McCoy, Ian

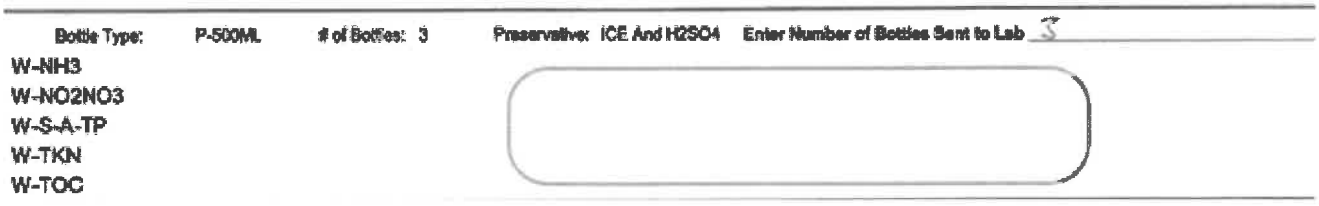
From: Snorek, Gary
Sent: Tuesday, March 3, 2020 2:19 PM
To: Watts, John; Carroll, Miranda
Cc: Ayres, Joshua; McCoy, Ian
Subject: RE: Matrix Clarification

Yes the sample is fresh and sorry we must have forgotten to place the sticker

Gary Snorek
Enviornmental Specialist II
SROC - Environmental Assessment & Restoration
FL Department of Environmental Protection
South District Office
2295 Victoria AVE, Suite 364
Fort Myers, FL 33901
Gary.Snorek@dep.state.fl.us
Office: (239) 344-5683

From: Watts, John <John.Watts@FloridaDEP.gov>
Sent: Tuesday, March 3, 2020 1:18 PM
To: Carroll, Miranda <Miranda.Carroll@FloridaDEP.gov>; Snorek, Gary <Gary.Snorek@dep.state.fl.us>
Cc: Ayres, Joshua <Joshua.Ayres@dep.state.fl.us>; McCoy, Ian <Ian.McCoy@FloridaDEP.gov>
Subject: RE: Matrix Clarification

Gary/Miranda:
I also see that there is missing documentation for preservation. We ship a set of preservative labels with each case of acid for this purpose. That label was designed to fit in the box indicated.



John Watts
FDEP Laboratories
Environmental Administrator
245-8077

From: McCoy, Ian <Ian.McCoy@FloridaDEP.gov>
Sent: Tuesday, March 3, 2020 12:26 PM
To: Carroll, Miranda <Miranda.Carroll@FloridaDEP.gov>; Snorek, Gary <Gary.Snorek@dep.state.fl.us>
Cc: Watts, John <John.Watts@FloridaDEP.gov>; Ayres, Joshua <Joshua.Ayres@dep.state.fl.us>
Subject: Matrix Clarification

RQ- 2020-03-02-15 **Login Checklist** Login Station ID: #2

Shipping Method: FedEx | UPS | HD | Greyhound Date/Time of Receipt: 3/3/2020@ 10:30

Cooler Temperature*	Samples Frozen	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Tracking # Damaged waybills only
					Present?		*Intact?		
	YES	HNO_3	Formalin		Yes	No	Yes	No	
2.6				18		✓			127840119565

*All samples received on ice unless otherwise noted. If the temperature of a cooler is above 6.0 °C (or above 10.0 °C for W-1-4-DIOX and microbiology), received without ice, or if Evidence Seal is damaged; identify the containers in the affected cooler(s) on back of this form. HNO3 and Formalin preserved samples do NOT have a temperature requirement. **DOH coolers can exceed 2.0 °C above the standard temperature (6.0 or 10.0 °C) without login confirmation from customer for samples requiring ice preservation; An NCR still is required.**

**Chain of Custody/ Field Sheet(s) Included? Yes ✓ No_____

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included? Yes_____ No ✓

****Note:** If "No" is checked below, fill out the back of this form (Field ID, Test IDs, etc.) and generate an **NCR**.

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 REQUIRED? (Blue dot on container) Yes_____ No_____ Init: IM

Chlorine detected? (One container checked per Field ID) Yes_____ No ✓ Init:_____

If "YES", list affected Field IDs and Test IDs below.

Field ID	List TestID(s) where Chlorine was Detected, an NCR is required.

PRESERVATION CHECK (EXCLUDING SAMPLES SENT TO OVERFLOW LABS, "OV-")

****Acid Preserved Samples: pH≤ 2.0?** Yes ✓ No ___ NA ___ Init: IM

****W-1-4-DIOX (Green dot on container) preserved to pH< 4.0?** Yes_____ No_____ NA ✓ Init: IM

Coolers Unpacked/Checked by: IM **Date:** 3/3/2020 **NCRs (Y/N)?** ✓

Caloosa Creeks

Event ID: SO-DIST-2020-03-03-02 (BMAP) ___ **NCR #** _____

Date Received: 03-MAR-2020 10:30

Login Checklist

Samples with Incorrect pH Preservation

Field ID	Bottle Test ID(s)	pH	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

Infrared Thermometer ID:	REC_02_2018 EXP: 4/29/20
pH Test Strips 0 – 6 Lot #	213316AV Exp:5/15/20
pH Paper 0 – 3 Lot #	
pH Paper 0 – 13 Lot #	208717 EXP: 3/31/20
Chlorine Test Strips Lot #	8261 EXP:7/2021

Additional Comments:

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_____If No_____

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: _____

Request Number: RQ-2020-03-02-15

Caloosa Creeks

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: SO-DIST

Project ID: BMAP

Requester: Gary Snorek

Collected By: Miranda Carroll Gary Snorek

Field Report Prepared By: Miranda Carroll

Sampling Agency: FDEP SBOC

Field ID/WIN ID: G3SD0130 **Location:** Hancock Creek

Comp ☐ Grab ☒ | Collection (comp begin or grab) Date 3/2/20 Time 0900 Eastern Central | Composite end Date Time | Bottle Group(s) (See pg 2): A

Matrix (type, e.g., Salt, Fresh, etc): Marine | Diss. Oxygen 6.90 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 19.84 | pH 7.09 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 14133

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms | Salinity (ppt) 8.21 | Comments

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Field ID/WIN ID: G3SD0129 **Location:** Telegraph Creek

Comp ☐ Grab ☒ | Collection (comp begin or grab) Date 3/2/20 Time 0940 Eastern Central | Composite end Date Time | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 5.52 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 19.15 | pH 7.28 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 1498

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms | Salinity (ppt) 0.76 | Comments

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Field ID/WIN ID: G3SD0128 **Location:** Orange River

Comp ☐ Grab ☒ | Collection (comp begin or grab) Date 3/2/20 Time 1025 Eastern Central | Composite end Date Time | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 7.25 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 20.21 | pH 7.57 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 847

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms | Salinity (ppt) 0.42 | Comments

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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)

WIN/STORET # | Temp (C) | pH | Sample Depth ☐ ft ☐ m | Sp. Conductance (umho/cm)

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms | Salinity (ppt) | Comments

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Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Miranda Carroll	3/2/20	FedEx	1	IM	10:30 3/3/20

As per Inspector Email

IM 3/3/20

Group: A	Bottle Type:	P-1L	# of Bottles: 3	Preservative:	ICE	**Enter Number of Bottles Sent to Lab** 3
	ALKALINITY W-COLOR W-F W-TSS					
Group: A	Bottle Type:	P-1L	# of Bottles: 3	Preservative:	ICE	**Enter Number of Bottles Sent to Lab** 3
	BOD-UNIN					
Group: A	Bottle Type:	BP-1L	# of Bottles: 3	Preservative:	ICE	**Enter Number of Bottles Sent to Lab** 3
	CHLSUITE-W					
Group: A	Bottle Type:	P-125ML	# of Bottles: 3	Preservative:	FILTER-H2SO4-ICE	**Enter Number of Bottles Sent to Lab** 3
	W-DOC					
Group: A	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	ICE And H2SO4	**Enter Number of Bottles Sent to Lab** 3
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC					
Group: A	Bottle Type:	P-125ML	# of Bottles: 3	Preservative:	FILTER-ICE	**Enter Number of Bottles Sent to Lab** 3
	W-PO4-F					

RQ-2020-03-02-15

Date of Request: 16-JAN-2020
Created By: SNOREK_G On: 16-JAN-2020
Modified By: JASROTIA_P On: 04-FEB-2020
Customer: SO-DIST
Project: BMAP
Division: Division of Environmental Assessment and Restoration
District: South District
Sampling Event: Caloosa Creeks

Send Coolers To:

Phone: 239-344-5683
FLDEP South District Office
2295 Victoria Ave. Suite 364
Fort Myers, FL 33901-3381
Attn: Gary Snorek

Send Final Report To:

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

Program Module Number:
Priority: 3
Event Status: S
Criminal Investigation: NO
Chemistry Request Reviewed By: WATTS_J On: 04-FEB-2020
Biology Request Reviewed By: JASROTIA_P On: 04-FEB-2020
Sampling Kit Required: YES Ship on: 21-FEB-2020
Sampling Kit Shipped: YES On: 17-FEB-2020
Sampling Kit Packed By: REYNOLDS_T
Preservatives Needed: YES
Date to Receive Samples: 02-MAR-2020
Received By:

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

Comments: caloosa creeks sampling
1 - case of sulfiric acid/2 sets of labels

Bottle Group A (Water) With 3 Samples:

Bottle Type: P-1L Number of Bottles: 3 Preserved With: ICE

ALKALINITY	Template: DEFAULT	(SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO3/L
W-COLOR Color (true)	Template: DEFAULT	(SM 2120 B-2011) True Color measured at 450 nm (not valid for NPDES monitoring)
W-F	Template: DEFAULT	(SM 4500 F-C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-TSS	Template: DEFAULT	(SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample

Bottle Type: P-1L Number of Bottles: 3 Preserved With: ICE

BOD-UNIN	Template: DEFAULT	(SM 5210 B) BOD, NOT nitrogen-inhibited

Bottle Type: BP-1L Number of Bottles: 3 Preserved With: ICE

CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Bottle Type: P-125ML Number of Bottles: 3 Preserved With: FILTER-H2SO4-ICE

W-DOC	Template: DEFAULT	(SM 5310 B-2011) Dissolved Nonpurgeable Organic Carbon in filtered, aqueous matrices

Bottle Type: P-500ML Number of Bottles: 3 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-2011) Nonpurgeable Organic Carbon in aqueous matrices

Bottle Type: P-125ML Number of Bottles: 3 Preserved With: FILTER-ICE

W-PO4-F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L