

Klug, Kyle

From: Klug, Kyle
Sent: Friday, July 8, 2022 3:34 PM
To: Cobb, Devan R.; Swanson, Cheryl; Wright, Colin; Steinbock, Bettina; Rankin, Amelia; Tate, Kerry; Reddy, Sathavaram
Cc: Bates, Elizabeth; Ayres, Joshua
Subject: RE: LIMS Question

Good afternoon,

Event WQAP-2022-06-21-01 was logged in incorrectly and it was determined that it needed to be split into two separate events. The new event for the Orange County samples is WQAP-2022-07-08-07.

The original samples for site HABOC0008 from WQAP-2022-06-21-01 will need to be unauthorized and have their data moved over to the new sample IDs. Once this is done, I can go back and cancel the original samples that were logged in. Below is the list of existing samples and their new ID's.

2335702 (BLOOM_ID) -> 2340188
2335703 (CHLSUITE-W) -> 2340189
2335708 (W-MCYST-AA) -> 2340190
2335713 (W-NH3, W-NO2NO3, W-S-A-TP, W-TKN) -> 2340194
2335714 (W-PO4-F) -> 2340195

Please let me know when you are done moving the data over for your samples so I can cancel the old numbers. Sorry for the inconvenience.

Thank you,
Kyle

From: Cobb, Devan R. <Devan.R.Cobb@dep.state.fl.us>
Sent: Friday, July 8, 2022 12:28 PM
To: Bates, Elizabeth <Elizabeth.Bates@FloridaDEP.gov>
Cc: Swanson, Cheryl <Cheryl.Swanson@FloridaDEP.gov>; Klug, Kyle <Kyle.Klug@FloridaDEP.gov>; Ayres, Joshua <Joshua.Ayres@FloridaDEP.gov>; Wright, Colin <Colin.Wright@dep.state.fl.us>
Subject: RE: LIMS Question

Hi!
You're right we didn't circle back to this particular Event.
Kyle, please separate the samples into 2 Events by collection agency.
Thank you,
Devan

From: Bates, Elizabeth <Elizabeth.Bates@FloridaDEP.gov>
Sent: Friday, July 8, 2022 12:24 PM
To: Cobb, Devan R. <Devan.R.Cobb@dep.state.fl.us>
Subject: RE: LIMS Question

Hey!

I saw what was decided moving forward but was any guidance about whether this needed to be split into two event ID's to select the appropriate sampling agency in the DMT?

Thanks!

From: Cobb, Devan R. <Devan.R.Cobb@dep.state.fl.us>

Sent: Tuesday, July 5, 2022 12:10 PM

To: Bates, Elizabeth <Elizabeth.Bates@FloridaDEP.gov>; Swanson, Cheryl <Cheryl.Swanson@FloridaDEP.gov>

Cc: Klug, Kyle <Kyle.Klug@FloridaDEP.gov>; Ayres, Joshua <Joshua.Ayres@FloridaDEP.gov>

Subject: RE: LIMS Question

Hi,
I'm getting some further clarification on this on a separate thread. I'll let you know what the end result is.
Thank you,
Devan

From: Bates, Elizabeth <Elizabeth.Bates@FloridaDEP.gov>

Sent: Tuesday, July 5, 2022 12:07 PM

To: Swanson, Cheryl <Cheryl.Swanson@FloridaDEP.gov>

Cc: Cobb, Devan R. <Devan.R.Cobb@dep.state.fl.us>; Klug, Kyle <Kyle.Klug@FloridaDEP.gov>

Subject: Re: LIMS Question

We give them kits when they are able to collect for us (which is pretty infrequent)- we label them with HABOC#### instead of HABCE####. If it's a new site they fill out location and coordinates.

I just thought at some point we were supposed to differentiate the sampling agency in LIMS as well. I could be making this up though. Sorry for any confusion.

Liz Bates
Central ROC

From: Swanson, Cheryl <Cheryl.Swanson@FloridaDEP.gov>

Sent: Tuesday, July 5, 2022 11:59:19 AM

To: Bates, Elizabeth <Elizabeth.Bates@FloridaDEP.gov>

Cc: Cobb, Devan R. <Devan.R.Cobb@dep.state.fl.us>; Klug, Kyle <Kyle.Klug@FloridaDEP.gov>

Subject: FW: LIMS Question

Liz,
I'm sorry, I do not deal with the DMT or WIN. At first I was thinking this was a case of the electronic submittal sheets arriving on same day, coolers on same day and someone on our end putting them together but I see handwriting on the COCs. Then it occurred to me:
Did you give Orange County your kit's RQ number? That RQ-2022-06-06-26 is associated with CEROC. I'm wondering how they would also have your bottles with the RQ stickers on them. Kits should not be broken up that way. Can you shed some light on that?

Cheryl

From: Bates, Elizabeth <Elizabeth.Bates@FloridaDEP.gov>

Sent: Tuesday, July 05, 2022 11:27 AM

To: Swanson, Cheryl <Cheryl.Swanson@FloridaDEP.gov>

Subject: Fwd: LIMS Question

Would you have any guidance for us?

I thought that different agencies needed to be logged under different event IDs so we could select the appropriate agency at the top of the DMT.

Thank you,

Liz Bates

Central ROC

From: Klug, Kyle <Kyle.Klug@FloridaDEP.gov>

Sent: Tuesday, July 5, 2022 11:21

To: Cobb, Devan R. <Devan.R.Cobb@dep.state.fl.us>; Bates, Elizabeth <Elizabeth.Bates@FloridaDEP.gov>; Musson, Curtis <Curtis.Musson@FloridaDEP.gov>

Cc: March, Kathryn W <Kathryn.W.March@FloridaDEP.gov>

Subject: RE: LIMS Question

Good morning,

These samples were logged in together as they share the same request number, RQ-2022-06-06-26. As far as I am aware we would not need to split up the event because of this, however I could be mistaken. I can relog the samples in if necessary, though that would require transferring the existing data to new sample ID's.

Thank you,

Kyle

From: Cobb, Devan R. <Devan.R.Cobb@dep.state.fl.us>

Sent: Tuesday, July 5, 2022 10:46 AM

To: Bates, Elizabeth <Elizabeth.Bates@FloridaDEP.gov>; Musson, Curtis <Curtis.Musson@FloridaDEP.gov>

Cc: March, Kathryn W <Kathryn.W.March@FloridaDEP.gov>; Klug, Kyle <Kyle.Klug@FloridaDEP.gov>

Subject: RE: LIMS Question

Good morning,

I'm surprised they got logged into the same Event to start with. I've copied Kyle on this, maybe he'll be able to shed some light on it.

Thank you,

Devan

From: Bates, Elizabeth <Elizabeth.Bates@FloridaDEP.gov>

Sent: Monday, July 4, 2022 11:15 AM

To: Cobb, Devan R. <Devan.R.Cobb@dep.state.fl.us>; Musson, Curtis <Curtis.Musson@FloridaDEP.gov>

Cc: March, Kathryn W <Kathryn.W.March@FloridaDEP.gov>

Subject: LIMS Question

Good Morning,

I was QCing in the LIMS DMT today and had a question – These two HAB samples were collected on the same day but mailed out from their respective agencies.

Does this need to be split into two LIMS EVENT ID's because it is different sampling agencies?

Org. ID: 21FLCEN

Sampling Agency

FDEP CENTRAL REGIONAL OPERATIONS CENTER

View User Guide

Select All

Verify Station
IDsRank
Field

Event ID: WQAP-2022-06-21-01 - Reports Certified: None

Field ID: HABOC0008_CypressLake2

Lin...	Sample_Field_ID	Project...	Station_ID	Collection_Date	Sample...	Total_...	Depth_...	Rain
1	HABCE0130_LakeMinneola1	BLOO...	HABCE0130	20-Jun-2022 13:00	0.3	2.5	m	
2	HABCE0130_LakeMinneola1	BLOO...	HABCE0130	20-Jun-2022 13:00	0.3		m	
3	HABOC0008_CypressLake2	BLOO...	HABOC0008	20-Jun-2022 11:25	0.3	3.2	m	
4	HABOC0008_CypressLake2	BLOO...	HABOC0008	20-Jun-2022 11:25	0.3		m	

Link_int...	Depth	Component_Name	Result	Qualifier	Units	Date_L...	Last_M...	Field_Comment
3	1	Dissolved Oxygen	8.7		mg/L	28-Jun...	MARC...	
3	1	Dissolved Oxygen Saturation	118.3		%	28-Jun...	MARC...	
3	1	Temperature, Water	30.7		deg C	28-Jun...	MARC...	
3	1	pH	8.4		None	28-Jun...	MARC...	
3	1	Depth, Secchi Disk Depth	0.7		m	28-Jun...	MARC...	
3	1	Specific Conductance	267		umho/cm	28-Jun...	MARC...	
3	1	Salinity			ppth	28-Jun...	MARC...	

Add Parm

Remove Parm

Apply Updates

Generate WIN

Thanks,

**Elizabeth Bates**

Florida Department of Environmental Protection
 Division of Environmental Assessment and Restoration
 Environmental Specialist III
Elizabeth.Bates@FloridaDEP.gov
 Office: 407-897-4183

Login Checklist

RQ- 2022-06-06-26

Login Station ID: #5

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 6/21/22 @ 9:04

*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	
2.4				5		✓			5225 6546 5603

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#** _____

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: ZR

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: ZR

**W-1-4-DIOX (Green dot on container) preserved to pH<4.0?

Yes _____ No _____ NA ✓ Init: ZR

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

Coolers Unpacked/Checked by: KK/ZR

Date: 6/21/22

Event contains NCRs (Y/N)? N ✓

Event ID:

Algal Bloom Response - CEROC
WQAP-2022-07-08-07 (BLOOM-RESP)
Date Received: 08-JUL-2022 09:04

KK 7-12-22

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	IR TEMP GUN #5 EXP:10-19-22
pH Test Strips 0 – 6	Lot#223819 EXP:8-30-23
pH Paper 0 – 3	
pH Paper 0 – 13	Lot#207621 EXP:3-15-24
Chlorine Test Strips	Lot#0070 EXP:2-23

NCR #9458

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: _____



Cyanobacteria Bloom Response Field Data Sheet (2019-12-16 v4)

Email scanned submittal forms to lab.receiving@FloridaDEP.gov

RQ-2022-06-06-26		Collected By:	Orange County
Customer:	WQAP	Field Report Prepared By:	
Project ID:	BLOOM-RESP	Sampling Agency:	21FLCEN-Orange EPD
Location:		Comments:	

Field ID: HABOC0008_CypressLake2

Win ID: HABOC0008

Cypress Lake - WEST LOBE

* Coordinates: 28.4807384, -81.5198778

Collection Equip: water bottle

High Tide Time:

Low Tide Time:

Matrix:

Fresh

Grab

Tide:

☐ Rising ☐ Falling ☐ Slack ☒ N/A

Water Quality

Date	Time ☒ EST ☐ CEN	D.O. (%)	D.O. (mg/L)	Temp (°C)	pH (SU)	Sample Depth (m)	Total Depth (m)	Secchi Disk (m)	Sp. Cond. (µmho/cm)	Salinity (PPT)
6/20/22	1125	118.3	8.7	30.7	8.4	0.3	3.2	0.7	267	

Bloom Observations

Algal Bloom Observed? ☐ Yes ☒ No

Water Surface	☒ Clear	☐ Scum	☐ Globs	☐ Slick
Water Clarity	☐ Clear	☒ Slightly Turbid	☐ Turbid	☐ Opaque
Bloom Color	☐ Green	☐ Red	☒ Brown	☐ Other: ☐ N/A
Algae Distribution	☒ Suspended in water column	☐ On surface	☐ Other: ☐ N/A	
Water Odors	☒ Normal	☐ Sewage	☐ Petroleum	☐ Chemical ☐ Other:

Parameter Suite	Parameter Methods	Preservation	pH Check	#Bottles Sent to Lab	Bottle Group
Bloom ID (PT-50mL)	☒ BLOOM-ID	☒ Ice		1	A
Chlorophyll (BP-1L)	☐ CHLSUITE-W	☒ Ice		1	B
Toxins (BG-WD250)	☒ W-MCYST-AA	☒ Ice		1	B
	☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP	☒ Ice ☐ H2SO4 ☐ <2		1	B
Preserved Nutrients (500mL HDPE)	Acid Lot: ☒ Exp: ☒				
Filtered Nutrients (P125mL)	☒ W-PO4-F ☒ Field Filtered 0.45µm Filter Filter Lot #: 17413308	☒ Ice		1	B
Quantitative Algae	☐ DTY-QN-C / PKD-QN-C	☐ Ice	Lugols? Y / N		
Relinquished By:	Date/Time	Number of Coolers Shipped	Received By:	Date/Time	
	16:00/	1	12	6-21-2022 9:04	

LIMS EVENT ID: WQAP-2022-

WIN Import ID:

Enter Field Parameters, Verify Station ID in LIMS DMT:

QC Station ID, Field Parameters in LIMS DMT:

Scan/Save Field Sheets

Migrate Data to WIN:

Verify Data in WIN:

Date of Request: 31-MAR-2022
 Created By: BOMAN_L On: 31-MAR-2022
 Modified By: JASROTIA_P On: 18-MAY-2022
 Customer: WQAP
 Project: BLOOM-RESP
 Division: Division of Environmental Assessment and Restoration
 District: Central
 Event Description: Algal Bloom Response - CEROC

Send Coolers To:

Phone: 407-897-4181
 3319 Maguire Blvd Ste 232

 Orlando, FL 32803
 Attn: Leif Boman
 Cooler Ship EMail: Leif.Boman@FloridaDep.gov

Priority: 1
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: AYRES_J On: 18-MAY-2022
 Biology Request Reviewed By: JASROTIA_P On: 18-MAY-2022
 Sampling Kit Required: YES Ship on: 27-MAY-2022
 Sampling Kit Shipped: YES On: 23-MAY-2022
 Sampling Kit Packed By: MCCOY_I
 Preservatives Needed: NO
 Date to Receive Samples: 06-JUN-2022
 Logged In By: SHAIK_A On: 06-JUL-2022

Send Final Report To:

3319 Maguire Blvd. Suite 232

 Orlando, FL 32803
 Attn: Matt Bearden
 Report Notification EMail: Matthew.Bearden@FloridaDEP.gov

Comments: Unless peak algal bloom season, may analyze toxin after consultation with Biology's Taxonomy Manager.

Bottle Group A - Priority 1
 For algal dominant taxon.

Bottle Group B - Priority 1
 For toxin testing, nutrients, chlorophyll, algal full ID

There are multiple bottles per Group in case multiple sample targets or sample locations are needed. Samplers use best professional judgement to decide which samples are appropriate to collect for a particular response. All sets of bottles do not have to be filled at one time.

Please print two copies of algal job labels at login

Bottle Group A (Biological) With 6 Samples:

Bottle Type: PT-50ML Number of Bottles: 6 Preserved With: ICE
 BLOOM-ID Template: DEFAULT (SOP-AB05) Assessment of dominant algal taxa in bloom or mat sample

Bottle Group B (Water) With 6 Samples:

Bottle Type: BP-1L Number of Bottles: 6 Preserved With: ICE
 CHLSUITE-W Template: DEFAULT (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Bottle Type: BG-250ML-WDMTH Number of Bottles: 6 Preserved With: ICE
 W-MCYST-AA Template: (EPA 8321B) Microcystins in water matrices by HPLC/MS/MS

Bottle Type: P-500ML Number of Bottles: 6 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

Bottle Type: P-125ML Number of Bottles: 6 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

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