

From: [Baker, Abigail L](#)
To: [Reaves, Shawn D](#); [Ayres, Joshua](#)
Cc: [Sprague, Kara](#)
Subject: FW: RE:
Date: Tuesday, February 9, 2021 11:23:27 AM
Attachments: [image001.png](#)

Hey there,

The sampler confirmed that the times for SO-DIST-2021-01-22-01 should be in eastern instead of central time, so sample times for G5SD0092 and G5SD0093 should be 11:20 and 11:35 instead of 12:20 and 12:35, respectively. Could you please make those changes so we can go ahead with the upload?

Thank you!

Abigail

From: Wolfe, Kirby <Kirby.Wolfe@FloridaDEP.gov>
Sent: Tuesday, February 9, 2021 11:01 AM
To: Baker, Abigail L <Abigail.L.Baker@FloridaDEP.gov>
Cc: Sprague, Kara <Kara.Sprague@FloridaDEP.gov>
Subject: Re: RE:

Hey,
It should be eastern time.

Kirby

Kirby Wolfe
Team Lead
SROC - Environmental Assessment & Restoration
FL Department of Environmental Protection
South District Office
2295 Victoria AVE, Suite 364
Fort Myers, FL 33901
kirby.wolfe@floridadep.gov
Office: (239) 344-5719

From: Baker, Abigail L <Abigail.L.Baker@FloridaDEP.gov>
Sent: Tuesday, February 9, 2021 10:54 AM
To: Wolfe, Kirby <Kirby.Wolfe@FloridaDEP.gov>
Cc: Sprague, Kara <Kara.Sprague@FloridaDEP.gov>

Subject: RE:

Hi Kirby,

I have a follow up question about this same event. The field sheets indicate that the samples were taken at 11:20 (G5SD0092) and 11:35 (G5SD0093) central time, could you double check and let us know if they were supposed to be in eastern time?

Thank you,

Abigail L. Baker

Environmental Specialist I
Division of Environmental Assessment and Restoration
FDEP Laboratory – Biology
2600 Blair Stone Road
Tallahassee, Florida 32399-24000
Abigail.L.Baker@FloridaDEP.gov



From: Wolfe, Kirby <Kirby.Wolfe@FloridaDEP.gov>
Sent: Monday, February 8, 2021 4:46 PM
To: Sprague, Kara <Kara.Sprague@FloridaDEP.gov>
Cc: Baker, Abigail L <Abigail.L.Baker@FloridaDEP.gov>
Subject: RE:

Hi Kara,

Sorry it took so long, I just got back from the field. No E. Coli was not requested on this sample. It must have been an extra x put into the form.

RQ-2021-01-18-37

Mirands's last day was last Thursday.

Thanks,

Kirby

Kirby Wolfe
Team Lead
SROC - Environmental Assessment & Restoration
FL Department of Environmental Protection
South District Office
2295 Victoria AVE, Suite 364
Fort Myers, FL 33901
kirby.wolfe@floridadep.gov
Office: (239) 344-5719

From: Sprague, Kara <Kara.Sprague@FloridaDEP.gov>
Sent: Monday, February 8, 2021 9:20 AM
To: Wolfe, Kirby <Kirby.Wolfe@FloridaDEP.gov>
Cc: Baker, Abigail L <Abigail.L.Baker@FloridaDEP.gov>
Subject: FW:

Hi Kirby,

Can you look at the chain of custody in this Sanders report? Was E. coli requested for G5SD0092?

Also, is Miranda not working down there anymore?

Thank you!

Kara

From: katie sanderslabs.net <katie@sanderslabs.net>
Sent: Friday, February 5, 2021 3:07 PM
To: Baker, Abigail L <Abigail.L.Baker@FloridaDEP.gov>; Wolfe, Kirby <Kirby.Wolfe@FloridaDEP.gov>
Cc: Sprague, Kara <Kara.Sprague@FloridaDEP.gov>
Subject: Re:

For whatever reason that was not ran. They must have missed it and it was not logged/billed either appears container did not have it on there and there were 2 not 3 containers but it was on COC so it should have been caught. We do have leftover volume but it would be Q qualified if you wanted us to run it.

Sorry for inconvenience

Thanks
Katie Strothman
Laboratory Director/ QCM

Sanders Laboratories, Inc.
10090 Bavaria Rd
Ft Myers, FL 33913
941-915-7447 C
239-590-0337 O
Monday - Thursday : 8:30 am - 4:00 pm
Friday: 8:30 am - 1:00 pm
Saturday / Sunday: By appointment only
Closed Holidays

COVID-19 update: In order to do our part to reduce the spread we will have Bay/Suite 2 open and main office will be closed. Please leave your samples in the black fridge and COC in the bin on the cart. Make a copy of the COC for your records at your facility, get copies from client portal, or take picture with your phone we will not be making on site until the CDC space guidelines are removed. Call 239-590-0337 if you need one of our team to assist you with a mask. Call kit pickups in ahead and we will put your bottles in Bay 2 on the cart. Staff will remain at least 6 feet apart at all times in order to do our part to reduce the spread and protect you and your staff. Thank you for helping us meet CDC guidelines. As always our hearts with all of you.

Sanders will always match or beat any quoted price.

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From: Baker, Abigail L <Abigail.L.Baker@FloridaDEP.gov>

Sent: Friday, February 5, 2021 1:55 PM

To: Wolfe, Kirby <Kirby.Wolfe@FloridaDEP.gov>; katie sanderslabs.net <katie@sanderslabs.net>

Cc: Baker, Abigail L <Abigail.L.Baker@FloridaDEP.gov>; Sprague, Kara <Kara.Sprague@FloridaDEP.gov>

Subject:

Good afternoon,

Could you please verify the information on the chain of custody record for RQ-2021-01-18-37? It looks like an E. coli sample was requested for G5SD0092 but does not show up on the report.

I've attached the report/COC here so you can take a look.

Thank you,

Abigail L. Baker

Environmental Specialist I
Division of Environmental Assessment and Restoration
FDEP Laboratory – Biology
2600 Blair Stone Road
Tallahassee, Florida 32399-24000
Abigail.L.Baker@FloridaDEP.gov



RQ- 2021-01-18-37

Login Checklist

Login Station ID: #5

Shipping Method: FedEx | UPS | HD | GreyhoundDate/Time of Receipt: 1/ 22 /21 @ 9:35

*Cooler Temperature	Samples Frozen?	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Waybill Tracking #
	YES	HNO ₃	Formalin		Present?		*Intact?		
					Yes	No	Yes	No	
1.6				6		✓			9293 8009 3740

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: kh

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: kh

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

Yes _____ No _____ NA ☒ Init: kh

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

Coolers Unpacked/Checked by: khDate: 1/ 22 /21Event contains NCRs (Y/N)? NEvent ID: 2021 SMP : Wilderness Waterway
SO-DIST-2021-01-22-01 (SMP)Date Received: 22-JAN-2021 09:35

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	Temp Gun #5 EXP:10/28/2021
pH Test Strips 0 – 6	5/15/21 LOT#213316BV
pH Paper 0 – 3	
pH Paper 0 – 13	231019 EXP:11/01/2022
Chlorine Test Strips	8261 EXP:07/2021

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: 1/21/2021 **Collected By:** Kirby Wolfe, Miranda Carroll
Customer: SO-DIST **Sampling Agency:** FDEP
RQ: RQ-2021-01-18-37 **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
Enre10 Lopez River	 G5SD0092
Enre9 Lopez River	 G5SD0093

RELINQUISHED BY(SIGNATURE):

Kirby Wolfe

DATE/TIME:

1/21/21

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By: *HLK*

Rec'd/Inspected Date: *1-22-21/0935*



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2020

Meter Passed End
of Day CCV
Yes / No

WIN Station Name: Enre9 Lopez River

Date: 1/21/2021

WIN/Field ID: G5SD0093

WBID: 3289A

ENR: ENRE9

Latitude: 25.7948

County: MONROE

Org ID: 21FLFTM

Longitude: -81.2974

Receiving Body of Water: Everglades

RQ- 2021-01-18-37

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
☒	Kirby Wolfe	☒	☒	☒	☒	☒
☒	Miranda Carroll	☒	☒	☒	☒	☒
☐		☐	☐	☐	☐	☐
☐		☐	☐	☐	☐	☐

Sampling Equipment	
☒ Sample Container	☐ Carboy
☐ Dipper	☐ Van Dorn
☒ Syringe	☐ Pole
Depth measured with: Secchi	
Secchi Equipment ID: DEEP BLUE	
Collection Method	
☐ Wading	☐ Canoe/Kayak
☐ From Shore	☐ Electric Motor
☐ Other	☒ Gasoline Motor

Water Level: ☒ Normal ☐ Low ☐ High ☐ Dry ☐ Pooled ☐ Flooded		Meter ID# PRO MOVE	
Photos: NO	Flow: FLOW	Tide: FALLING	Tide Times: High: 900 Low: 1500
Biological Samples Collected: ☒ None ☐ HA ☐ SCI ☐ RPS ☐ Algae ID ☐ LVS ☐ LVI Other:			
SBIO ID Numbers:			
Notes:			

Duplicate Sample

Time Zone: CEN Time: Field ID: N/A (WIN ID_DUP)

WIN DMT Activity ID:

Blank

Time Zone:	Time:	Field ID:	(Blank Type_DDDMMYYY)
DI Source:	Location:		
DI Type:	Equipment ID:		
DI Container (Name/ID):		DI Container Type:	

LIMS EVENT ID: WIN Import ID:

Enter Field Parameters, Verify Station ID In LIMS DMT: (Initials/Date) QC Station ID, Field Parameters In LIMS DMT: (Initials/Date)

Scan/Save Field Sheets (Initials/Date) Migrate Data to WIN: (Initials/Date) Verify Data In WIN: (Initials/Date)



RQ-2021-01-18-37

Customer: WQAP

Project ID: SMP

Collected By: Kirby Wolfe, Miranda Carroll

Field Report Prepared By: Kirby Wolfe

Sampling Agency: FDEP

Place Label Here

WIN ID/Field ID:



G5SD0093

Location: Enre9 Lopez River

Comments: Microbiology sample(s) submitted to contract laboratory

Matrix: Marine

(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 _h)
1/21/2021	1135 CEN	6.89	82.9	20.4	7.62	0.3	1.1 ☐ VOB (S)	1.2	22540	13.67
	CEN						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)	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP Lot # Sa0038110 Exp: 2/21/22	☒ Ice ☒ H2SO4*	☒ <2	1	A
Metals (P-500ML)	☐ W-ICPMS ☐ W-ICP ☐ W-HARD Lot # Exp:	☐ Ice ☐ HNO3*	☐ <2		
Filtered Nutrients (P125ML)	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter Filter Lot # 17101170 Syringe Lot # 0118593	☒ Ice		1	A
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			
Physical/Aggregate (Marine) (P-1L)	☒ Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY	☒ Ice		1	A
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		1	A
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 WE8321-MS W-PSNP-TQ W-CT-CL-R W-PCL-SQ-R W-CARB-AA (5 ml of MCAA** Buffer Solution) W-DIELDRIN	☐ Ice			
Phytoplankton/Periphyton	DTM-QL-C PEN-QL-C DTY-QN-C PKD-QN-C DTM-QN-C PRN-QN-C	☐ Ice			
Name: Kirby Wolfe Miranda Carroll	Signature: <i>Kirby Wolfe</i>	Date: 1/21/21			

*2.0 ml of Preservative used unless noted otherwise.

**MCAA: Monochloroacetic acid buffer solution



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2020

Meter Passed End
of Day CCV
Yes / No

WIN Station Name: Enre10 Lopez River

Date: 1/21/2021

WIN/Field ID: G5SD0092

WBID: 3289A

ENR: ENRE10

Latitude: 25.7838

County: MONROE

Org ID: 21FLFTM

Longitude: -81.3245

Receiving Body of Water: Everglades

RQ- 2021-01-18-37

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
☒	Kirby Wolfe	☒	☒			
☒	Miranda Carroll		☒		☒	☒
☐						
☐						

Sampling Equipment	
☒ Sample Container	☐ Carboy
☐ Dipper	☐ Van Dorn
☒ Syringe	☐ Pole
Depth measured with: Secchi	
Secchi Equipment ID: DEEP BLUE	
Collection Method	
☐ Wading	☐ Canoe/Kayak
☐ From Shore	☐ Electric Motor
☐ Other	☒ Gasoline Motor

Water Level: ☒ Normal ☐ Low ☐ High ☐ Dry ☐ Pooled ☐ Flooded		Meter ID# PRO MOVE	
Photos: NO	Flow: FLOW	Tide: FALLING	Tide Times: High: 900 Low: 1500
Biological Samples Collected: ☒ None ☐ HA ☐ SCI ☐ RPS ☐ Algae ID ☐ LVS ☐ LVI Other:			
SBIO ID Numbers:			
Notes:			

Duplicate Sample

Time Zone: CEN	Time:	Field ID: N/A	(WIN ID_DUP)
WIN DMT Activity ID:			

Blank

Time Zone:	Time:	Field ID:	(Blank Type_DDMMYYYY)
DI Source:	Location:		
DI Type:	Equipment ID:		
DI Container (Name/ID):	DI Container Type:		

LIMS EVENT ID:	WIN Import ID:		
Enter Field Parameters, Verify Station ID In LIMS DMT:	QC Station ID, Field Parameters In LIMS DMT:		
(Initials/Date)	(Initials/Date)		
Scan/Save Field Sheets	Migrate Data to WIN:	Verify Data In WIN:	(Initials/Date)
(Initials/Date)	(Initials/Date)		



RQ-2021-01-18-37

Customer: WQAP

Project ID: SMP

Collected By: Kirby Wolfe, Miranda Carroll

Field Report Prepared By: Kirby Wolfe

Sampling Agency: FDEP

Place Label Here

WIN ID/Field ID:



G5SD0092

Location: Enre10 Lopez River

Comments: Microbiology sample(s) submitted to contract laboratory

Matrix: Marine

(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 (PPTH)
1/21/2021	1120 CEN	7.12	88.6	19.8	8.33	0.3	1.2 ☐ VOB (S)	1.8	33600	21.16
	1121 CEN	7.09	88.4	19.3	8.02	1.3	Central Lab please use top row for login purposes		36836	22.02

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 Lot # Sa0038110 Exp: 2/7/21	☒ Ice ☒ H2SO4*	☒ <2	1	A
Metals (P-500ML)	☐ W-ICPMS ☐ W-ICP ☐ W-HARD Lot # Exp:	☐ Ice ☐ HNO3* ☐ <2			
Filtered Nutrients (P125ML)	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter Filter Lot # 17101170 Syringe Lot # 0118593	☒ Ice		1	A
Chlorophyll (BP-1L)	☒ CHLSUITE-W	☒ Ice		1	A
Physical/Aggregate (Fresh) (P-1L)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CH-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		1	A
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 WE8321-MS W-PSNP-TQ W-CT-CL-R W-PCL-SQ-R W-CARB-AA (5 ml of MCAA** Buffer Solution) W-DIELDRIN	☐ Ice			
Phytoplankton/Periphyton	DTM-QL-G PEN-QL-G DTY-QN-C PKD-QN-C DTM-QN-C PRN-QN-C	☐ Ice			
Name: Kirby Wolfe Miranda Carroll	Signature: <i>Kirby Wolfe</i>	Date: 1/21/21			

*2.0 ml of Preservative used unless noted otherwise.

**MCAA: Monochloroacetic acid buffer solution



CHAIN OF CUSTODY RECORD

Project #
(Lab Use Only)

Client Florida Dept. of Environmental Protection

Address 2600 Blairstone Rd. Tallahassee, FL 32399

Phone 850-245-8085

Fax

Report To: DEP-OverflowMicro@dep.state.fl.us

Bill to: Carina Tull

P.O. # LAB #039

Preservative: HCL = H, HNO₃ = N, Na₂S₂O₃ = ST

H₂SO₄ = S, NaOH = SH, NH₄Cl = NH

Project Name: SMP

Project Location: W. Idarusa Waterway

Customer Type: FDEP - South ROC

Kit #:

Requested Due Date:

Sampled By (PRINT) <u>Miranda Carroll</u>					Preservatives					Analysis Requested										Sample ID # (Lab Use Only)			
Sampler Signature <u>[Signature]</u>					Sample					H	Cl	S	E. coli	Enterococci	Fecal Coliforms								
Matrix	Sample Description		Date	Time	Type																		
M	G55D0092 (2 bottles)		1/21/21	1120	Grab																		
M	G55D0093 (2 bottles)		1/21/21	1135	Grab																		
Bottle Lot #			Relinquished By/Affiliation			Date	Time	Accepted By/Affiliation			Date	Time											
	Samples are ambient water		[Signature]			1/21/21	1400																
	2021-01-18-37		Client Initial: MC																				
	RQ-2020		Samples On Ice																				
			Yes No																				

CALIBRATION AND VERIFICATION LOG (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000)

Meter ID: Pro-Move

RQ: 2021-01-18-37

Project: SMP:WW

Boldly "X" this box if there are qualified data on this page.

- Notes:** (1) Always wait for meter to stabilize before recording any readings.
 (2) Report all digits displayed. Do not round before reporting measurements. (See special instructions for depth).
 (3) For Calibrations, record calibrated meter reading. Do not record initial meter reading before calibration.

Temperature (Quarterly) FT 1400

Date of Last Temperature Verification 10/27/20

DO DEP SOP FT 1500	Name	Date	Time CT-ET	Temp °C	Baro-meter mmHg	D.O. Chart mg/L	Meter D.O. mg/L	% DO	Probe Charge	Probe Gain	Pass / Fail	Lab / Field
Calibr.	<u>Miranda Carroll</u>	<u>1/21/21</u>	<u>0805</u>	<u>23.1</u>	<u>762.0</u>	<u>8.6</u>	<u>8.58</u>	<u>100.3</u>			<u>P</u> /F	<u>L</u> /F
ICV	<u>"</u>	<u>"</u>	<u>0806</u>	<u>23.1</u>	<u>762.0</u>	<u>8.6</u>	<u>8.58</u>	<u>100.2</u>			<u>P</u> /F	<u>L</u> /F
CCV	<u>"</u>	<u>"</u>	<u>1524</u>	<u>23.6</u>	<u>759.0</u>	<u>8.5</u>	<u>8.49</u>	<u>100.0</u>			<u>P</u> /F	<u>L</u> /F
CCV											P/F	L/F

DO Acceptance criteria from Table ± 0.3 mg/L.

Rapid-Pulse Sensors: DO Gain Range 0.7 to 1.4; DO Charge Range 25-75.

Optical: DO gain range 0.85 to 1.15 (Pro DSS 0.75 to 1.50); DO charge N/A. Steady-state & Galvanic Sensors: DO Gain & Charge N/A.

Spec. Cond. FT 1200	Name	Date	Time CT-ET	Lot #	Expir. Date	Standard μ mhos/cm	Meter Reading μ mhos/cm	Pass / Fail	Lab / Field
Calibr.	<u>Miranda Carroll</u>	<u>1/21/21</u>	<u>0808</u>	<u>1002A78</u>	<u>2/22</u>	<u>10,000</u>	<u>10,000</u>	<u>P</u> /F	<u>L</u> /F
ICV	<u>"</u>	<u>"</u>	<u>0809</u>	<u>2909C48</u>	<u>9/21</u>	<u>50,000</u>	<u>48661</u>	<u>P</u> /F	<u>L</u> /F
CCV	<u>"</u>	<u>"</u>	<u>1525</u>	<u>2909C48</u>	<u>9/21</u>	<u>50,000</u>	<u>48730</u>	<u>P</u> /F	<u>L</u> /F
CCV								P/F	L/F

Conductivity Acceptance criteria $\pm 5\%$

pH DEP SOP FT 1100	Name	Date	Time CT-ET	Lot #	Expir. Date	pH Buffer SU	Temp °C	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	<u>Miranda Carroll</u>	<u>1/21/21</u>	<u>0813</u>	<u>202114</u>	<u>5/22</u>	<u>7.00</u>	<u>24.0</u>	<u>7.01</u>	<u>-124.5</u>	<u>P</u> /F	<u>L</u> /F
Calibr.	<u>"</u>	<u>"</u>	<u>0814</u>	<u>203325</u>	<u>7/22</u>	<u>4.01</u>	<u>24.0</u>	<u>4.00</u>	<u>39.1</u>	<u>P</u> /F	<u>L</u> /F
Calibr.	<u>"</u>	<u>"</u>	<u>0817</u>	<u>203539</u>	<u>6/22</u>	<u>10.02</u>	<u>23.8</u>	<u>10.01</u>	<u>-295.0</u>	<u>P</u> /F	<u>L</u> /F
ICV	<u>"</u>	<u>"</u>	<u>0819</u>	<u>203325</u>	<u>7/22</u>	<u>4.01</u>	<u>24.0</u>	<u>3.97</u>		<u>P</u> /F	<u>L</u> /F
CCV	<u>"</u>	<u>"</u>	<u>1527</u>	<u>203539</u>	<u>6/22</u>	<u>10.02</u>	<u>24.0</u>	<u>10.03</u>		<u>P</u> /F	<u>L</u> /F
CCV										P/F	L/F

pH Acceptance criteria ± 0.2 SU; mV pH 7 Range 0 ± 50 ;

mV pH 4 Range $+180 \pm 50$;

mV pH 10 Range -180 ± 50 ;

If mV are recorded: slope from 7 to 10 _____, slope from 4 to 7 _____ (both must be between 165 and 180 mV)

Does meter have a depth sensor that will be used to measure total depth & sample depth? YES / NO / NA (not surf. water project)

If YES, complete daily Calibr. & ICV below and list date of last quarterly depth verification: _____

If NO, what will be used? (circle one) Secchi Disk Line / Sonar Unique ID: Dep Blue; Date of last verification: 7/7/20

Depth Sensor (Daily Calibration & ICV)	Name	Date	Time CT-ET	Calibrated Value (0.00 or Offset), meters	ICV Value, meters	Pass / Fail	Lab / Field
Pressure mode in air						P/F	L/F

Report two decimal places. Round numbers ≤ 4 down, ≥ 5 up. ICV acceptance criteria $\pm 5\%$ or ± 0.05 m, whichever is greater.

COMMENTS:

Date of Request: 29-DEC-2020
 Created By: HORMUTH_C On: 29-DEC-2020
 Modified By: JASROTIA_P On: 04-JAN-2021
 Customer: SO-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: South District
 Event Description: 2021 SMP : Wilderness Waterway

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: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 30-DEC-2020
 Biology Request Reviewed By: JASROTIA_P On: 04-JAN-2021
 Sampling Kit Required: YES Ship on: 08-JAN-2021
 Sampling Kit Shipped: YES On: 06-JAN-2021
 Sampling Kit Packed By: REYNOLDS_T
 Preservatives Needed: NO
 Date to Receive Samples: 18-JAN-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; Gary.Snorek@dep.state.fl.us; Miranda.Carroll@FloridaDEP.gov; Chris.Hormuth@FloridaDEP.gov

Comments: Group A: Marine Nutrients, Entero, Fecal

Bottle Group A (Water) With 2 Samples:

Bottle Type: P-1L	Number of Bottles: 2	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-BR-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Bromide 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: 2	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: 4	Preserved With: ICE
SD-SND-ENQ	Template: DEFAULT	(Enterolert/QT) Enterococci by Enterolert/QT by Sanders in Fort Myers
SD-SND-FC	Template: DEFAULT	(SM 9222 D) Fecal coliforms by MF by Sanders in Fort Myers
Bottle Type: P-500ML	Number of Bottles: 2	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: 2	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