalie Ayala

From: DEP-Overflowmicro
Sent: Monday, July 10, 2017 2:17 PM
To: Riordan, Terry <Terry.Riordan@dep.state.fl.us>
Cc: Williams, Kathryn M. <Kathryn.M.Williams@dep.state.fl.us>; Ayala, Natalie <Natalie.Ayala@dep.state.fl.us>
Subject: FW: SMP 2017-06-26-34

Hello Terry,

I have two different field ID's with the same date and time of collection. Can you please let me know if this is correct or, if there is a typo on the overflow's chain of custody?

Thank You,
Carina.

DEP -Chain of custody

Customer: CEN-DIST Project ID: SMP		Requested by: MICHAEL LINGER		Field Request Prepared by: KATHY WILLIAMS	
Location: Crane Creek at County Club Road		Collected by: Terry Riordan		Sampling Agency: 2IFCEN	
Field ID: G5CE0068	Field ID: STORET	Collection (comp, begin or grab): ☒ Grab		Date: 6/29/17 Time: 1235	
STORET #: RQ-2017-06-26-34	Date: 06/29/17	Matrix (type, e.g., Salt, Fresh, etc): salt		Diss. Oxygen: 10.4	
Latitude: ☐ dd ☐ mm ☐ dms	Longitude: ☐ dd ☐ mm ☐ dms	Temp (C): 32.7	pH: 9.0	Sample Depth: 0.3 m	Sp. Conductance (umho/cm): 26845
Salinity (ppt): 16.3		Total Res. Chlorine (mg/L): n/a		Bottle Group(s) (See pg 2): B	

OVERFLOW LAB -Chain of custody

		Client Name: Department of Environmental Protection Address: 3319 Maguire Blvd Suite 232, Orlando, FL 32803 Project Manager: Natalie Ayala / Michael Linger / Kalina Warren Telephone Number: (407) 897-4100	Project Name: <u>SMP</u> Project Number (RQ): <u>2017-06-26-34</u> Site Location: <u>Crane Creek/Evan Galtie</u> Sampler Names: <u>KMW, TR</u>
Contract PO # <u>Flowers - AF3159</u> <u>Pace - AF3150</u>			

FIELD ID	Date	Time Sampled	No. of Containers	Grab	Composite	Preservative				Matrix				Analyze For:		
						ICE	HCL	HNO3	NONE	Groundwater	Wastewater	Drinking Water	Surface Water	Escherichia Coli (ECQ)	Enterococci (ENO)	Fecal Coliform (FC)
ab th 336313 SW1 SW2 GSCE0088	6/29/17	1330	1	X		X							X			
GSCE0089	6/29/17	1235	1	X		X						X				



Carina Tull
 Biological Scientist I
 FDEP Laboratory - Biology Program
 Florida Department of Environmental Protection
Carina.Tull@dep.state.fl.us
 Office: 850.245.8174

From: labinfo@flowerslabs.com [<mailto:labinfo@flowerslabs.com>]

Sent: Friday, June 30, 2017 4:06 PM

To: Matthews, Daisys <Daisys.Matthews@dep.state.fl.us>; DEP-Overflowmicro <DEP-Overflowmicro@dep.state.fl.us>; Ayala, Natalie <Natalie.Ayala@dep.state.fl.us>

Subject: SMP 2017-06-26-34

Chain of Custody

Do not reply to this e-mail address. Please verify your login information seen below.
 Contact your Project Manager with any questions or corrections. Did You Know?
 About 78% of the average human brain consists of water.



General Information

Client:	FDEP- Orlando	Client Project Number:	SMP 2017-06-26-34
Number of Samples:	2	Date Required by Client:	7/11/2017
P. O. Number:		FCL Project Manager:	June Flowers june@flowerslabs.com

Samples Logged

336313SW1	Sample Matrix:	Surface Water	Date Sampled:	6/29/2017
	Description:	G5CE0088	Time Sampled:	1:30 PM
336313SW2	Sample Matrix:	Surface Water	Date Sampled:	6/29/2017
	Description:	G5CE0089	Time Sampled:	12:35 PM

Tests Ordered

336313SW1	G5CE0088
ENTEROLERT	Enterococci
336313SW2	G5CE0089
ENTEROLERT	Enterococci

This e-mail may contain privileged or confidential information. If you are not the intended recipient: (1) you may not disclose, use, distribute, copy or rely upon this message or attachment(s); and (2) please notify the sender by reply e-mail, and then delete this message and its attachment(s). Flowers Chemical Laboratories Inc. and its affiliates disclaim all liability for any errors, omissions, corruption or virus in this message or any attachments.

Eau Gallie / Crane

Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: CEN-DIST

Requester: Michael Linger

Field Report Prepared By: Kate Williams

Project ID: SMP

Collected By: Terry RiordanSampling Agency: 21FCEN

Location	Crane Creek at County Club Road	G5CE0068 Field ID ↑ STORET ↓ G5CE0068	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>6/29/17</u> Time <u>1235</u>	<u>Eastern</u> Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)
Field ID			Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen <u>10.4</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) <u>n/a</u>	<u>B</u>
STORET #	RQ-2017-06-26-34 Date: 06/29/17		Temp (C) <u>32.7</u>	pH <u>8.0</u>	Sample Depth <u>0.3</u>	Sp. Conductance (umho/cm) <u>26845</u>	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) <u>16.3</u>	Comments		
Location	Eau Gallie River @ Ballard Park Boat Ramp	G5CE0088 Field ID ↑ STORET ↓ G5CE0088	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>6/29/17</u> Time <u>1330</u>	<u>Eastern</u> Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID			Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen <u>12.1</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) <u>n/a</u>	<u>A</u>
STORET #	RQ-2017-06-26-34 Date: 06/29/17		Temp (C) <u>33.0</u>	pH <u>8.1</u>	Sample Depth <u>0.3</u>	Sp. Conductance (umho/cm) <u>40340</u>	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) <u>24.9</u>	Comments		
Location	Eau Gallie River @ Ballard Park Boat Ramp (Duplicate)	G5CE0088 D Field ID ↑ STORET ↓ G5CE0088_D	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>6/29/17</u> Time <u>1330</u>	<u>Eastern</u> Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID			Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen <u>12.1</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) <u>n/a</u>	<u>C</u>
STORET #	RQ-2017-06-26-34 Date: 06/29/17		Temp (C) <u>33.0</u>	pH <u>8.1</u>	Sample Depth <u>0.3</u>	Sp. Conductance (umho/cm) <u>40340</u>	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) <u>24.9</u>	Comments		
Location	Field Blank	Field Blank Field ID ↑ STORET ↓ FieldBlank	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>6/29/17</u> Time <u>1345</u>	<u>Eastern</u> 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)	<u>C</u>
STORET #	RQ-2017-06-26-34 Date: 06/29/17		Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments		

Relinquished By: <u>K Williams</u>	Date/Time: <u>6/29/17 1600</u>	Shipping Method: <u>FeDEX</u>	Number of Coolers Shipped: <u>1</u>	Received By: <u>SR</u>	Date/Time: <u>6-30-17/10:00</u>
------------------------------------	--------------------------------	-------------------------------	-------------------------------------	------------------------	---------------------------------



CONTRACT LAB - CHAIN OF CUSTODY

Client Name: Department of Environmental Protection
Address: 3319 Maguire Blvd Suite 232, Orlando, FL 32803
Project Manager: Natalie Ayala / Michael Linger / Kalina Warren
Telephone Number: (407) 897-4100

Contract/PO # Flowers - AF3159 Pace - AF3150

Project Name: SMP
Project Number (RQ): 2017-06-26-34
Site Location: Crane Creek / Pan Galle
Sampler Names: KMW, TR

FIELD ID	Date	Time Sampled	No. of Containers	Grab	Composite	Preservative				Matrix				Analyze For:		
						ICE	HCL	HNO3	NONE	Groundwater	Wastewater	Drinking Water	Surface Water	Escherichia Coli (ECQ)	Enterococci (ENQ)	Fecal Coliform (FC)
Lab # 336313 SW1 SW2																
GSCE0088	6/29/17	1330	1	X		X							X		X	
GSCE0089	6/29/17	1235	1	X		X							X		X	

Special Instructions:

Samples are ambient water and not suspected to contain chlorine

Relinquished by:	Date	Time	Received by:	Date	Time	Comments
<u>K. Williams</u>	6/29/17	1515	<u>TR</u>	6-29	15:23	Temp Upon Receipt: <u>67.1</u>
Relinquished by:	Date	Time	Received by:	Date	Time	Sample Containers Intact?
						<u>Y</u> N

Group: A	Bottle Type: P-250ML-WI-THI CD-FLR-ECQ	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	0
Group: A	Bottle Type: QPCR-P-250ML PCR-FILTER	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
Group: A	Bottle Type: BG-1L W-AHERB-AA W-SUC-AA-R W-UHERB-AA	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
Group: B	Bottle Type: P-250ML-WI-THI CD-FLR-ECQ	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	0
Group: B	Bottle Type: QPCR-P-250ML PCR-FILTER	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
Group: B	Bottle Type: BG-1L W-AHERB-AA W-SUC-AA-R W-UHERB-AA	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
Group: C	Bottle Type: BG-1L W-AHERB-AA W-SUC-AA-R W-UHERB-AA	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2

Printed: 6/30/2017 10:24:01 AM

Page 1 of 1

Date of Request: 08-JUN-2017
 Created By: LINGER_M On: 08-JUN-2017
 Modified By: MATTHEWS_D On: 12-JUN-2017
 Customer: CEN-DIST
 Project: SMP
 Division:
 District: Central District
 Sampling Event: Eau Gallie / Crane

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: 09-JUN-2017
 Biology Request Reviewed By: MATTHEWS_D On: 12-JUN-2017
 Sampling Kit Required: YES Ship on: 13-JUN-2017
 Sampling Kit Shipped: YES On: 14-JUN-2017
 Sampling Kit Packed By: SHAIK_A
 Preservatives Needed: NO
 Date to Receive Samples: 26-JUN-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: A: Eau Gallie
 B: Crane
 C: DUP & Blank

Bottle Group A (Water) With 1 Samples:

Bottle Type: CD-FLR-ECQ Number of Bottles: 1 Preserved With: ICE
 Template: DEFAULT (SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method by FlowersOverflow Laboratory for Central District
 Bottle Type: QPCR-P-250ML Number of Bottles: 2 Preserved With: ICE
 Template: DEFAULT (SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis
 Bottle Type: BG-1L Number of Bottles: 1 Preserved With: ICE
 Template: DEFAULT (USGS O-2060-01) Chlorinated (phenoxy acid) herbicides in water matrices by HPLC/MS/MS
 W-AHERB-AA Template: DEFAULT (EPA 8321B) Analysis of sucralose in water matrices by HPLC/MS/MS
 W-SUC-AA-R Template: DEFAULT (USGS O-2060-01) Urea herbicides and other chemicals in water matrices by HPLC/MS/MS
 W-UHERB-AA Template: DEFAULT

Bottle Group B (Water) With 1 Samples:

Bottle Type: CD-FLR-ECQ Number of Bottles: 1 Preserved With: ICE
 Template: DEFAULT (SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method by FlowersOverflow Laboratory for Central District
 Bottle Type: QPCR-P-250ML Number of Bottles: 2 Preserved With: ICE
 Template: DEFAULT (SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis
 Bottle Type: BG-1L Number of Bottles: 1 Preserved With: ICE
 Template: DEFAULT (USGS O-2060-01) Chlorinated (phenoxy acid) herbicides in water matrices by HPLC/MS/MS
 W-AHERB-AA Template: DEFAULT (EPA 8321B) Analysis of sucralose in water matrices by HPLC/MS/MS
 W-SUC-AA-R Template: DEFAULT (USGS O-2060-01) Urea herbicides and other chemicals in water matrices by HPLC/MS/MS
 W-UHERB-AA Template: DEFAULT

Bottle Group C (Water) With 2 Samples:

Bottle Type: BG-1L Number of Bottles: 2 Preserved With: ICE
 Template: DEFAULT (USGS O-2060-01) Chlorinated (phenoxy acid) herbicides in water matrices by HPLC/MS/MS
 W-AHERB-AA Template: DEFAULT (EPA 8321B) Analysis of sucralose in water matrices by HPLC/MS/MS
 W-SUC-AA-R Template: DEFAULT (USGS O-2060-01) Urea herbicides and other chemicals in water matrices by HPLC/MS/MS
 W-UHERB-AA Template: DEFAULT

* - The laboratory is not NELAP certified for this analyte/method, or certification is not applicable.

Log-in Checklist

RQ- 2017 06 26-34

Shipping Method: Redex

Date/Time of Receipt: 6-30-17/10:00

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		
White	12.8	8		✓			

*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: 6-30-17

NCRs (Y/N)? N

Event ID: CEN-DIST-2017-06-30-02

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:

00081

01000

FedEx Package
Express US Airbill
FedEx
Tracking
Number

8115 9551 3235

1 From

Date 4/27/17

Sender's
Name

Katie Williams

Phone

407.297.4100

Company

FDER

Address

3319 Maguire Blvd Ste 232

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

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

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.

4 Express Package Service

at most locations.

Next Business Day

☐ FedEx First Overnight

Earliest next business morning delivery to select locations. Friday shipments will be delivered 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?

If 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

kg

☐ 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.

☐ Sender

Acct. No. in Section 1 will be billed.

☒ Recipient☐ Third Party☐ Credit Card☐ Cash/Check

Total Packages

Total Weight

lbs.

Credit Card No.

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

611

Rev. Date 5/15 • Part #163134 • ©1994-2015 FedEx • PRINTED U.S.A. 5PM

fedex.com 1800.GoFedEx 1800.463.3339

fedex.com 1800.GoFedEx 1800.463.3339



8115 9551 3235

0126912290