

Request Number: RQ-2017-06-26-63

Howell Creek/Smith Canal

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:

Katie Williams

Collected By:

Mike Linger

Sampling Agency:

21FCEN

Location	Howell Creek @ 150m Upstream of Lake Howell		G2CE0072 Field ID STORET		☐ Comp ☒ Grab Collection (comp begin or grab) Date 6/28/17 Time 1043 Eastern Central		Composite end Date Time		Bottle Group(s) (See pg 2)	
Field ID					Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 4.1		☒ mg/L ☐ % sat Total Res. Chlorine (mg/L) n/a	
STORET #	RQ-2017-06-26-63 Date: 06/28/17		G2CE0072		Temp (C) 27.2		pH 6.6		Sample Depth 0.3	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 0.16	Comments		☐ ft ☒ m Sp. Conductance (umho/cm) 333		A	
Location	Smith Canal Upstream of Nebraska Ave		G2CE0073 Field ID STORET		☐ Comp ☒ Grab Collection (comp begin or grab) Date 6/28/17 Time 1002 Eastern Central		Composite end Date Time		Bottle Group(s)	
Field ID					Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 1.3		☒ mg/L ☐ % sat Total Res. Chlorine (mg/L) n/a	
STORET #	RQ-2017-06-26-63 Date: 06/28/17		G2CE0073		Temp (C) 27.7		pH 6.9		Sample Depth 0.3	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 0.16	Comments		☐ ft ☒ m Sp. Conductance (umho/cm) 348		A	
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	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments		☐ ft ☐ m Sp. Conductance (umho/cm)			
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	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments		☐ ft ☐ m Sp. Conductance (umho/cm)			

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
K Williams	6/28/17 1500	FedEx	1	Tyler Reynolds	06/29/17 @ 10:00

Date of Request: 28-JUN-2017
 Created By: LINGER_M On: 28-JUN-2017
 Modified By: LINGER_M On: 28-JUN-2017
 Customer: CEN-DIST
 Project: SMP
 Division:
 District: Central District
 Sampling Event: Howell Creek / Smith Canal

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: P
 Criminal Investigation: NO
 Chemistry Request Reviewed By:
 Biology Request Reviewed By:
 Sampling Kit Required: NO Ship on:
 Sampling Kit Shipped:
 Sampling Kit Packed By:
 Preservatives Needed: NO
 Date to Receive Samples: 28-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:

Bottle Group A (Water) With 2 Samples:

Bottle Type:	Number of Bottles:	Preserved With:
CD-FLR-ECQ Template: DEFAULT		(SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method by FlowersOverflow Laboratory for Central District
Escherichia Coli-Quanti-Tray		
PCR-FILTER Template: DEFAULT		(SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis
*HF183 - Human Source Marker		
PCR-GFD Template: DEFAULT		(SOP-PCR-1.3) Detection and quantification of bird specific Helicobacter genetic marker with quantitative polymerase chain reaction
*GFD-purified-qPCR		
PCR-GULL2 Template: DEFAULT		(SOP-PCR-1.2) Detection and quantification of coastal bird specific Catellicoccus marimammalium genetic marker with quantitative polymerase chain reaction
*GULL2-qPCR		
W-AHERB-AA Template: DEFAULT		(USGS O-2060-01) Chlorinated (phenoxy acid) herbicides in water matrices by HPLC/MS/MS
*Triclopyr		
2,4-D		
Bentazon		
MCPP		
W-SUC-AA-R Template: DEFAULT		(EPA 8321B) Analysis of sucralose in water matrices by HPLC/MS/MS
*Sucralose		
W-UHERB-AA Template: DEFAULT		(USGS O-2060-01) Urea herbicides and other chemicals in water matrices by HPLC/MS/MS
*Acetaminophen		
*Carbamazepine		
*Fluridone		
*Primidone		
Diuron		
Fenuron		
Imidacloprid		
Linuron		

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

All bottles returned except

2017-06-26-64 (S)
RQ- 2017-06-26-63 (6)

Log-in Checklist

Shipping Method: Fedex

Date/Time of Receipt: 06/29/17 @ 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	
<u>Red</u>	<u>2.2°C</u>	<u>11</u>		☒			<u>811171110053</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: ML

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

Coolers Unpacked/Checked by: ML Date: 06/29/17 NCRs (Y/N)? N

Event ID: CEN-DIST-2017-06-29-01 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 ✓

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: