

McCoy, Ian

From: McCoy, Ian
Sent: Wednesday, September 16, 2020 12:28 PM
To: Ayres, Joshua; Bowden, Magan; Brown, Virginia P.; Campbell, Lauren; Carbone, Irina; Danyuk, Yuliya; Davila, Samantha X; Dragon, Rachael; Fach, Blanca; Feizi, Sima; Fetgatter, Jessica; Gruver, Madeline; Jasrotia, Puja; Jones, Naasson; Klug, Kyle; Lees, Lauren; Lorenzo-Perez, Isaura; Menz, Sarah; Mihalic, Jennifer; Morse, Jessica; Nordmann, Benjamin; Power, Diane; Rankin, Amelia; Reaves, Shawn D; Reynolds, Tyler; Shaik, Amzad; Sherman, Jessica R; SotoLongoLopez, Mailin; Steinbock, Bettina; Storbeck, Julia; Swanson, Cheryl; Ta, Yen; Tull, Carina; Watts, John
Subject: RE: COOLERS

PO4 expiring at 13:19 has been received and is awaiting pick-up.

From: McCoy, Ian
Sent: Wednesday, September 16, 2020 11:43 AM
To: Ayres, Joshua <Joshua.Ayres@dep.state.fl.us>; Bowden, Magan <Magan.Bowden@dep.state.fl.us>; Brown, Virginia P. <Virginia.P.Brown@dep.state.fl.us>; Campbell, Lauren <Lauren.Campbell@FloridaDEP.gov>; Carbone, Irina <Irina.Carbone@dep.state.fl.us>; Danyuk, Yuliya <Yuliya.Danyuk@FloridaDEP.gov>; Davila, Samantha X <Samantha.Davila@FloridaDEP.gov>; Dragon, Rachael <Rachael.Dragon@dep.state.fl.us>; Fach, Blanca <Blanca.Fach@dep.state.fl.us>; Feizi, Sima <Sima.Feizi@dep.state.fl.us>; Fetgatter, Jessica <Jessica.Fetgatter@FloridaDEP.gov>; Gruver, Madeline <Madeline.Gruver@FloridaDEP.gov>; Jasrotia, Puja <Puja.Jasrotia@dep.state.fl.us>; Jones, Naasson <Naasson.Jones@dep.state.fl.us>; Klug, Kyle <Kyle.Klug@floridadep.gov>; Lees, Lauren <Lauren.Lees@FloridaDEP.gov>; Lorenzo-Perez, Isaura <Isaura.Lorenzo-Perez@FloridaDEP.gov>; Menz, Sarah <Sarah.Menz@dep.state.fl.us>; Mihalic, Jennifer <Jennifer.Mihalic@dep.state.fl.us>; Morse, Jessica <Jessica.Morse@FloridaDEP.gov>; Nordmann, Benjamin <Benjamin.Nordmann@FloridaDEP.gov>; Power, Diane <Diane.Power@dep.state.fl.us>; Rankin, Amelia <Amelia.Rankin@FloridaDEP.gov>; Reaves, Shawn D <Shawn.Reaves@FloridaDEP.gov>; Reynolds, Tyler <Tyler.Reynolds@dep.state.fl.us>; Shaik, Amzad <Amzad.Shaik@dep.state.fl.us>; Sherman, Jessica R <Jessica.R.Sherman@FloridaDEP.gov>; SotoLongoLopez, Mailin <Mailin.SotoLongoLopez@dep.state.fl.us>; Steinbock, Bettina <Bettina.Steinbock@dep.state.fl.us>; Storbeck, Julia <Julia.Storbeck@dep.state.fl.us>; Swanson, Cheryl <Cheryl.Swanson@FloridaDEP.gov>; Ta, Yen <Yen.Ta@FloridaDEP.gov>; Tull, Carina <Carina.Tull@FloridaDEP.gov>; Watts, John <John.Watts@FloridaDEP.gov>
Subject: RE: COOLERS

16 Coolers/ FedEx/ 11:40 With expiring samples at 12:15

From: Ayres, Joshua <Joshua.Ayres@dep.state.fl.us>
Sent: Wednesday, September 16, 2020 9:35 AM
To: Ayres, Joshua <Joshua.Ayres@dep.state.fl.us>; Bowden, Magan <Magan.Bowden@dep.state.fl.us>; Brown, Virginia P. <Virginia.P.Brown@dep.state.fl.us>; Campbell, Lauren <Lauren.Campbell@FloridaDEP.gov>; Carbone, Irina <Irina.Carbone@dep.state.fl.us>; Danyuk, Yuliya <Yuliya.Danyuk@FloridaDEP.gov>; Davila, Samantha X <Samantha.Davila@FloridaDEP.gov>; Dragon, Rachael <Rachael.Dragon@dep.state.fl.us>; Fach, Blanca <Blanca.Fach@dep.state.fl.us>; Feizi, Sima <Sima.Feizi@dep.state.fl.us>; Fetgatter, Jessica <Jessica.Fetgatter@FloridaDEP.gov>; Gruver, Madeline <Madeline.Gruver@FloridaDEP.gov>; Jasrotia, Puja <Puja.Jasrotia@dep.state.fl.us>; Jones, Naasson <Naasson.Jones@dep.state.fl.us>; Klug, Kyle <Kyle.Klug@FloridaDEP.gov>; Lees, Lauren <Lauren.Lees@FloridaDEP.gov>; Lorenzo-Perez, Isaura <Isaura.Lorenzo-Perez@FloridaDEP.gov>; McCoy, Ian <Ian.McCoy@FloridaDEP.gov>; Menz, Sarah <Sarah.Menz@dep.state.fl.us>; Mihalic, Jennifer <Jennifer.Mihalic@dep.state.fl.us>; Morse, Jessica <Jessica.Morse@FloridaDEP.gov>; Nordmann,

Benjamin <Benjamin.Nordmann@FloridaDEP.gov>; Power, Diane <Diane.Power@dep.state.fl.us>; Rankin, Amelia <Amelia.Rankin@FloridaDEP.gov>; Reaves, Shawn D <Shawn.Reaves@FloridaDEP.gov>; Reynolds, Tyler <Tyler.Reynolds@dep.state.fl.us>; Shaik, Amzad <Amzad.Shaik@dep.state.fl.us>; Sherman, Jessica R <Jessica.R.Sherman@FloridaDEP.gov>; SotoLongoLopez, Mailin <Mailin.SotoLongoLopez@dep.state.fl.us>; Steinbock, Bettina <Bettina.Steinbock@dep.state.fl.us>; Storbeck, Julia <Julia.Storbeck@dep.state.fl.us>; Swanson, Cheryl <Cheryl.Swanson@FloridaDEP.gov>; Ta, Yen <Yen.Ta@FloridaDEP.gov>; Tull, Carina <Carina.Tull@FloridaDEP.gov>; Watts, John <John.Watts@FloridaDEP.gov>

Subject: COOLERS

Importance: High

5 Coolers / FedEx Express / 09:30

Expecting more coolers within the hour.



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

RQ-2020-09-07-40

Login Checklist

Login Station ID: #2

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 9/16/2020 11:40

*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	
3.4				4		✓			91176381597

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 oC (above 10.0 oC 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# 8425

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: 9/16/2020

Event contains NCRs (Y/N)? Y

Event ID: Lake Ingram
CEN-DIST-2020-09-16-01 (SMP)

Date Received: 16-SEP-2020 11:40

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	IR TEMP GUN #2 exp:11/5/20
pH Test Strips 0 – 6	
pH Paper 0 – 3	
pH Paper 0 – 13	231019 exp: 11/1/22
Chlorine Test Strips	8261 exp: 07/2021

1 CHL
9/16/2020
@ 1150
Y.T.
9/16/2020 @ 12:00

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: 9/14/2020 **Collected By:** Natalie Ayala, Elizabeth Bates
Customer: CEN-DIST **Sampling Agency:** FDEP
RQ: RQ-2020-09-07-40 **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

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

Site Location	Field ID/WIN ID
Lake Ingram East	 G4CE0155

RELINQUISHED BY(SIGNATURE):



DATE/TIME:

09/14/2020
1600

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By:

IM

Rec'd/Inspected Date:

9/16/20



RQ-2020-09-07-40

Customer: WQAP

Project ID: SMP

Collected By: Natalie Ayala, Elizabeth Bates

Field Report Prepared By: Natalie Ayala

Sampling Agency: FDEP

Place Label Here						Comments:				
WIN ID/Field ID:  G4CE0155 Location: Lake Ingram East										
Matrix: Fresh						(Check one) ☒ GRAB ☐ COMPOSITE				
Date	Time	DO (mg/L)	DO (%SAT)	Temp. (C°)	pH	Sample Depth (m)	Secchi Disk (m)	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPT)
9/14/2020	13:19 EST	5.99	77.5	28.7	6.34	0.3	2.5 ☐ VOB (S)	3	53	0.02
Central Lab please use top row for login purposes										
	13:23 EST	5.21	66.4	27.9	6.2	2.5			53	0.02
Parameter Suite		Parameter Methods				Preservation		pH Check	# Bottles sent to Lab	Bottle Group
Preserved Nutrients (P-500ML)		☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP				☒ Ice ☒ H2SO4*		☒ <2	1	A
		Lot #		SA9354050		Exp:		12/20/20		
Metals (P-500ML)		☐ W-ICPMS ☐ W-ICP ☐ W-HARD				☐ Ice ☐ HNO3*		☐ <2		
		Lot #				Exp:				
Filtered Nutrients (P125ML)		☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter				☒ Ice			1	A
		Filter Lot #								
		Syringe Lot #								
Chlorophyll (BP-1L)		☒ CHLSUITE-W				☒ 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)		☐ Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY				☐ Ice				
Macroinvertebrates (PJ-2L)		☐ MI-FW-QLDC				☐ Formalin				
Periphyton (PT-50ML)		☐ ALGAE-ID				☐ Ice				
Microbiology (Contract Lab Bottle)		☐ E Coli ☐ F Coli ☐ Enterococci ☐ Contract Lab				☐ Ice				
Molecular (QPCR-P-500ML)		☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-DG3 ☐ PCR-GULL2 ☐ PCR-GFD ☐				☐ Ice				
Tracers (BG-500ML)		☐ W-E8321-DI ☐ W-E8321-MS				☐ Ice				
Pesticides (BG-500ML) (BG-1L)		☐ W-E8321-DI ☐ W-E8321-MS ☐ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-PCL-SQ-R ☐ W-CARB-AA (5 ml of MCAA** Buffer Solution)				☐ Ice				
						☐ Ice				
Name: Natalie Ayala Elizabeth Bates					Signature: 					Date: 09/14/2020

*2.0 ml of Preservative used unless noted otherwise.

**MCAA: Monochloroacetic acid buffer solution

Date of Request: 23-AUG-2020
 Created By: AYALA_N On: 23-AUG-2020
 Modified By: JASROTIA_P On: 24-AUG-2020
 Customer: CEN-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Central District
 Event Description: Lake Ingram

Send Coolers To:

Phone: 407-897-4195
 FL Dept. of Environmental Protection
 3319 Maguire Blvd., Suite 232
 Orlando, FL 32803-3767
 Attn: Natalie Ayala
 Cooler Ship EMail: Natalie.Ayala@Floridadev.gov

Priority: 3
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 24-AUG-2020
 Biology Request Reviewed By: JASROTIA_P On: 24-AUG-2020
 Sampling Kit Required: YES Ship on: 28-AUG-2020
 Sampling Kit Shipped: YES On: 25-AUG-2020
 Sampling Kit Packed By: MCCOY_I
 Preservatives Needed: NO
 Date to Receive Samples: 07-SEP-2020
 Logged In By:

Send Final Report To:

FL Dept. of Environmental Protection
 3319 Maguire Blvd., Suite 232
 Orlando, FL 32803-3767
 Attn: Natalie Ayala
 Report Notification EMail: Natalie.Ayala@Floridadev.gov

Comments:**Bottle Group A (Water) With 1 Samples:**

Bottle Type: P-1L	Number of Bottles: 1	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-CL-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Chloride in aqueous matrices
W-COLOR	Template: DEFAULT	(SM 2120 B-2011) True Color measured at 450 nm (not valid for NPDES monitoring)
Color (true)		
W-F	Template: DEFAULT	(SM 4500 F-C-2011) 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-2011) Total Dissolved Solids in aqueous matrices
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: 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-2011) 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