

From: [Lurding, Kathleen](#)
To: [Bowden, Magan](#)
Subject: FW: LIMS data entry error
Date: Thursday, May 3, 2018 9:01:50 AM
Attachments: [RQ-2018-04-23-19 Lab Submittal.pdf](#)

Magan – will you please let me know when this is fixed? Thanks!

From: Reistad, Nicole
Sent: Wednesday, May 2, 2018 4:47 PM
To: Lurding, Kathleen <Kathleen.Lurding@dep.state.fl.us>
Cc: Bowden, Magan <Magan.Bowden@dep.state.fl.us>; Cobb, Devan R. <Devan.R.Cobb@dep.state.fl.us>
Subject: RE: LIMS data entry error

Excellent! I wasn't sure where the error occurred, so thanks for finding that. I've attached the new lab submittal form with appropriate corrections.

Thank you again!

Nicole Reistad

From: Lurding, Kathleen
Sent: Wednesday, May 2, 2018 3:53 PM
To: Reistad, Nicole <Nicole.Reistad@dep.state.fl.us>
Cc: Bowden, Magan <Magan.Bowden@dep.state.fl.us>; Cobb, Devan R. <Devan.R.Cobb@dep.state.fl.us>
Subject: RE: LIMS data entry error

Nicole –

If the collection date/times are incorrect we would absolutely want to fix that. I attached a copy of the submittal form which indicates we logged the sites in correctly. We will be glad to fix this but we will need for you to submit an amended submittal form so the paperwork is all correct.

When that gets fixed, however, the DMT records will not reflect it since the incorrect times were already stamped into another table. So, when Magan lets me know it is updated I am going to need to delete the DMT records in Oracle and you'll need to start again with any extra field measurements you need to add.

Thanks for letting us know – this is always easier if we find about it before we report the event.

Kathy

KM Lurding

Administrator, Scientific Support Services Program
FDEP Laboratories
(850) 245-8076

From: Reistad, Nicole
Sent: Wednesday, May 2, 2018 2:53 PM
To: Lurding, Kathleen <Kathleen.Lurding@dep.state.fl.us>
Subject: LIMS data entry error

Hey Kathy,

I've been working on some LIMS data entry, and I noticed a discrepancy in Event# SO-DIST-2018-04-25-02. Field ID G5SD0041 and G5SD0078 do not have the correct corresponding times—0041 was taken at 13:15 and 0078 was taken at 13:23. Some of the water quality field measurements were also swapped between the sites, but I changed those. I want to make sure that this was just a transcription error and that the lab results won't be incorrectly paired to the wrong site. So, do you think we should change the times of those samples in LIMS? The other option that I can do on my end is change the field IDs and field measurements to match the times already entered. Which option do you think is best?

Thank you!

Nicole Reistad

Environmental Specialist II
Environmental Assessment & Restoration – South ROC
Florida Department of Environmental Protection
2295 Victoria Avenue Suite 364
Fort Myers, FL 33901
239-344-5610 ext. 85718

Florida Department of Environmental Protection

Central Laboratory Submittal Form

BFWW

Customer: SO-DIST

Project ID: SMP

Requester: Maryann Dugan

Field Report Prepared By: N. Reistad

Collected By: Nicole Reistad, Maryann Dugan, Kirby Wolfe

Sampling Agency: FLDEP-SOROC

Location ENRE 9 Harney River		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 04/24/18 Time		☒ Eastern ☐ Central	Composite end Date Time		Bottle Group(s) (See pg 2) A
Field ID G5SD0040		Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 5.2	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		
WIN/STORET #		Temp (C) 28.0	pH 7.7	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 47870		
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 32.9		Comments				
Location ENRE 9 Lostmans Bay		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 04/24/18 Time 1315		☒ Eastern ☐ Central	Composite end Date Time		Bottle Group(s) A
Field ID G5SD0041		Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 5.2	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		
WIN/STORET #		Temp (C) 28.1	pH 7.9	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 50337		
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 32.9		Comments				
Location ENRE 12 Lostmans Bay		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 04/24/18 Time 1323		☒ Eastern ☐ Central	Composite end Date Time		Bottle Group(s) A
Field ID G5SD0078		Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 5.0	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		
WIN/STORET #		Temp (C) 27.9	pH 7.9	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 50054		
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 32.7		Comments				
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				

Relinquished By: N. Reistad	Date/Time 04/24/18 1910	Shipping Method FedEx	Number of Coolers Shipped: 2	Received By:	Date/Time
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Group: A	Bottle Type:	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
	ALKALINITY						
	TURBIDITY						
	W-F						
	W-TSS						
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-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-2018-04-23-19

Log-in Checklist

Login Station ID: #5

Shipping Method: FedEx | UPS | HD | Greyhound |Date/Time of Receipt: 04/25/18 @ 10:05

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	
Blue	0.3°C	12		X			790803647920

*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

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included? Yes No X Date

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-E8321-DI, -MS, -21			W-NP-AA-SF		
W-BNA (-625, -R)			W-PDQUAT		
W-CARB-AA (-CAB-AA-R)			W-PCL-SQ-R		
W-U2060-MS			W-TR-TQ		
W-PCB-R			W-CT-CI-R		
W-PAH (-R)			W-PSNP-TQ		

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

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

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

Coolers Unpacked/Checked by: Tyler R Date: 04/25/18 NCRs (Y/N)? N

Event ID: BFWW NCR #

SO-DIST-2018-04-25-02 (SMP)
Date Received: 25-APR-2018 10:05

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

Additional Comments:

Infrared Thermometer ID:	
pH Paper 0.0 – 3.0 Lot #	
pH Paper 0 – 13 Lot #	
Chlorine Test Strips Lot #	

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 _____ 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: _____

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Customer: SO-DIST

Project ID: SMP

Requester: Maryann Dugan

Field Report Prepared By: N. Reistad

Collected By:

Nicole Reistad, Maryann Dugan, Kirby Wolfe

Sampling Agency: FLDEP-SOROC

Locatir	Field ID/WIN ID		☐ Comp ☒ Grab	Collection (comp begin or grab)	Eastern Central	Composite end Date	Time	Bottle Group(s)
Field	Location	G5SD0040		Date 04/24/18	Time 1210			(See pg 2)
WIN	ENRE 9 Harney River			Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
				Temp (C) 28.0	pH 7.7	Sample Depth 0.3	Sp. Conductance (umho/cm) 47870	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments			
Lor	Field ID/WIN ID		☐ Comp ☒ Grab	Collection (comp begin or grab)	Eastern Central	Composite end Date	Time	Bottle Group(s)
Field	Location	G5SD0078		Date 04/24/18	Time 1315			
W	ENRE12 Lostmans Bay			Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
				Temp (C) 28.1	pH 7.9	Sample Depth 0.3	Sp. Conductance (umho/cm) 50,337	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments			
Lc	Field ID/WIN ID		☐ Comp ☒ Grab	Collection (comp begin or grab)	Eastern Central	Composite end Date	Time	Bottle Group(s)
Fi	Location	G5SD0041		Date 04/24/18	Time 1323			
W	ENRE9 Lostmans Bay			Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
				Temp (C) 27.9	pH 7.9	Sample Depth 0.3	Sp. Conductance (umho/cm) 50,054	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments			
Location				☐ Comp ☐ Grab	Collection (comp begin or grab)	Eastern Central	Composite end Date	Bottle Group(s)
Field ID				Date	Time		Time	
WIN/STORET #				Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
				Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments			

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
N. Reistad	04/24/18 1910	FedEx	2	Tyler R	04/25/18 @ 10.05

Group: A	Bottle Type:	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>3</u>
	ALKALINITY						
	TURBIDITY						
	W-F						
	W-TSS						

Group: A	Bottle Type:	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>3</u>
	CHLSUITE-W						

Group: A	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	<u>3</u>
	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	<u>3</u>
	W-PO4-F						

Date of Request: 22-MAR-2018
 Created By: DUGAN_M On: 22-MAR-2018
 Modified By: SWANSON_C On: 03-APR-2018
 Customer: SO-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: South District
 Sampling Event: BFWW

Send Coolers To:

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

Send Final Report To:

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

Program Module Number:
 Priority: 3
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 03-APR-2018
 Biology Request Reviewed By: SWANSON_C On: 03-APR-2018
 Sampling Kit Required: YES Ship on: 13-APR-2018
 Sampling Kit Shipped: YES On: 09-APR-2018
 Sampling Kit Packed By: REYNOLDS_T
 Preservatives Needed: YES
 Date to Receive Samples: 23-APR-2018
 Received By:

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

Comments: Group A: Marine Kit, No Metals x 3

1 - case of sulfuric acid
 1 - case of nitric acid

Bottle Group A (Water) With 3 Samples:

Bottle Type: P-1L	Number of Bottles: 3	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO3/L
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
W-F	Template: DEFAULT	(SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-TSS	Template: DEFAULT	(SM 2540 D-97) Total Suspended Solids in aqueous matrices
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-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-00) 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

