

Klug, Kyle

From: Luering, Andrew
Sent: Tuesday, March 16, 2021 12:40 PM
To: Klug, Kyle; Skaggs, Jordan
Cc: Fischer, Sabrina; Liddick, Drew; Watts, John
Subject: Re: RQ-2021-03-15-45_Andrew Luering_CustodySheet

That's correct. Error on our end. I apologize. I just sent you the updated coc.



Andrew Luering
Environmental Specialist II
Southeast Regional Operation Center
Florida Department of Environmental Protection
Department of Environmental Assessment and
Restoration
2199 South Rock Road
Fort Pierce, FL 34945
Andrew.Luering@floridadep.gov
Office: 772.448.5884

From: Klug, Kyle <Kyle.Klug@FloridaDEP.gov>
Sent: Tuesday, March 16, 2021 12:38 PM
To: Luering, Andrew <Andrew.Luering@FloridaDEP.gov>; Skaggs, Jordan <Jordan.Skaggs@FloridaDEP.gov>
Cc: Fischer, Sabrina <Sabrina.Fischer@FloridaDEP.gov>; Liddick, Drew <Drew.Liddick@FloridaDEP.gov>; Watts, John <John.Watts@FloridaDEP.gov>
Subject: RE: RQ-2021-03-15-45_Andrew Luering_CustodySheet

I see the email now, though it says its for RQ-2021-03-15-46. The bottle says 03-15-45. Will you please confirm the correct RQ?

Kyle

From: Luering, Andrew <Andrew.Luering@FloridaDEP.gov>
Sent: Tuesday, March 16, 2021 12:25 PM
To: Klug, Kyle <Kyle.Klug@FloridaDEP.gov>; Skaggs, Jordan <Jordan.Skaggs@FloridaDEP.gov>
Cc: Fischer, Sabrina <Sabrina.Fischer@FloridaDEP.gov>; Liddick, Drew <Drew.Liddick@FloridaDEP.gov>; Watts, John <John.Watts@FloridaDEP.gov>
Subject: Re: RQ-2021-03-15-45_Andrew Luering_CustodySheet

That sample is on a separate COC signed by Drew Liddick. We were having issues with our tablet. Let me know if you cannot locate it.



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2199 South Rock Road
Fort Pierce, FL 34945
Andrew.Luering@floridadep.gov
Office: 772.448.5884

From: Klug, Kyle <Kyle.Klug@FloridaDEP.gov>
Sent: Tuesday, March 16, 2021 11:58 AM
To: Luering, Andrew <Andrew.Luering@FloridaDEP.gov>
Cc: Fischer, Sabrina <Sabrina.Fischer@FloridaDEP.gov>; Liddick, Drew <Drew.Liddick@FloridaDEP.gov>; Watts, John <John.Watts@FloridaDEP.gov>
Subject: RE: RQ-2021-03-15-45_Andrew Luering_CustodySheet

Good morning,

I received an Ecoli sample for site G5SE0046, though there is no paperwork for this sample. Will you please send me an updated CoC form that includes this sample and a submittal form for it?

Thank you,

Kyle

From: Luering, Andrew <Andrew.Luering@FloridaDEP.gov>
Sent: Tuesday, March 16, 2021 8:33 AM
To: Lab.Receiving <Lab.Receiving@floridadep.gov>
Cc: Liddick, Drew <Drew.Liddick@FloridaDEP.gov>; Fischer, Sabrina <Sabrina.Fischer@FloridaDEP.gov>
Subject: RQ-2021-03-15-45_Andrew Luering_CustodySheet



Andrew Luering
Environmental Specialist II

Southeast Regional Operation Center

Florida Department of Environmental Protection

Department of Environmental Assessment and
Restoration

2199 South Rock Road

Fort Pierce, FL 34945

Andrew.Luering@floridadep.gov

Office: 772.448.5884

Login Checklist

RQ- 2021-03-15-45

Login Station ID: #5

Shipping Method: RedEx | UPS | HD | Greyhound

Date/Time of Receipt: 3/ 16 /21 @ 10:40

*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	
0.7				8		✓			9293 8010 8610
1.3				6		✓			9293 8011 0183

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: KK

Chlorine detected? (One container checked per Field ID)

Yes _____ No ✓ Init: KK

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: KK

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

Yes _____ No _____ NA ✓ Init: KK

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

Coolers Unpacked/Checked by: KK

Date: 3/ 16 /21

Event contains NCRs (Y/N)? N

EventID: SMP - Palm Beach West 1
SE-DIST-2021-03-16-02 (SMP)

— Date Received: 16-MAR-2021 10:40 —

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	IR TEMP GUN #5
pH Test Strips 0 – 6	
pH Paper 0 – 3	
pH Paper 0 – 13	Lot#210620 EXP:4-15-23
Chlorine Test Strips	Lot#0261 EXP:5-23

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: 3/15/2021 **Collected By:** Drew Liddick,
Customer: WQAP **Sampling Agency:** FDEP
RQ: RQ-2021-03-15-45 **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: 2

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

Site Location	Field ID/WIN ID
WCA1 North @ G-301	 G5SE0046

RELINQUISHED BY(SIGNATURE):

Drew Liddick

DATE/TIME:

03/15/2021

1700

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By: *HR*

Rec'd/Inspected Date: *3.16.21/1040*



RQ-2021-03-15-45

Customer: FDEP

Project ID: SMP

Collected By: Drew Liddick,

Field Report Prepared by: Drew Liddick,

Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: G5SE0046

Location: WCA1 North @ G-301

Comments:

Matrix: Fresh

(Check One) ☒ Grab ☐ Composite

Date and Time	DO (mg/L)	DO (%SAT)	Temp. °C	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPT)
3/15/2021 1130	6.71	78.3	23.7	7.75	0.3	1.3	1.9	1055	0.52
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				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				Ice				
Periphyton (PT-50ML)	ALGAE-ID				Ice				
Microbiology (Contract Lab Bottle)	X	E Coli	F Coli	Enterococci	X	Ice		1	A
	Contract Lab								
Molecular (QPCR-P-500ML)	PCR-HF183		PCR-BacR	PCR-DG3	Ice				
	PCR-GULL2		PCR-GFD						
Tracers (BG-500ML)	W-E8321-DI		W-E8321-MS		Ice				
Pesticides (BG-500ML) (BG-1L)	W-E8321-DI	W-E8321-MS		W-PSNP-TQ	Ice				
	W-PCL-SQ-R	W-CARB-AA (5 ml of MCAA** Buffer Solution)		W-DIELDRIN					
				W-CT-CL-R					
Phytoplankton	DTY-QN-C		PKD-QN-BV		Ice				

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CHAIN OF CUSTODY FORM

Date: 3/15/2021 **Collected By:** Andrew Luering, Sabrina Fischer
Customer: WQAP **Sampling Agency:** FDEP
RQ: RQ-2021-03-15-45 **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: 2

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

Site Location	Field ID/WIN ID
WCA-1 @ S-5	 G5SE0061
West Palm Beach Canal @ Twenty-mile Bend	 G5SE0058
Farm Canal @ Hwy 98 and SR 717	 G5SE0091

RELINQUISHED BY(SIGNATURE): *Andrew Luering*

DATE/TIME: 03/15/2021 1700

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By: *KL*

Rec'd/Inspected Date: *3-16-21/1040*



RQ-2021-03-15-45					Collected By: Andrew Lueling, Sabrina Fischer				
Customer: FDEP					Field Report Prepared by: Andrew Lueling, Sabrina Fischer				
Project ID: SMP					Sampling Agency: FDEP				
WIN ID/Field ID:  WIN ID/Field ID: G5SE0061					Comments:				
Location: WCA-1 @ S-5									
Matrix: Fresh					(Check One) ☒ Grab ☐ Composite				
Date and Time	DO (mg/L)	DO (%SAT)	Temp. °C	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPTH)
3/15/2021 1200	6.49	74.4	22.1	7.62	0.3	0.3	2.6	526	0.25
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				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				Ice				
Periphyton (PT-50ML)	ALGAE-ID				Ice				
Microbiology (Contract Lab Bottle)	X	E Coli	F Coli	Enterococci	X	Ice		1	A
	Contract Lab								
Molecular (QPCR-P-500ML)	PCR-HF183		PCR-BacR	PCR-DG3		Ice			
	PCR-GULL2		PCR-GFD						
Tracers (BG-500ML)	W-E8321-DI		W-E8321-MS			Ice			
Pesticides (BG-500ML) (BG-1L)	W-E8321-DI	W-E8321-MS		W-PSNP-TQ		Ice			
				W-DIELDRIN					
	W-PCL-SQ-R	W-CARB-AA (5 ml of MCAA** Buffer Solution)		W-CT-CL-R					
Phytoplankton	DTY-QN-C		PKD-QN-BV			Ice			



RQ-2021-03-15-45	Collected By: Andrew Luering, Sabrina Fischer
Customer: FDEP	Field Report Prepared by: Andrew Luering, Sabrina Fischer
Project ID: SMP	Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: G5SE0058

Comments:

Location: West Palm Beach Canal @ Twenty-mile Bend

Matrix: Fresh

(Check One) ☒ Grab ☐ Composite

Date and Time	DO (mg/L)	DO (%SAT)	Temp. °C	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPTH)
3/15/2021 1215	7.87	91.1	22.4	7.94	0.3	0.2	1.09	372	0.18

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					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 um 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					Ice							
Periphyton (PT-50ML)	ALGAE-ID					Ice							
Microbiology (Contract Lab Bottle)	X	E Coli	F Coli	Enterococci	x	Ice		1	A				
	Contract Lab												
Molecular (QPCR-P-500ML)	PCR-HF183		PCR-BacR		PCR-DG3	Ice							
	PCR-GULL2		PCR-GFD										
Tracers (BG-500ML)	W-E8321-DI		W-E8321-MS			Ice							
Pesticides (BG-500ML) (BG-1L)	W-E8321-DI		W-E8321-MS		W-PSNP-TQ	Ice							
					W-DIELDRIN								
	W-PCL-SQ-R		W-CARB-AA (5 ml of MCAA** Buffer Solution)		W-CT-CL-R								
Phytoplankton	DTY-QN-C		PKD-QN-BV			Ice							

RQ-2021-03-15-45

Collected By: Andrew Luering, Sabrina Fischer



Customer: FDEP

Field Report Prepared by: Andrew Luering,
Sabrina Fischer

Project ID: SMP

Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: G5SE0091

Comments:

Location: Farm Canal @ Hwy 98 and SR 717

Matrix: Fresh

(Check One)

☒ Grab☐ Composite

Date and Time	DO (mg/L)	DO (%SAT)	Temp. °C	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPT)		
3/15/2021 1245	8.28	96.1	22.7	8.02	0.3	0.1	1.5	362.4	0.17		
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				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				Ice						
Periphyton (PT-50ML)	ALGAE-ID				Ice						
Microbiology (Contract Lab Bottle)	X	E Coli	F Coli	Enterococci	X	Ice				1	B
	Contract Lab										
Molecular (QPCR-P-500ML)	PCR-HF183		PCR-BacR	PCR-DG3		Ice					
	PCR-GULL2		PCR-GFD								
Tracers (BG-500ML)	X	W-E8321-DI	X	W-E8321-MS	X	Ice				1	B
Pesticides (BG-500ML) (BG-1L)		W-E8321-DI	W-E8321-MS	X	W-P5NP-TQ	X	Ice	8	B		
				X	W-DIELDRIN						
	X	W-PCL-SQ-R	W-CARB-AA (5 ml of MCAA** Buffer Solution)	X	W-CT-CL-R						
Phytoplankton		DTY-QN-C	PKD-QN-BV			Ice					

Date of Request: 25-FEB-2021
 Created By: SKAGGS_J On: 25-FEB-2021
 Modified By: JASROTIA_P On: 26-FEB-2021
 Customer: SE-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Southeast District
 Event Description: SMP - Palm Beach West 1

Send Coolers To:

Phone: (772) 448-5884
 FL Dept. of Environmental Protection
 2199 South Rock Road
 Fort Pierce, FL 34945
 Attn: Jordan Skaggs
 Cooler Ship Email: jordan.skaggs@FloridaDEP.gov

Priority: 3
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 25-FEB-2021
 Biology Request Reviewed By: JASROTIA_P On: 26-FEB-2021
 Sampling Kit Required: YES Ship on: 05-MAR-2021
 Sampling Kit Shipped: YES On: 03-MAR-2021
 Sampling Kit Packed By: KLUG_K
 Preservatives Needed: NO
 Date to Receive Samples: 16-MAR-2021
 Logged In By:

Send Final Report To:

FL Dept. of Environmental Protection
 2199 South Rock Road
 Fort Pierce, FL 34945
 Attn: Drew Liddick
 Report Notification Email:
 drew.liddick@FloridaDEP.gov;jordan.skaggs@floridadep.gov;and
 rew.luering@floridadep.gov

Comments: 3238 - G5SE0091
 3252B - G5SE0046
 3252B - G5SE0061
 3238 - G5SE0058

Total: 4 ecoli, 1 pest

Bottle Group A (Water) With 3 Samples:

Bottle Type: P-250ML-WO-THI Number of Bottles: 3 Preserved With: ICE
 ECOLI-18QT Template: DEFAULT (SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems

Bottle Group B (Water) With 1 Samples:

Bottle Type: P-250ML-WO-THI Number of Bottles: 1 Preserved With: ICE
 ECOLI-18QT Template: DEFAULT (SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems

Bottle Type: BG-500ML Number of Bottles: 1 Preserved With: CH2ClCOOH Pre-Preserved
 W-CARB-AA Template: DEFAULT (EPA 8321B) Carbamates in water matrices by HPLC/MS/MS

Bottle Type: BG-500ML Number of Bottles: 4 Preserved With: ICE
 W-CT-CI-R Template: DEFAULT (EPA 8276) Organochlorine pesticides in water matrices by GC/MS with Negative Chemical Ionization
 W-DIELDRIN Template: DEFAULT (EPA 8270E) Dieldrin (ultra low level) in water matrices by GC/MS/MS
 W-PCL-SQ-R Template: DFLT-MINUS (EPA 8270E) Organochlorine pesticides, pyrethroids and tracers in water matrices by GC/MS-SIM

Bottle Type: BG-500ML Number of Bottles: 1 Preserved With: ICE
 W-E8321-DI Template: DEFAULT (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
 W-E8321-MS Template: (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Bottle Type: BG-1L Number of Bottles: 4 Preserved With: ICE
 W-PSNP-TQ Template: DEFAULT (EPA 8270E) Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS

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