

Ayres, Joshua

From: Dugan, Maryann
Sent: Tuesday, February 13, 2018 11:28 AM
To: Ayres, Joshua; Reistad, Nicole
Cc: Watts, John
Subject: RE: RQ-2018-01-29-52 Sample containers switched

Hi, Josh :

Yes, we must have accidentally switched the bottles/labels. Owen Creek was our first site, sampled at 1111; Brandy Branch was our second site, sampled at 1230.
Sorry about the mix-up.

Thank you,

Maryann Dugan
Environmental Specialist II
Division of Environmental Assessment & Restoration
Florida Department of Environmental Protection
2295 Victoria Avenue, Suite 364
Fort Myers, FL, 33901
239-344-5610 ext. 85610

From: Ayres, Joshua
Sent: Tuesday, February 13, 2018 11:16 AM
To: Dugan, Maryann <Maryann.Dugan@dep.state.fl.us>; Reistad, Nicole <Nicole.Reistad@dep.state.fl.us>
Cc: Watts, John <John.Watts@dep.state.fl.us>
Subject: RQ-2018-01-29-52 Sample containers switched
Importance: High

According to the times written on the sample containers it looks like these two sites may have been switched during collection; can you confirm? Please see photos and attached submittal form.

Owen Creek sample set

Brandy Branch sample set



JOSHUA AYRES
 Environmental Specialist II
 DEP Laboratories
 Voice: 850.245.8206
joshua.Ayres@dep.state.fl.us

Log-in Checklist

RQ- 2018-01-29-52

Shipping Method: FLEET

Date/Time of Receipt: 02/01/18 @ 7:00

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		
ned	0.9°C	8		X			8057 82543797

*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 X 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: h

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

Coolers Unpacked/Checked by: Tyler R. Date: 02/01/18

NCRs (Y/N)? Y 21315

Event II B.F.
SO-DIST-2018-02-01-02 (SMP)

NCR # 6902

Date Received: 01-FEB-2018 09:50

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 X

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:

Page 1 of 2

last revised Jan 3, 2018

Requester: Maryann Dugan

Field Report Prepared By: Nicole Reistad

Collected By: NICOLE REISTAD, MARYANN DUGAN Sampling

Sampling Agency: SOROC

Location		Field ID/WIN		G3SD0106		☐ Comp ☒ Grab		Collection (comp begin or grab)		Eastern Central		Composite end Date		Time		Bottle Group(s) (See pg 2)	
Field ID		Location		G3SD0106		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)				A, B	
WIN/STORET #		Owen Creek From Crane Park				Temp (C)		pH		Sample Depth		☐ ft ☒ m		Sp. Conductance (umho/cm)		597	
Latitude		27.346323		☒ dd ☐ dms		Longitude		-82.151766		☒ dd ☐ dms		Salinity (ppt)		Comments		(B) E. Coli @ Sanders	
Location		Field ID/WIN		G3SD0083		☐ Comp ☒ Grab		Collection (comp begin or grab)		Eastern Central		Composite end Date		Time		Bottle Group(s)	
Field ID		Location		G3SD0083		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)				A, B	
WIN/STORET #		Brandy Branch @ SR 70				Temp (C)		pH		Sample Depth		☐ ft ☒ m		Sp. Conductance (umho/cm)		1403	
Latitude		27.26092		☒ dd ☐ dms		Longitude		-81.98134		☒ dd ☐ dms		Salinity (ppt)		Comments		(B) E. Coli @ Sanders	
Location		Field ID/WIN		G3SD0083		☐ Comp ☒ Grab		Collection (comp begin or grab)		Eastern Central		Composite end Date		Time		Bottle Group(s)	
Field ID		Location		G3SD0083		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)				A, B	
WIN/STORET #		Brandy Branch @ SR 70				Temp (C)		pH		Sample Depth		☐ ft ☒ m		Sp. Conductance (umho/cm)		1403	
Latitude		27.26092		☒ dd ☐ dms		Longitude		-81.98134		☒ dd ☐ dms		Salinity (ppt)		Comments		(B) E. Coli @ Sanders	
Location		Field ID/WIN		G3SD0083		☐ Comp ☒ Grab		Collection (comp begin or grab)		Eastern Central		Composite end Date		Time		Bottle Group(s)	
Field ID		Location		G3SD0083		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)				A, B	
WIN/STORET #		Brandy Branch @ SR 70				Temp (C)		pH		Sample Depth		☐ ft ☒ m		Sp. Conductance (umho/cm)		1403	
Latitude		27.26092		☒ dd ☐ dms		Longitude		-81.98134		☒ dd ☐ dms		Salinity (ppt)		Comments		(B) E. Coli @ Sanders	
Location		Field ID/WIN		G3SD0083		☐ Comp ☒ Grab		Collection (comp begin or grab)		Eastern Central		Composite end Date		Time		Bottle Group(s)	
Field ID		Location		G3SD0083		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)				A, B	
WIN/STORET #		Brandy Branch @ SR 70				Temp (C)		pH		Sample Depth		☐ ft ☒ m		Sp. Conductance (umho/cm)		1403	
Latitude		27.26092		☒ dd ☐ dms		Longitude		-81.98134		☒ dd ☐ dms		Salinity (ppt)		Comments		(B) E. Coli @ Sanders	
Location		Field ID/WIN		G3SD0083		☐ Comp ☒ Grab		Collection (comp begin or grab)		Eastern Central		Composite end Date		Time		Bottle Group(s)	
Field ID		Location		G3SD0083		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)				A, B	
WIN/STORET #		Brandy Branch @ SR 70				Temp (C)		pH		Sample Depth		☐ ft ☒ m		Sp. Conductance (umho/cm)		1403	
Latitude		27.26092		☒ dd ☐ dms		Longitude		-81.98134		☒ dd ☐ dms		Salinity (ppt)		Comments		(B) E. Coli @ Sanders	
Location		Field ID/WIN		G3SD0083		☐ Comp ☒ Grab		Collection (comp begin or grab)		Eastern Central		Composite end Date		Time		Bottle Group(s)	
Field ID		Location		G3SD0083		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)				A, B	
WIN/STORET #		Brandy Branch @ SR 70				Temp (C)		pH		Sample Depth		☐ ft ☒ m		Sp. Conductance (umho/cm)		1403	
Latitude		27.26092		☒ dd ☐ dms		Longitude		-81.98134		☒ dd ☐ dms		Salinity (ppt)		Comments		(B) E. Coli @ Sanders	

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By: Tyler Reynolds	Date/Time 02/07/18
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Group: A	Bottle Type:	P-1L	# of Bottles: 1 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: 1 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 1 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: 1 2	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	2
	W-PO4-F						
Group: B	Bottle Type:	P-120ML-WC-THI	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	70 Sanders
	SD-SND-ENT	P-250ML-WI-THI					NR
	SD-SND-ECQ						

Date of Request: 11-JAN-2018
 Created By: DUGAN_M On: 11-JAN-2018
 Modified By: SWANSON_C On: 16-JAN-2018
 Customer: SO-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: South District
 Sampling Event: B.F.

Send Coolers To:

Phone: 239-344-5610
 FLDEP South District Office
 2295 Victoria Ave. Suite 364
 Fort Myers, FL 33901-3381
 Attn: Maryann Dugan

Program Module Number:
 Priority: 3
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 12-JAN-2018
 Biology Request Reviewed By: SWANSON_C On: 16-JAN-2018
 Sampling Kit Required: YES Ship on: 18-JAN-2018
 Sampling Kit Shipped: YES On: 18-JAN-2018
 Sampling Kit Packed By: REYNOLDS_T
 Preservatives Needed: NO
 Date to Receive Samples: 29-JAN-2018
 Received By:

Send Final Report To:

FLDEP South District Office
 2295 Victoria Ave. Suite 364
 Fort Myers, FL 33901-3381
 Attn: Maryann Dugan

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

Comments: Group A: Freshwater Kit, No Metals
 Group B: E.Coli

Bottle Group A (Water) With 1 Samples:

Bottle Type: P-1L	Number of Bottles: 1	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: 1	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type: P-500ML	Number of Bottles: 1	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: 1	Preserved With: FILTER-ICE
W-PO ₄ -F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Bottle Group B (Water) With 2 Samples:

Bottle Type:	Number of Bottles: 2	Preserved With: ICE
SD-SND-ENT	Template: DEFAULT	(Enterolert/QT) Enterococci by MPN method by Sanders Laboratories Overflow Laboratory for SD