

Log-in Checklist

RQ- _____

Login Station ID: _____

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: _____

Cooler Temperature*	Samples Frozen	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Tracking # Damaged waybills only
					Present?		*Intact?		
	YES	HNO ₃	Formalin		Yes	No	Yes	No	

* 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 and microbiology), or if Evidence Seal is damaged. Identify the containers in the affected cooler(s) on back of this form. **DOH coolers can exceed 2.0 °C above standard temperature without customer notification/confirmation.**

****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 _____

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: _____

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		
W-PFAS-MS					

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 _____ Init: _____

Coolers Unpacked/Checked by: _____ **Date:** _____ **NCRs (Y/N)?** _____

Event ID: _____ **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:	
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_____

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: _____

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

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

Meter ID: Posi

RQ: 2021-08-23-12

Project: SMP Pelican CM

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 8/16/21

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.	Brian Davis	8/25/21	808	22.3	763.1	8.7	—	100.4	—	1.06	(P) F	(L) F
ICV	↓	↓	82	22.2	763.0	8.7	8.75	100.5	—	1.06	(P) F	(L) F
CCV	Kim Appleby	↓	1817	22.5	761.8	8.7	8.74	100.9	—	1.06	(P) F	(L) 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 µmhos/cm	Meter Reading µmhos/cm	Pass / Fail	Lab / Field
Calibr.	Brian Davis	8/25/21	802	210426B	5/22	1000	1000	(P) F	(L) F
ICV	↓	↓	805	210426C	5/22	1413	1398	(P) F	(L) F
CCV	Kim Appleby	↓	1826	210426A	5/22	100	101.8	(P) F	(L) F
CCV								P / F	L / F

Conductivity Acceptance criteria ± 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.	Brian Davis	8/25/21	813	2104E81	4/23	7.01	22.7	7.01	-14.1	(P) F	(L) F
Calibr.	↓	↓	815	2103659	3/23	4.00	22.8	4.00	162.8	(P) F	(L) F
Calibr.	↓	↓	817	2107A04	12/22	10.02	22.7	10.03	-187.9	(P) F	(L) F
ICV	↓	↓	820	2104E81	4/23	7.01	22.7	7.03	-14.1	(P) F	(L) F
CCV	Kim Appleby	↓	1833	2107A04	12/22	10.02	22.7	10.03	-192.8	(P) F	(L) F
CCV								10.08	-191.6	P / F	L / F

pH Acceptance criteria ± 0.2 SU; mV pH 7 Range 0 ± 50; mV pH 4 Range +180 ± 50; mV pH 10 Range -180 ± 50;

If mV are recorded: slope from 7 to 10 173.8, slope from 4 to 7 176.9 (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: 8/18/21

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

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	Brian Davis	8/25/21	822	0.00	0.00	(P) F	(L) F

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

COMMENTS:

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CHAIN OF CUSTODY FORM

Date: 8/25/2021
Customer: NE-DIST
RQ: RQ-2021-08-23-12

Collected By: Kimberly Appleby, Brian Davis
Sampling Agency: FDEP
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: 0

Delivery Method: FedEx

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

Site Location	Field ID/WIN ID
PELLICER CR AT US 1	 27010016

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 8/25/2021
1600EST

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By:

Rec'd/Inspected Date:



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PLAN FIELD SHEET

January 2020

Meter Passed End
of Day CCV
Yes / No

WIN Station Name: PELLICER CR AT US 1 **Date:** 8/25/2021
WIN/Field ID: 27010016 **WBID:** 2580B **ENR:** ENRT4 **Latitude:** 29.6513
County: FLAGLER **Org ID:** 21FLA **Longitude:** -81.29
Receiving Body of Water: Upper East Coast **RQ:** 2021-08-23-12

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
☒	Kimberly Appleby		x		x	x
☒	Brian Davis	x		x		
☐						
☐						

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

Water Level: ☒ Normal ☐ Low ☐ High ☐ Dry ☐ Pooled ☐ Flooded						Meter ID# DESI					
Photos: NA		Flow: FLOW		Tide: RISING		Tide Times: High: Low:					
Biological Samples Collected: ☒ None ☐ HA ☐ SCI ☐ RPS ☐ Algae ID ☐ LVS ☐ LVI Other:											
SBIO ID Numbers:											
Notes:											

Duplicate Sample

Time Zone: EST	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: _____ **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-2021-08-23-12

Customer: WQAP

Project ID: SMP

Collected By: Kimberly Appleby, Brian Davis

Field Report Prepared By: Kimberly Appleby

Sampling Agency: FDEP

Place Label Here

WIN ID/Field ID:



27010016

Location: PELLICER CR AT US 1

Comments: Microbiology sample(s) submitted to contract laboratory

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 _h)	
	1400 EST	3.98	50.3	27.3	7.11	0.3	0.5 ☐ VOB (S)	3.5	220.2	0.1	
8/25/2021											
	1403 EST	4.07	49.3	25	7	3			211.2	0.1	
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			
		Lot #		Exp:							
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					
		Filter Lot #									
		Syringe Lot #									
Chlorophyll (BP-1L)		☐ CHLSUITE-W				☐ Ice					
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					
Macroinvertebrates (PJ-2L)		☐ MI-FW-QLDC	Formalin Lot #			☐ Formalin					
Periphyton (PT-50ML)		☐ ALGAE-ID				☐ Ice					
Microbiology (Contract Lab Bottle)		☒ E Coli ☒ F Coli ☐ Enterococci ☒ Contract Lab				☒ Ice			2	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	☐ Ice					
Phytoplankton/Periphyton		W-PCL-TQ-R	W-CARB-AA (5 ml of MCAA** Buffer Solution)	DTY-QN-C	PKD-QN-BV	☐ Ice					
Name: Kimberly Appleby Brian Davis					Signature: <i>Kimberly Appleby</i>				Date: 8/25/2021		

*2.0 ml of Preservative used unless noted otherwise.

**MCAA: Monochloroacetic acid buffer solution

Date of Request: 20-JUL-2021
Created By: PARRISH_J On: 20-JUL-2021
Modified By: JASROTIA_P On: 21-JUL-2021
Customer: NE-DIST
Project: SMP
Division: Division of Environmental Assessment and Restoration
District: Northeast District
Event Description: Continuous monitoring Bacteria

Send Coolers To:

Phone: 904-807-3300
8800 Baymeadows Way West
Suite 100
Jacksonville, FL 32256
Attn: Jeremy Parrish
Cooler Ship EMail: Jeremy.M.Parrish@dep.state.fl.us

Priority: 3
Event Status: A
Criminal Investigation: NO
Chemistry Request Reviewed By:
Biology Request Reviewed By: JASROTIA_P On: 21-JUL-2021
Sampling Kit Required: NO Ship on:
Sampling Kit Shipped:
Sampling Kit Packed By:
Preservatives Needed: NO
Date to Receive Samples: 23-AUG-2021
Logged In By:

Send Final Report To:

8800 Baymeadows Way West
Suite 100
Jacksonville, FL 32256
Attn: Jeremy Parrish
Report Notification EMail: Jeremy.M.Parrish@dep.state.fl.us

Comments: Group A: (Surf-Salt) Bacteria,

NE-ALS-FC
NE-ALS-ENQ

Packing Notes:

Bottle Group A (Water) With 1 Samples:

Bottle Type: P-250ML-WI-THI Number of Bottles: 1 Preserved With: ICE
NE-ALS-ENQ Template: DEFAULT (ASTM D650399) Enterococci by Enterolert/QT by ALS in Jacksonville
ENTEROCOCCI-ENTEROLERT
Bottle Type: P-250ML-WI-THI Number of Bottles: 1 Preserved With: ICE
NE-ALS-FC Template: DEFAULT (SM 9222 D) Fecal coliforms by MF by ALS in Jacksonville
Fecal Coliforms-Membrane Filter

From: [Davis, Brian G.](#)
To: [Musson, Curtis](#); [DEP-Overflowmicro](#)
Cc: [Appleby, Kimberly](#)
Subject: RE: RQ-2021-08-23-12
Date: Thursday, August 26, 2021 3:32:34 PM
Attachments: [image001.png](#)

Beautiful. I will call/email them now.

From: Musson, Curtis <Curtis.Musson@FloridaDEP.gov>
Sent: Thursday, August 26, 2021 3:32 PM
To: Davis, Brian G. <Brian.G.Davis@FloridaDEP.gov>; DEP-Overflowmicro <DEP-Overflowmicro@dep.state.fl.us>
Cc: Appleby, Kimberly <Kimberly.Appleby@FloridaDEP.gov>
Subject: RE: RQ-2021-08-23-12

Run it.
Micro results out of hold can be used for assessment.
Curtis

From: Davis, Brian G. <Brian.G.Davis@FloridaDEP.gov>
Sent: Thursday, August 26, 2021 11:46 AM
To: DEP-Overflowmicro <DEP-Overflowmicro@dep.state.fl.us>
Cc: Appleby, Kimberly <Kimberly.Appleby@FloridaDEP.gov>; Musson, Curtis <Curtis.Musson@FloridaDEP.gov>
Subject: RE: RQ-2021-08-23-12

Hi all,

I am really sorry about this mix up. Yesterday I thought the WBID was fresh and when I made the bottle group here in our lab I put on the ALS COC E.Coli so that is how it was run. I spoke with ALS and they say they have enough of the sample to run it as Enterro but it would be coded out of holding time.

Curtis,

Will that be ok for our SMP project or should we just scrap it and resample a different time. We need 10 samples total at that site and we have 5 so far.

I can call/email ALS to have them run the sample by the end of the day if it being coded is ok.

Brian D.

From: Appleby, Kimberly <Kimberly.Appleby@FloridaDEP.gov>
Sent: Thursday, August 26, 2021 10:24 AM
To: Davis, Brian G. <Brian.G.Davis@FloridaDEP.gov>

Subject: Fwd: RQ-2021-08-23-12

Hi Brian,

Please see the below message.

Thank you,
Kim

Sent from my T-Mobile 4G LTE Device
Get [Outlook for Android](#)

From: DEP-Overflowmicro <DEP-Overflowmicro@dep.state.fl.us>
Sent: Thursday, August 26, 2021, 9:05 AM
To: Appleby, Kimberly
Subject: RE: RQ-2021-08-23-12

Good morning! Thank you for the COC packet. I see that the RQ order was for Enterococci and Fecal Coliform, but the COC shows you sent samples to the lab for E.coli and Fecal Coliform. Please advise if you will send a corrected order to the lab or if I should process this paperwork for Enterococci instead of E.coli.

Thank you,
Amber Eells



Amber Eells
Environmental Specialist II
FDEP Laboratories – Biology
2600 Blair Stone Road
Tallahassee, Florida 32399-24000
Amber.Eells@FloridaDEP.gov

From: Appleby, Kimberly <Kimberly.Appleby@FloridaDEP.gov>
Sent: Wednesday, August 25, 2021 6:48 PM
To: DEP-Overflowmicro <DEP-Overflowmicro@dep.state.fl.us>
Cc: Davis, Brian G. <Brian.G.Davis@FloridaDEP.gov>
Subject: RQ-2021-08-23-12

Hello,

Attached is the COC packet for RQ-2021-08-23-12, which was sent to an overflow lab.

Thank you,
Kim



Kimberly Appleby

Florida Department of Environmental Protection
Division of Environmental Assessment and Restoration
Environmental Specialist II
Kimberly.Appleby@FloridaDEP.gov
Office: 904-256-1673