

McCoy, Ian

From: Reistad, Nicole
Sent: Monday, April 5, 2021 11:00 AM
To: McCoy, Ian; Wolfe, Kirby; Snorek, Gary; Hormuth, Chris; Mullen, William
Cc: Ayres, Joshua; Musson, Curtis
Subject: RE: Coolers | Stuck in Transit

Hi,

I am channeling my inner Curtis Musson here by saying that we should analyze RQ-2021-03-22-42; those sites are difficult to get to and we need as much data as possible for those SMP sites.

Thank you,



Nicole Reistad
Environmental Specialist II
Environmental Assessment and Restoration – South ROC
Florida Department of Environmental Protection
2295 Victoria Avenue Suite 364
Fort Myers, FL 33901
Nicole.Reistad@FloridaDEP.gov
Office: 239-344-5718

From: McCoy, Ian <Ian.McCoy@FloridaDEP.gov>
Sent: Monday, April 5, 2021 10:21 AM
To: Reistad, Nicole <Nicole.Reistad@FloridaDEP.gov>; Wolfe, Kirby <Kirby.Wolfe@FloridaDEP.gov>; Snorek, Gary <Gary.Snorek@dep.state.fl.us>; Hormuth, Chris <Chris.Hormuth@FloridaDEP.gov>; Mullen, William <William.Mullen@FloridaDEP.gov>
Cc: Ayres, Joshua <Joshua.Ayres@dep.state.fl.us>
Subject: FW: Coolers | Stuck in Transit

Good morning, was wondering if there's been an update on this?

From: Sunderman-Barnes, Stephanie <Stephanie.SundermanBarnes@dep.state.fl.us>
Sent: Monday, April 5, 2021 9:35 AM
To: McCoy, Ian <Ian.McCoy@FloridaDEP.gov>; Snorek, Gary <Gary.Snorek@dep.state.fl.us>; Miller, Elizabeth <Elizabeth.Miller@FloridaDEP.gov>
Cc: Ayres, Joshua <Joshua.Ayres@dep.state.fl.us>; Wolfe, Kirby <Kirby.Wolfe@FloridaDEP.gov>
Subject: RE: Coolers | Stuck in Transit

Ian,

I apologize for not specifying. My response is only for the RQs scheduled for customer AMBEINT (RQ-2021-03-29-38 and RQ-2021-03-29-32).
I think Kirby or Gary will need to respond concerning how to proceed for RQ-2021-03-22-42 (2021 SMP Everglades).

Thanks,
Stephanie

Stephanie Sunderman-Barnes
QA Officer, Watershed Monitoring Section
Florida Department of Environmental Protection
2600 Blair Stone Rd., MS 3560, Tallahassee, FL 32399
phone: 850-245-8517 (internal #: 58517)
email: stephanie.sundermanbarnes@dep.state.fl.us

From: McCoy, Ian <Ian.McCoy@FloridaDEP.gov>
Sent: Monday, April 5, 2021 9:34 AM
To: Sunderman-Barnes, Stephanie <Stephanie.SundermanBarnes@dep.state.fl.us>; Snorek, Gary <Gary.Snorek@dep.state.fl.us>; Miller, Elizabeth <Elizabeth.Miller@FloridaDEP.gov>
Cc: Ayres, Joshua <Joshua.Ayres@dep.state.fl.us>
Subject: RE: Coolers | Stuck in Transit

I just wanted to confirm, is this request for all three RQs?

From: Sunderman-Barnes, Stephanie <Stephanie.SundermanBarnes@dep.state.fl.us>
Sent: Monday, April 5, 2021 9:22 AM
To: McCoy, Ian <Ian.McCoy@FloridaDEP.gov>; Snorek, Gary <Gary.Snorek@dep.state.fl.us>; Miller, Elizabeth <Elizabeth.Miller@FloridaDEP.gov>
Cc: Ayres, Joshua <Joshua.Ayres@dep.state.fl.us>
Subject: RE: Coolers | Stuck in Transit

Good Morning Ian,

We would like to receive the data, qualified as needed, for all tests that lab staff are still able to perform. We will evaluate options for resampling, but currently we do not plan to resample.

Thanks,
Stephanie

Stephanie Sunderman-Barnes
QA Officer, Watershed Monitoring Section
Florida Department of Environmental Protection
2600 Blair Stone Rd., MS 3560, Tallahassee, FL 32399
phone: 850-245-8517 (internal #: 58517)
email: stephanie.sundermanbarnes@dep.state.fl.us

From: McCoy, Ian <Ian.McCoy@FloridaDEP.gov>
Sent: Monday, April 5, 2021 9:14 AM
To: Snorek, Gary <Gary.Snorek@dep.state.fl.us>; Sunderman-Barnes, Stephanie <Stephanie.SundermanBarnes@dep.state.fl.us>; Miller, Elizabeth <Elizabeth.Miller@FloridaDEP.gov>
Cc: Ayres, Joshua <Joshua.Ayres@dep.state.fl.us>
Subject: FW: Coolers | Stuck in Transit
Importance: High

Good morning, we received the three coolers mentioned below a few days later than expected but still within acceptable temp range. Unfortunately the short-holds are toast but the nutrients, metals, and some of the 1L tests are still viable. Would you prefer to resample or have the data qualified for the relevant samples?

The affected RQs are RQ-2021-03-29-38, RQ-2021-03-29-32, and RQ-2021-03-22-42.

If you have any questions, feel free to ask, Have a great day!

From: Ayres, Joshua <Joshua.Ayres@dep.state.fl.us>
Sent: Friday, April 2, 2021 10:09 AM

To: Snorek, Gary <Gary.Snorek@dep.state.fl.us>

Cc: Klug, Kyle <Kyle.Klug@FloridaDEP.gov>; McCoy, Ian <Ian.McCoy@FloridaDEP.gov>; Reynolds, Tyler <Tyler.Reynolds@dep.state.fl.us>; Shaik, Amzad <Amzad.Shaik@dep.state.fl.us>; Watts, John <John.Watts@FloridaDEP.gov>

Subject: Coolers | Stuck in Transit

Importance: High

Gary –

Looks like your coolers are stuck in Memphis.

Login staff will contact you about any preservation or expiration issues when they arrive.

Tracking ID	Status	Scheduled delivery date	Scheduled delivery time by	Ship date	Shipper name
929380103376	In transit	Pending	Pending	4/1/2021	Gary Snorek
929380103505	In transit	Pending	Pending	4/1/2021	Gary Snorek
929380103516	In transit	Pending	Pending	4/1/2021	Gary Snorek



JOSHUA AYRES

Environmental Specialist III

DEP Laboratories

Voice: 850.245.8206

joshua.Ayres@dep.state.fl.us

RQ-2021-03-22-42

Login Checklist

Login Station ID: #2

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 4/5/2021 8:45

*Cooler Temperature	Samples Frozen?	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Waybill Tracking #
					Present?		*Intact?		
	YES	HNO ₃	Formalin		Yes	No	Yes	No	
3.5				18		✓			9293 8010 3376

COOLER CHECK

*All samples received on ice unless otherwise noted. HNO₃ and Formalin preserved samples do NOT have a temperature requirement.

- If the temperature of a cooler exceeds 6.0 °C (above 10.0 °C for W-1-4-DIOX and microbiology) or received without ice, identify affected samples in an NCR. NCR# _____
- DOH coolers can exceed 2.0 °C above the standard temperature (6.0 or 10.0 °C for W-1-4-DIOX) without login confirmation from customer for samples requiring ice preservation; identify affected samples in an NCR. NCR# _____
- If cooler or samples are received with a damaged Evidence Seal; identify the affected samples in an NCR. NCR# _____
- If coolers or samples are received late; identify the affected samples in an NCR. NCR# 8794

Chain of Custody/ Field Sheet(s) Included?

Yes ☒ No ☐

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included?

Yes ☐ No ☒

CONTAINER CHECK

Evidence Tape on Bottles?

Yes ☐ No ☐ NA ☒Evidence Tape intact? Yes ☐ No ☐

If Criminal, photographs taken?

Yes ☐ No ☒Containers intact? Yes ☒ No ☐

Caps on tight?

Yes ☒ No ☐

Sufficient Sample Volume:

Yes ☒ No ☐If NO is checked above, generate an NCR listing affected sample IDs in its appropriate category. NCR# _____

CHLORINE CHECK REQUIRED? (Blue dot on container)

Yes ☐ No ☒ Init: IM

Chlorine detected? (One container checked per Field ID)

Yes ☐ No ☐ Init: _____

If chlorine is detected, generate an NCR listing affected sample IDs . NCR# _____

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

If samples were not preserved correctly, generate an NCR listing affected sample IDs . NCR# _____

Coolers Unpacked/Checked by: IM

Date: 4/5/2021

Event contains NCRs (Y/N)? ☒ YEvent ID: 2021 SMP : Everglades
SO-DIST-2021-04-05-01 (SMP)

Date Received: 05-APR-2021 08:45

IM
4/5/21

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	IR TEMP GUN #2 exp:10/28/21
pH Test Strips 0 – 6	
pH Paper 0 – 3	
pH Paper 0 – 13	231019 exp: 11/1/22
Chlorine Test Strips	0129 exp: 03/2023

No ice in cooler -IM
4/5/21

ENCORE SAMPLES

S-VOC-MS samples in Encores must be frozen within 48 hours of collection.

Were Encore samples received? Yes _____ Init: _____

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 _____

If S-VOC-MS samples were not preserved correctly, generate an NCR listing affected sample IDs . NCR# _____

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: _____

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CHAIN OF CUSTODY FORM

Date: 4/1/2021
Customer: SO-DIST
RQ: RQ-2021-03-22-42

Collected By: Chris Hormuth, Nicole Reistad
Sampling Agency: FDEP
Project ID: SMP

PLEASE RETURN THE ORIGINAL OF THIS FORM WITH SAMPLE SUBMITTAL
FORMS AND THE COOLER PACKING WORKSHEET TO THE LAB

Number of Coolers Shipped: 1

Delivery Method: FedEx

FIELD ID (Labels) submitted under this RQ for this collection date.

Site Location	Field ID/WIN ID
8069 - ENRE5	 G5SD0036
8067 ENRE 9 Near First Bay	 G5SD0107
8066 @ ENRE5	 G5SD0039

RELINQUISHED BY(SIGNATURE):



DATE/TIME:

04/01/2021 1630

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By:



Rec'd/Inspected

Date:

4/5/21



RQ-2021-03-22-42	Collected By: Chris Hormuth, Nicole Reistad
Customer: FDEP	Field Report Prepared by: Chris Hormuth, Nicole Reistad
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G5SD0036	Comments:
Location: 8069 - ENRE5	

Matrix: Marine

(Check One) ☒ Grab ☐ Composite

Date and Time	DO (mg/L)	DO (%SAT)	Temp. °C	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPT)
4/1/2021 1145	6.37	95	26.9	7.99	0.3	1.2	2.6	47951	31.19

Central Lab please use top row for login purposes

Parameter Suite	Parameter Methods						Preservation			pH Check		# Bottles sent to Lab	Bottle Group		
Preserved Nutrients (P-500ML)	X	W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP					X	Ice	X	H2SO4*	X	<2	1	A	
		Lot #		SA0353110		Exp:	1/11/22								
Metals (P-500ML)		W-ICPMS		W-ICP			W-HARD		Ice		HNO3*		<2		
		Lot #				Exp:									
Filtered Nutrients (P125ML)	X	W-PO4-F		X	Field Filtered 0.45 um Filter			X	Ice				1	A	
		Filter Lot #		1701170											
		Syringe Lot #		118593											
Chlorophyll (BP-1L)	X	CHLSUITE-W						X	Ice				1	A	
Physical/Aggregate (Fresh) (P-1L)		Alkalinity / W-F / W-TSS / TURBIDITY / W-CI-IC / W-COLOR / W-SO4-IC / W-TDS						Ice							
Physical/Aggregate (Marine) (P-1L)	X	Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY						X	Ice				1	A	
Macroinvertebrates (PJ-2L)		MI-FW-QLDC						Ice							
Periphyton (PT-50ML)		ALGAE-ID						Ice							
Microbiology (Contract Lab Bottle)		E Coli		X	F Coli		X	Enterococci		X			Ice	2	A
		Contract Lab													
Molecular (QPCR-P-500ML)		PCR-HF183			PCR-BacR			PCR-DG3					Ice		
		PCR-GULL2			PCR-GFD										
Tracers (BG-500ML)		W-E8321-DI			W-E8321-MS				Ice						
Pesticides (BG-500ML) (BG-1L)		W-E8321-DI			W-E8321-MS			W-PSNP-TQ			Ice				
								W-DIELDRIN							
		W-PCL-SQ-R			W-CARB-AA (5 ml of MCAA** Buffer Solution)			W-CT-CL-R							
Phytoplankton		DTY-QN-C			PKD-QN-BV			Ice							



RQ-2021-03-22-42	Collected By: Chris Hormuth, Nicole Reistad
Customer: FDEP	Field Report Prepared by: Chris Hormuth, Nicole Reistad
Project ID: SMP	Sampling Agency: FDEP

WIN ID/Field ID: 
WIN ID/Field ID: G5SD0107

Location: 8067 ENRE 9 Near First Bay

Matrix: Marine

Comments:

(Check One) ☒ Grab ☐ Composite

Date and Time	DO (mg/L)	DO (%SAT)	Temp. ©	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmos /cm)	Salinity (PPTH					
4/1/2021 1235	6.51	96.8	27	8.08	0.3	1.5	2.9	46873	30.4					
Central Lab please use top row for login purposes														
Parameter Suite		Parameter Methods				Preservation		pH Check		# Bottles sent to Lab	Bottle Group			
Preserved Nutrients (P-500ML)		X	W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP			X	Ice	X	H2SO4*	X	<2	1	A	
		Lot #		SA0353110		Exp:		1/11/22						
Metals (P-500ML)			W-ICPMS		W-ICP	W-HARD	Ice		HNO3*		<2			
		Lot #		Exp:										
Filtered Nutrients (P125ML)		X	W-PO4-F		X	Field Filtered 0.45 um Filter		X	Ice			1	A	
		Filter Lot #		17101170										
		Syringe Lot #		118593										
Chlorophyll (BP-1L)		X	CHLSUITE-W			X	Ice	1	A					
Physical/Aggregate (Fresh) (P-1L)		Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W- TDS				Ice	1					A		
Physical/Aggregate (Marine) (P-1L)		X	Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY			X							Ice	
Macroinvertebrates (PJ-2L)		MI-FW-QLDC				Ice								
Periphyton (PT-50ML)		ALGAE-ID				Ice								
Microbiology (Contract Lab Bottle)		E Coli		X	F Coli		X	Enterococci	X			Ice	2	A
		Contract Lab												
Molecular (QPCR-P-500ML)		PCR-HF183		PCR-BacR			PCR-DG3	Ice						
		PCR-GULL2		PCR-GFD										
Tracers (BG-500ML)		W-E8321-DI		W-E8321-MS			Ice							
Pesticides (BG-500ML) (BG-1L)		W-E8321-DI		W-E8321-MS		W-PSNP-TQ		Ice						
						W-DIELDRIN								
		W-PCL-SQ-R		W-CARB-AA (5 ml of MCAA** Buffer Solution)		W-CT-CL-R								
Phytoplankton		DTY-QN-C		PKD-QN-BV		Ice								

RQ-2021-03-22-42

Collected By: Chris Hormuth, Nicole Reistad



Customer: FDEP

Field Report Prepared by: Chris Hormuth, Nicole Reistad

Project ID: SMP

Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: G5SD0039

Comments:

Location: 8066 @ ENRE5

Matrix: Marine

(Check One) ☒ Grab ☐ Composite

Date and Time	DO (mg/L)	DO (%SAT)	Temp. °C	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPT)			
4/1/2021 1305	6.5	97.9	27.2	8.09	0.3	2	2.9	48745	31.78			
Central Lab please use top row for login purposes												
Parameter Suite	Parameter Methods				Preservation		pH Check	# Bottles sent to Lab	Bottle Group			
Preserved Nutrients (P-500ML)	X	W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP			X	Ice	X	H2SO4*	X	<2	1	A
		Lot #		SA0353110	Exp:	1/11/22						
Metals (P-500ML)		W-ICPMS		W-ICP	W-HARD		Ice		HNO3*		<2	
		Lot #			Exp:							
Filtered Nutrients (P125ML)	X	W-PO4-F		X	Field Filtered 0.45 µm Filter		X	Ice				
		Filter Lot #		17101170							1	A
		Syringe Lot #		118593								
Chlorophyll (BP-1L)	X	CHLSUITE-W				X	Ice				1	A
Physical/Aggregate (Fresh) (P-1L)		Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS					Ice					
Physical/Aggregate (Marine) (P-1L)	X	Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY				X	Ice				1	A
Macroinvertebrates (PJ-2L)		MI-FW-QLDC					Ice					
Periphyton (PT-50ML)		ALGAE-ID					Ice					
Microbiology (Contract Lab Bottle)		E Coli	X	F Coli	X	Enterococci	X	Ice			2	A
		Contract Lab										
Molecular (QPCR-P-500ML)		PCR-HF183		PCR-BacR	PCR-DG3		Ice					
		PCR-GULL2		PCR-GFD								
Tracers (BG-500ML)		W-E8321-DI		W-E8321-MS			Ice					
Pesticides (BG-500ML) (BG-1L)		W-E8321-DI	W-E8321-MS		W-PSNP-TQ		Ice					
		W-PCL-SQ-R	W-CARB-AA (5 ml of MCAA** Buffer Solution)		W-DIELDRIN							
					W-CT-CL-R							
Phytoplankton		DTY-QN-C		PKD-QN-BV			Ice					

Date of Request: 10-MAR-2021
 Created By: HORMUTH_C On: 10-MAR-2021
 Modified By: JASROTIA_P On: 11-MAR-2021
 Customer: SO-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: South District
 Event Description: 2021 SMP : Everglades

Send Coolers To:

Phone: 239-344-5718
 FLDEP South District Office
 2295 Victoria Ave. Suite 364
 Fort Myers, FL 33901-3381
 Attn: Chris Hormuth
 Cooler Ship EMail: Chris.Hormuth@FloridaDEP.gov

Priority: 3
 Event Status: A
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 11-MAR-2021
 Biology Request Reviewed By: JASROTIA_P On: 11-MAR-2021
 Sampling Kit Required: NO Ship on:
 Sampling Kit Shipped:
 Sampling Kit Packed By:
 Preservatives Needed: NO
 Date to Receive Samples: 22-MAR-2021
 Logged In By:

Send Final Report To:

FLDEP South District Office
 2295 Victoria Ave. Suite 364
 Fort Myers, FL 33901-3381
 Attn: Chris Hormuth
 Report Notification EMail:
 Nicole.Reistad@FloridaDEP.gov;Kirby.Wolfe@dep.state.fl.us;Ga
 ry.Snorek@dep.state.fl.us;Chris.Hormuth@FloridaDEP.gov;Willia
 m.Mullen@FloridaDEP.gov

Comments: Group A: Marine Nutrients, Entero, Fecal

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 CaCO ₃ /L
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
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: 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-250ML-WO-THI	Number of Bottles: 3	Preserved With: ICE
ENT-24-QT	Template: DEFAULT	(Enterolert/QT) Enterococci by Enterolert Quanti-Tray method - non-chlorinated water systems
Bottle Type: P-250ML-WO-THI	Number of Bottles: 3	Preserved With: ICE
FCOLI-MF	Template: DEFAULT	(SM 9222 D) Fecal coliforms by membrane filter method - non-chlorinated water systems
Bottle Type: P-500ML	Number of Bottles: 3	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-2011) Nonpurgeable Organic Carbon in aqueous matrices
Bottle Type: P-125ML	Number of Bottles: 3	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