

Login Checklist

RQ- 2021-03-22-43

Login Station ID: #5

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 3/ 24 121 @ 10:25

*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	
1.3				13		✓			9293 8011 0654

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: _____

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/ 24 121

Event contains NCRs (Y/N)? N

Event ID: 2021 SMP : Continuous Flopbuck
SO-DIST-2021-03-24-03 (SMP)

—Date Received: 24-MAR-2021 10:25

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	IR TEMP GUN #5 EXP:10-28-21
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: 3/23/2021 **Collected By:** John Barrington, Chris Hormuth
Customer: SO-DIST **Sampling Agency:** FDEP
RQ: RQ-2021-03-22-43 **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
FlopuckNearPearlSt	 G3SD0185

RELINQUISHED BY(SIGNATURE):

Chris Hormuth

DATE/TIME:

03/23/2021 1200

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By: *kh*

Rec'd/Inspected Date: *3-24-21/10:25*



RQ-2021-03-22-43	Collected By: John Barrington, Chris Hormuth
Customer: FDEP	Field Report Prepared by: John Barrington, Chris Hormuth
Project ID: SMP	Sampling Agency: FDEP
WIN ID/Field ID:  WIN ID/Field ID: G3SD0185	Comments: Microbiology sample(s) submitted to contract laboratory

Location: FlopbuckNearPearlSt

Matrix: Marine

 (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)
3/23/2021 945	4.54	56.5	21.3	7.52	0.25	0.5	0.5	27196	16.72

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)	X	W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP					X	Ice	X	H2SO4*	X	<2	1	A
	Lot #		SA0353110		Exp:		1/11/22							
Metals (P-500ML)	X	W-ICPMS	X	W-ICP		W-HARD	X	Ice	X	HNO3*	X	<2	1	A
	Lot #		NA0344060		Exp:		1/4/22							
Filtered Nutrients (P125ML)	X	W-PO4-F	X	Field Filtered 0.45 um Filter			X	Ice					1	A
	Filter Lot #		17162587											
	Syringe Lot #		118593											
Chlorophyll (BP-1L)	X	CHLSUITE-W					X	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)	X	Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY					X	Ice					1	A
Macroinvertebrates (PJ-2L)	MI-FW-QLDC						Ice							
Periphyton (PT-50ML)	ALGAE-ID						Ice							
Microbiology (Contract Lab Bottle)	E Coli			F Coli		X	Enterococci		X	Ice			1	A
	X	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							

Benchmark EnviroAnalytical, Inc.
 1001 Corporate Ave. Suite 102
 North Port, FL 34289
 (941) 625-3137 / (941) 240-3071 fax

Client Name: FDEP

Address: 2600 Blair Stone Rd.
 Tallahassee, FL, 32399

Bill to: Frances Moore
 P.O. #: Lab B16970

Phone: (850) 245-8085

Email: dep-overflowmicro@dep.state.fl.us

239-470-0873

BEAS Sample Receipt Temp. 4.2

Checked at Benchmark EA South E85086
 With Temperature Gun ID #7

Project Name: RQ-2020-2021-03-08

Project Run/Location: 2021-03-22-44

Laboratory Submission #:

521030708

Station ID	Surface Water Sample Matrix ¹ (Fresh / Marine) Sample Type	Enterococci E.coli (SM9223B Quantitray)				Laboratory Sample #
E.Coli = 250 mL ; Entero = 120 mL ; Fecal Coliform = 120 mL						
G3SD0185 FLOPHUCK CREEK	F / <u>M</u> / <u>Grab</u>	E.coli / <u>Entero</u> / F.coli	Date & Time:	3/23/21 0945	1	
G3SD0208 APOLLO EAST	F / <u>M</u> / <u>Grab</u>	E.coli / <u>Entero</u> / F.coli	Date & Time:	3/23/21 1020	2	
G3SD0195 APOLLO WEST	F / <u>M</u> / <u>Grab</u>	E.coli / <u>Entero</u> / F.coli	Date & Time:	3/23/21 1035	3	
	F / M / Grab	E.coli / Entero / F.coli	Date & Time:			
	F / M / Grab	E.coli / Entero / F.coli	Date & Time:			
	F / M / Grab	E.coli / Entero / F.coli	Date & Time:			
	F / M / Grab	E.coli / Entero / F.coli	Date & Time:			
	F / M / Grab	E.coli / Entero / F.coli	Date & Time:			
	F / M / Grab	E.coli / Entero / F.coli	Date & Time:			
	F / M / Grab	E.coli / Entero / F.coli	Date & Time:			
	F / M / Grab	E.coli / Entero / F.coli	Date & Time:			
	F / M / Grab	E.coli / Entero / F.coli	Date & Time:			

¹ "Sample Type" is used to indicate whether the sample was a grab (G) or whether it was a composite (C).

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² "Sample Matrix" is used to indicate whether the sample is being discharged to drinking water (DW), groundwater (GW), surface water (SW), fresh surface water (FSW), saline surface water (SSW), soil, sediment (SDMNT), or sludge (SLDG).

³ "Container Type" is used to indicate whether the container is plastic (P) or glass (G).

Sample must be refrigerated or stored in ice after collection. The maximum temperature during storage should be 6°C (42.8°F). Under "Preservative," list any preservatives that were added to the sample container.

Instructions:

1. Each bottle has a label identifying sample ID, preservative, preservative contained in the bottle, sample type, client ID, and parameters for analysis.

2. The following information should be added to each bottle label after collection with permanent black ink: date and time of collection, sampler's name or initials, and any field number or ID.

3. All bottles not containing preservative may be rinsed with appropriate sample prior to collection.

4. The client is responsible for documentation of the sampling event. Please note special sampling events on the sample custody form.

Laboratory Sample Acceptability:

pH < 2 : 0 BEAS Temperature:

1	Collector: JOHN BARRINGTON	Date: 3	Time:	Received By:	Date:	Time:
2	Relinquished by: JOHN BARRINGTON	Date: 3/23/21	Time: 1102	Received By: Jey C	Date: 3/23/21	Time: 1102
3	Relinquished by:	Date:	Time:	Received By:	Date:	Time:
4	Relinquished by:	Date:	Time:	Received By:	Date:	Time:
5	Relinquished by:	Date:	Time:	Received By:	Date:	Time:

Date of Request: 10-MAR-2021
 Created By: HORMUTH_C On: 10-MAR-2021
 Modified By: JASROTIA_P On: 11-MAR-2021
 Customer: SO-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: South District
 Event Description: 2021 SMP : Continuous Flopbuck

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: 11-MAR-2021
 Biology Request Reviewed By: JASROTIA_P On: 11-MAR-2021
 Sampling Kit Required: YES Ship on: 16-MAR-2021
 Sampling Kit Shipped: YES On: 12-MAR-2021
 Sampling Kit Packed By: KLUG_K
 Preservatives Needed: NO
 Date to Receive Samples: 22-MAR-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; Chris.Hormuth@FloridaDEP.gov; William.Mullen@FloridaDEP.gov

Comments: Group A: (Flopbuck) Marine Metals, Entero

Bottle Group A (Water) With 1 Samples:

Bottle Type: P-1L	Number of Bottles: 1	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-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: 1	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: 1	Preserved With: ICE
SD-BES-ENQ	Template: DEFAULT	(Enterolert/QT) Enterococci by Enterolert/QT by BEA South in North Port
Bottle Type: P-500ML	Number of Bottles: 1	Preserved With: HNO ₃
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
Calcium		
Iron		
Magnesium		
Manganese		
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
Aluminum		
Antimony		
Arsenic		
Beryllium		
Cadmium		
Chromium		
Copper		

Bottle Group A (Water) With 1 Samples:

Bottle Type: P-500ML Number of Bottles: 1 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

Lead
Nickel
Selenium
Silver
Thallium

Bottle Type: P-500ML Number of Bottles: 1 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-2011) Nonpurgeable Organic Carbon in aqueous matrices
Bottle Type: P-125ML Number of Bottles: 1 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