

From: [Parrish, Jeremy M.](#)
To: [Owen, Greg](#)
Cc: [Bowden, Magan](#)
Subject: FW: NE-DIST-2019-03-13-03
Date: Friday, April 26, 2019 10:41:53 AM
Attachments: [NE-DIST-2019-03-13-03 SMP ALACHUA COUNTY MARCH SMP - 03 - 13 - 19.pdf](#)

Greg ,

Will you correct this coc for Tallahassee records, I have verified through field sheets that it needs to change to the following

- line through the time sampled, initial, and change to 915 for Sweetwater G1NE0905

and send to Magan

thanks
Jeremy

From: Bowden, Magan
Sent: Friday, April 26, 2019 10:01 AM
To: Parrish, Jeremy M. <Jeremy.M.Parrish@dep.state.fl.us>
Subject: FW: NE-DIST-2019-03-13-03

As you can see the email thread below, we are needing clarification on the Sweetwater Branch sites.

Magan Bowden
Florida DEP Labs
Office: 850-245-8062
Direct: 58062
Magan.Bowden@dep.state.fl.us

From: Swanson, Cheryl
Sent: Friday, April 26, 2019 9:52 AM
To: Wright, Colin <Colin.Wright@dep.state.fl.us>; Bowden, Magan <Magan.Bowden@dep.state.fl.us>
Cc: Ayres, Joshua <Joshua.Ayres@dep.state.fl.us>; Savage, Jacqueline <Jacqueline.Savage@dep.state.fl.us>
Subject: RE: NE-DIST-2019-03-13-03

Sweetwater Branch N of SE 4th, G1NE0916 was collected at 9:50. Sweetwater Branch upstream of SR 331 was collected at 9:15. (They weren't in two places at the same time, 9:50). Someone crossed out some but not all of the parameters written on the middle row (for N of SE 4th) and moved them to the top row (for upstream of SR 331). I liked your suggestion – please get the samplers to redo the field sheets.

Cheryl

From: Wright, Colin <Colin.Wright@dep.state.fl.us>
Sent: Friday, April 26, 2019 9:43 AM
To: Swanson, Cheryl <Cheryl.Swanson@dep.state.fl.us>; Bowden, Magan <Magan.Bowden@dep.state.fl.us>
Cc: Ayres, Joshua <Joshua.Ayres@dep.state.fl.us>; Savage, Jacqueline <Jacqueline.Savage@dep.state.fl.us>
Subject: RE: NE-DIST-2019-03-13-03

Just to be clear, the way I understand it (and I may be wrong) is that the highlighted statements in green are incorrect. The info on the field sheets appear to have been entered correctly into LIMS and the Chemistry report reflects this. It appears the info on the filed sheets may be incorrect though and so an amended report will be necessary once we get corrected field sheets.

Colin

From: Wright, Colin
Sent: Friday, April 26, 2019 9:36 AM
To: Swanson, Cheryl <Cheryl.Swanson@dep.state.fl.us>; Bowden, Magan <Magan.Bowden@dep.state.fl.us>
Cc: Ayres, Joshua <Joshua.Ayres@dep.state.fl.us>; Savage, Jacqueline <Jacqueline.Savage@dep.state.fl.us>
Subject: RE: NE-DIST-2019-03-13-03

This is rather complicated and seems to include a number of assumptions. We need to get corrected field sheets from the customer before we do anything further. I would strongly advise getting copies of actual field sheets rather than emails.

Colin

From: Swanson, Cheryl
Sent: Friday, April 26, 2019 8:50 AM
To: Bowden, Magan <Magan.Bowden@dep.state.fl.us>; Wright, Colin <Colin.Wright@dep.state.fl.us>
Cc: Ayres, Joshua <Joshua.Ayres@dep.state.fl.us>; Savage, Jacqueline <Jacqueline.Savage@dep.state.fl.us>
Subject: FW: NE-DIST-2019-03-13-03

Magan, having two sites with time 9:50 is wrong. There are 3 sites, sampled at 9:15, 9:50, and 10:45. See below and the two attached emails about the times. It looks like the stickers on the **DEP COC** were originally reversed but not entered in LIMS correctly. Will you please give the correct times to the corresponding site?

Colin, the Chemistry report is wrong.

Cheryl

Overflow chain of custody (the last one is actually site G1NE0901:

Comp	DATE	TIME
Grab	3/12/19	0915
		0950
		1045

The stickers are one the wrong line of DEP COC. Notice that all parameters were changed except time.

Request Number: RQ-2019-03-11-13
Alachua County March SMP

Customer: NE-DIST
Project ID: SMP

Requester: Jeremy M. Parrish
Collected By: Gregory Owen & Ekinia Taveras

Field Report Prepared By: Gregory Owen
Sampling Agency: ACEPD

Page 1 of 2
last revised Jan 25, 2018

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Location: Sweetwater Branch - Upstream of SR 331
Field ID: G1NE0905
Latitude: 29.63043 Longitude: -82.32255
Temp (C): 22.0 pH: 7.53
Diss. Oxygen: 7.29 mg/L
Total Res. Chlorine: 0.75 mg/L
Sp. Conductance: 349 umho/cm

Location: Sweetwater Branch - N of SE 4th St
Field ID: G1NE0915
Latitude: 29.63819 Longitude: -82.31743
Temp (C): 22.0 pH: 7.64
Diss. Oxygen: 6.70 mg/L
Total Res. Chlorine: 0.75 mg/L
Sp. Conductance: 349 umho/cm

Location: Hogtown Creek - North of CR 30
Field ID: G1NE0901
Latitude: 29.63862 Longitude: -82.39217
Temp (C): 19.8 pH: 7.25
Diss. Oxygen: 4.83 mg/L
Total Res. Chlorine: 0.75 mg/L
Sp. Conductance: 266 umho/cm

Relinquished By: _____ Date/Time: _____ Shipping Method: _____ Number of Coolers Shipped: _____ Received By: Tyler R Date/Time: 03/12/19 9:50

From: Bowden, Magan <Magan.Bowden@dep.state.fl.us>

Sent: Thursday, April 25, 2019 3:10 PM

To: Swanson, Cheryl <Cheryl.Swanson@dep.state.fl.us>; Savage, Jacqueline <Jacqueline.Savage@dep.state.fl.us>

Cc: Wright, Colin <Colin.Wright@dep.state.fl.us>

Subject: RE: NE-DIST-2019-03-13-03

Completed

Magan Bowden
Florida DEP Labs
Office: 850-245-8062

Direct: 58062

Magan.Bowden@dep.state.fl.us

From: Swanson, Cheryl

Sent: Thursday, April 25, 2019 12:43 PM

To: Bowden, Magan <Magan.Bowden@dep.state.fl.us>; Savage, Jacqueline
<Jacqueline.Savage@dep.state.fl.us>

Cc: Wright, Colin <Colin.Wright@dep.state.fl.us>

Subject: NE-DIST-2019-03-13-03

Magan,

NE-DIST-2019-03-13-03. The time is incorrect in LIMS for site Sweetwater Branch – upstream of SR 331. This is incorrect for the Biology samples only. Chemistry certified their report and the time on that report matches the submittal. Can you fix for Biology? Also, why would the time be different between Chem and Bio for the same site?

This Event is due 5/1.

Jackie, this has chlorophyll but it shouldn't change the results/qualifiers.

Cheryl

RQ- 2019-03-11-13

Log-in Checklist

Login Station ID: #4

Shipping Method: FedEx UPS | HD | Greyhound

Date/Time of Receipt: 03/13/2019 @ 9:50

Cooler Temperature*	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Tracking # (fill out only if waybill copy is damaged)
	HNO ₃	Formalin		Present?		*Intact?		
				Yes	No	Yes	No	
0.9°C			12		X			4751 8777 2480

* HNO₃ and Formalin persevered samples do **NOT** have a temperature requirement. For all others, 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 below, fill out the back of this form (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 ☒ Date

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: MR

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		X	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		
W-PFAS-MS					

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

****Acid Preserved Samples:** pH ≤ 2.0? Yes ☒ No ☐ NA ☐ Init: MR

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

Coolers Unpacked/Checked by: Tyler Reynolds Date: 03/13/2019

NCRs (Y/N)? N

Event ID: Alachua County March SMP
NE-DIST-2019-03-13-03 (SMP)
 Date Received: 13-MAR-2019 09:50
Federal Express BIOLOGY

NCR #

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:	REC_04_2018
pH Paper 0.0 – 3.0 Lot #	
pH Paper 0 – 13 Lot #	222516EXP:09/15/2019
Chlorine Test Strips Lot #	091417V EXP:09/2021

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: _____

Customer: NE-DIST

Project ID: SMP

Requester: Jeremy M. Parrish

Field Report Prepared By: Gregory Owen

Collected By: Gregory Owen & Efrain Tavaras

Sampling Agency: ACEPD

Location	WIN ID/Field ID: 	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 3/12/19 Time 0950	☒ Eastern ☐ Central	Composite end Date — Time —	Bottle Group(s) (See pg 2)	
Field ID	G1NE0905	Matrix (type, e.g., Salt, Fresh, etc)	Fresh	Diss. Oxygen	7.29 ☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) —	
WIN/S	Sweetwater Branch - Upstream of SR 331	Temp (C)	22.0	pH	7.53	Sample Depth	0.75 ☒ ft 0.36 ☐ m
Latitude	29.63043 ☐ dd ☐ dms	Longitude	-82.32255 ☒ dd ☐ dms	Salinity (ppt)	—	Sp. Conductance (umho/cm)	349 495
Location	WIN ID/Field ID: 	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 3/12/19 Time 0915	☒ Eastern ☐ Central	Composite end Date NA Time —	Bottle Group(s)	
Field ID	G1NE0916	Matrix (type, e.g., Salt, Fresh, etc)	Fresh	Diss. Oxygen	6.70 ☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) —	
WIN/STO	Sweetwater Branch - N of SE 4th St	Temp (C)	20.0	pH	7.64	Sample Depth	0.3 ☒ ft 0.3 ☐ m
Latitude	29.63819 ☒ dd ☐ dms	Longitude	-82.31793 ☒ dd ☐ dms	Salinity (ppt)	—	Sp. Conductance (umho/cm)	349
Location	WIN ID/Field ID: 	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 3/12/19 Time 1045	☒ Eastern ☐ Central	Composite end Date — Time —	Bottle Group(s)	
Field ID	G1NE0901	Matrix (type, e.g., Salt, Fresh, etc)	Fresh	Diss. Oxygen	4.83 ☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) —	
WIN/S	Hogtown Creek - North of CR 30	Temp (C)	19.8	pH	7.25	Sample Depth	1.0 ☒ ft ☐ m
Latitude	29.63862 ☐ dd ☐ dms	Longitude	-82.39217 ☐ dd ☐ dms	Salinity (ppt)	—	Sp. Conductance (umho/cm)	266
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
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)		Sp. Conductance (umho/cm)	
				Comments			

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
				Tyler R.	03/12/19 @ 9:50

Group: A	Bottle Type:	BP-1L	# of Bottles: 15	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: A	Bottle Type:	P-250ML-WI-THI	# of Bottles: 15	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	NED-AEG-EC					
Group: A	Bottle Type:	QPCR-P-500ML	# of Bottles: 15	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	PCR-FILTER					
Group: A	Bottle Type:	BG-500ML	# of Bottles: 15	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	W-E8321-DI					
	W-E8321-MS					
Group: A	Bottle Type:	P-500ML	# of Bottles: 15	Preservative:	HNO3	Enter Number of Bottles Sent to Lab _____
	W-ICP					
	W-ICPMS					

Date of Request: 29-JAN-2019
 Created By: PARRISH_J On: 29-JAN-2019
 Modified By: JASROTIA_P On: 18-FEB-2019
 Customer: NE-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Northeast District
 Sampling Event: Alachua County March SMP

Send Coolers To:

Phone: 352-264-6833
 Alachua County Environmental Protection Department
 408 W. University Ave. Suite 106
 Gainesville, FL 32601
 Attn: Greg Owen

Program Module Number:

Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 18-FEB-2019
 Biology Request Reviewed By: JASROTIA_P On: 18-FEB-2019
 Sampling Kit Required: YES Ship on: 01-MAR-2019
 Sampling Kit Shipped: YES On: 25-FEB-2019
 Sampling Kit Packed By: REYNOLDS_T
 Preservatives Needed: YES
 Date to Receive Samples: 11-MAR-2019
 Received By: REAVES_S On: 13-MAR-2019

Send Final Report To:

8800 Baymeadows Way West
 Suite 100
 Jacksonville, FL 32256
 Attn: Jeremy Parrish

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

Comments: Group A: Chlorophyll, Metals, Tracers, Markers, Bacteria

NE-AEG-EC

Packing Notes:

15 - vials of nitric acid
 30 - nitric acid labels

Bottle Group A (Water) With 15 Samples:

Bottle Type: BP-1L	Number of Bottles: 15	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type: P-250ML-WI-THI	Number of Bottles: 15	Preserved With: ICE
NED-AEG-EC	Template: DEFAULT	(EPA 1603) Escherichia coli by membrane filter method by Advanced Environmental Laboratory in Gainesville
Bottle Type: QPCR-P-500ML	Number of Bottles: 15	Preserved With: ICE
PCR-FILTER	Template: DEFAULT	(SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis
Bottle Type: BG-500ML	Number of Bottles: 15	Preserved With: ICE
W-E8321-DI	Template:	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
W-E8321-MS	Template: DEFAULT	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
Bottle Type: P-500ML	Number of Bottles: 15	Preserved With: HNO3
W-ICP	Template:	(EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects
Barium		
Calcium		
Iron		
Magnesium		
Potassium		
Sodium		
Zinc		
W-ICPMS	Template:	(EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects
*Boron		

Bottle Group A (Water) With 15 Samples:

Bottle Type: P-500ML

Number of Bottles: 15 Preserved With: HNO3

W-ICPMS

Template:

(EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects

Aluminum

Antimony

Arsenic

Cadmium

Chromium

Copper

Lead

Nickel

Selenium

Silver

Thallium

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