

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Customer: CEN-DIST

Requester: Michael Linger

Field Report Prepared By:

Terry Riordan

Project ID: SMP

Collected By:

Terry Riordan/Leif Boman

Sampling Agency:

21 FL CEN

Location	RQ-2017-10-23-30 Crane Strand @	Field ID	100m DS of Econ Trl Brid	Date	10/24/2017	Time		Latitude	☐ dd ☐ dms	Longitude		Salinity (ppt)	☐ dd ☐ dms	Comments		Bottle Group(s)	(See pg 2)
G2CE0076		Field ID ↑ STORET ↓		G2CE0076													
☐ Comp ☒ Grab		Collection (comp begin or grab)		Date 10-24-17		Time 1005		☒ mg/L ☐ % sat		Diss. Oxygen 5.4		Total Res. Chlorine (mg/L)		Sample Depth 0.3		Sp. Conductance (umho/cm) 216	
Matrix (type, e.g., Salt, Fresh, etc)		Temp (C) 25.8		pH 6.8		Sample Depth 0.3		ft ☐ m ☒		Sp. Conductance (umho/cm) 216							
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Salinity (ppt) 0.1		Comments							
Location	RQ-2017-10-23-30 Crane Strand Drain @	Field ID	100m US of University Blvd.	Date	10/24/2017	Time		Latitude	☐ dd ☐ dms	Longitude		Salinity (ppt)	☐ dd ☐ dms	Comments		Bottle Group(s)	7K B/C C
G2CE0077		Field ID ↑ STORET ↓		G2CE0077													
☐ Comp ☒ Grab		Collection (comp begin or grab)		Date 10-24-17		Time 1040		☒ mg/L ☐ % sat		Diss. Oxygen 5.4		Total Res. Chlorine (mg/L)		Sample Depth 0.3		Sp. Conductance (umho/cm) 268	
Matrix (type, e.g., Salt, Fresh, etc)		Temp (C) 25.5		pH 6.9		Sample Depth 0.3		ft ☐ m ☒		Sp. Conductance (umho/cm) 268							
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Salinity (ppt) 0.1		Comments							
Location	RQ-2017-10-23-30 Crane Strand Drain_DUP @	Field ID	100 m US of University Blvd	Date	10/24/2017	Time		Latitude	☐ dd ☐ dms	Longitude		Salinity (ppt)	☐ dd ☐ dms	Comments		Bottle Group(s)	7K B/C B
G2CE0077 D		Field ID ↑ STORET ↓		G2CE0077													
☐ Comp ☒ Grab		Collection (comp begin or grab)		Date 10-24-17		Time 1042		☒ mg/L ☐ % sat		Diss. Oxygen 5.4		Total Res. Chlorine (mg/L)		Sample Depth 0.3		Sp. Conductance (umho/cm) 268	
Matrix (type, e.g., Salt, Fresh, etc)		Temp (C) 25.5		pH 6.9		Sample Depth 0.3		ft ☐ m ☒		Sp. Conductance (umho/cm) 268							
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Salinity (ppt) 0.1		Comments							
Location	RQ-2017-10-23-30	Field ID	FIELD BLANK	Date	10/24/2017	Time		Latitude	☐ dd ☐ dms	Longitude		Salinity (ppt)	☐ dd ☐ dms	Comments		Bottle Group(s)	7K B/C B
G2CE0077		Field ID ↑ STORET ↓		G2CE0077													
☐ Comp ☒ Grab		Collection (comp begin or grab)		Date 10-24-17		Time 1050		☐ mg/L ☐ % sat		Diss. Oxygen		Total Res. Chlorine (mg/L)		Sample Depth		Sp. Conductance (umho/cm)	
Matrix (type, e.g., Salt, Fresh, etc)		Temp (C)		pH		Sample Depth		ft ☐ m ☐		Sp. Conductance (umho/cm)							
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Salinity (ppt)		Comments							

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Terry Riordan	10-24-17/1348	FedEx	1	Tyler R.	10/25/17 @ 10:00

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: 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
Group: C	Bottle Type: P-250ML-WI-THI CD-FLR-ECQ	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	0
Group: C	Bottle Type: QPCR-P-250ML PCR-FILTER PCR-HF183	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
Group: C	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

Date of Request: 05-OCT-2017
 Created By: LINGER_M On: 05-OCT-2017
 Modified By: SWANSON_C On: 06-OCT-2017
 Customer: CEN-DIST
 Project: SMP
 Division:
 District: Central District
 Sampling Event: Crane Strand / Crane Strand Drain

Send Coolers To:

Phone: 407-897-4180
 FL Dept. of Environmental Protection
 3319 Maguire Blvd., Suite 232
 Orlando, FL 32803-3767
 Attn: Mike Linger

Send Final Report To:

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: 06-OCT-2017
 Biology Request Reviewed By: SWANSON_C On: 06-OCT-2017
 Sampling Kit Required: YES Ship on: 11-OCT-2017
 Sampling Kit Shipped: YES On: 11-OCT-2017
 Sampling Kit Packed By: SHAIK_A
 Preservatives Needed: NO
 Date to Receive Samples: 23-OCT-2017
 Received By:

Report Type: Final Only
 FTP Data: NO
 QC Report: YES
 Date Log: NO
 Authorization Log: NO

Comments: A: Crane Strand
 B: DUP & Blank
 C: Crane Strand Drain

Bottle Group A (Water) With 1 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
Bottle Type: QPCR-P-250ML	Number of Bottles: 2	Preserved With: ICE
PCR-FILTER	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
W-AHERB-AA	Template: DEFAULT	(USGS O-2060-01) Chlorinated (phenoxy acid) herbicides in water matrices by HPLC/MS/MS
W-SUC-AA-R	Template: DEFAULT	(EPA 8321B) Analysis of sucralose in water matrices by HPLC/MS/MS
W-UHERB-AA	Template: DEFAULT	(USGS O-2060-01) Urea herbicides and other chemicals in water matrices by HPLC/MS/MS

Bottle Group B (Water) With 2 Samples:

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

Bottle Group C (Water) With 1 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
Bottle Type: QPCR-P-250ML	Number of Bottles: 2	Preserved With: ICE
PCR-FILTER	Template: DEFAULT	(SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis
PCR-HF183	Template: DEFAULT	(SOP-PCR-1.0) Detection and quantification of human-specific HF183 Bacteroides genetic marker with quantitative polymerase chain reaction
Bottle Type: BG-1L	Number of Bottles: 1	Preserved With: ICE
W-AHERB-AA	Template: DEFAULT	(USGS O-2060-01) Chlorinated (phenoxy acid) herbicides in water matrices by HPLC/MS/MS
W-SUC-AA-R	Template: DEFAULT	(EPA 8321B) Analysis of sucralose in water matrices by HPLC/MS/MS
W-UHERB-AA	Template: DEFAULT	(USGS O-2060-01) Urea herbicides and other chemicals in water matrices by HPLC/MS/MS

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

Log-in Checklist

RQ- 2017-10-23-30

Shipping Method: FEDEX

Date/Time of Receipt: 10/25/17 @ 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	
md	3.1°C	8		✓			8119 7780 9861

*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)		<u>✓</u>	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 X No NA ✓ Init: me

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

Coolers Unpacked/Checked by: Tyler K. Date: 10/25/17 NCRs (Y/N)? ✓

Event ID: CEN-DIST-2017-10-25-02 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: