

RQ- 2020-01-27-54

Login Checklist

Login Station ID: #4Shipping Method: FedEx | UPS | HD | GreyhoundDate/Time of Receipt: 02/04/20 @ 10:50

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	
1.3°C				15		X			1278 40113615

*All samples received on ice unless otherwise noted. If the temperature of a cooler is above 6.0 °C (or above 10.0 °C for W-1-4-DIOX and microbiology), received without ice, or if Evidence Seal is damaged; identify the containers in the affected cooler(s) on back of this form. HNO₃ and Formalin preserved samples do **NOT** have a temperature requirement. **DOH coolers can exceed 2.0 °C above the standard temperature (6.0 or 10.0 °C) without login confirmation from customer for samples requiring ice preservation; An NCR still is required.**

**Chain of Custody/ Field Sheet(s) Included? Yes ✓ No

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included? Yes ✓ No

****Note:** If "No" is checked below, fill out the back of this form (Field ID, Test IDs, etc.) and generate an NCR.

CONTAINER CHECK

**Evidence Tape on Bottles? Yes No X 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: Tyler

Chlorine detected? (One container checked per Field ID) Yes No X Init: Tyler

If "YES", list affected Field IDs and Test IDs below.

Field ID	List TestID(s) where Chlorine was Detected, an NCR is required.

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

**Acid Preserved Samples: pH ≤ 2.0? Yes ✓ No NA Init: Tyler

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

Coolers Unpacked/Checked by: Tyler Reynolds Date: 02/04/20 NCRs (Y/N)? None

Event ID: Sims Branch
SW-DIST-2020-02-04-02 (SMP) NCR #

Date Received: 04-FEB-2020 10:50

Samples with Incorrect pH Preservation

Field ID	Bottle TestID(s)	pH	Action Taken

Samples in Coolers with Incorrect Preservation or Damaged Evidence Tape

Cooler ID	Field ID	Bottle TestID(s)

Bottles Not Intact

Field ID	Bottle TestID(s)	Loose Cap	Damaged Cap		Damaged Container		Evidence Tape Not Intact
			CK	BR	CK	BR	

Samples with Insufficient Volume for Analyses

Field ID	Bottle TestID(s)	Action Taken

Additional Comments:

Infrared Thermometer ID:	IR TEMP GUN #4 EXP:11/05/2020
pH Test Strips 0 – 6 Lot #	213316AV EXP:05/15/2020
pH Paper 0 – 3 Lot #	N/A
pH Paper 0 – 13 Lot #	215517 EXP: 06/01/2020
Chlorine Test Strips Lot#	8261 EXP: 07/30/2021

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: _____

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

Strategic Monitoring Program

CHAIN OF CUSTODY FORMDate: 2-3-20Collected By: J. ASHTON, B. PASWASKECustomer: SW-DISTSampling Agency: FOEPRQ - 2020-01-27-54Project ID: SMP

Number of Coolers Shipped: _____

PLEASE RETURN THE ORIGINAL OF THIS FORM WITH SAMPLE SUBMITTAL FORMS AND THE COOLER PACKING WORKSHEET TO THE LAB.

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

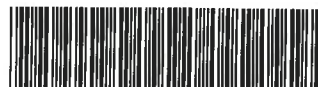
Field ID/WIN

G1SW0056



Site Name: Sims Branch @ Port Redwing

FIELD ID:



FB 02032020

LOCATION: Field_Blank

Field ID/WIN

G3SW0057



Site Name: Indian Creek @ Fruitville Rd

Field ID:



G1SW0056_DUP

Location

Sims Branch@Port Redwing

WIN ID:



G1SW0056

RELINQUISHED BY (SIGNATURE):

DATE/TIME:

2-3-20 1600☒ EST
☐ CST**THIS SECTION IS TO BE COMPLETED BY THE LABORATORY**

Received/ Inspected By (signature):

Tyler Reynolds

Received/ Inspected Date:

02/04/20

Received/ Inspected Time:

10:50☐ EST
☐ CST

Sample Receipt Temperature (Degrees Centigrade):

1.3°C



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2020

Meter Passed End
of Day CCV
Yes / No

WIN Station Name: SIMS BRANCH @ PORT REDWING

Date: 2-3-20
(mm/dd/yyyy)

WIN/ Field ID: G1SW0056

WBID: _____

Latitude: _____

County: HILLS

ORG ID: 21K111A

Longitude: _____

(Decimal Degrees)

Receiving Body of Water: _____

RQ-2020- 01-27-54
(Decimal Degrees)

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
<u>Judy Ashton</u>	☒	☒	☒	☒	☒
<u>Ben Ashton</u>	☒	☒	☒	☒	☒
	☐	☐	☐	☐	☐
	☐	☐	☐	☐	☐
	☐	☐	☐	☐	☐

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

Water Level: Dry/ Pooled/ Low <u>Normal</u> High / Flooded		Meter ID# <u>CHWY</u>	
Photos: Yes ☒ No ☐	Flow: No Flow / Flowing <u>NA</u>	Tide: Rising ☒ Falling ☐ Slack/ NA	Tide Times: High _____ Low _____
Biological Samples Collected: <u>None</u> HA SCI RPS Algae ID LVS LVI Other: _____			
SBIO ID Numbers: _____	SBIO-ID: _____	HA-ID: _____	RPS-ID: _____
Macrophyte-ID: _____		LIMS#: _____	
Notes: _____			

Duplicate Sample

Time Zone: <u>EST</u> CEN Time: <u>0935</u>	Field ID: <u>G1SW0056_DUP</u>
WIN DMT Activity ID: <u>G1SW0056-DUP</u>	Location: <u>Sims Branch @ Port Redwing</u>
Time Zone: <u>EST</u> CEN Time: <u>0940</u>	WIN ID: <u>G1SW0056</u>
DI Source: <u>CAR BOY</u>	FIELD ID: <u>FB 02032020</u>
☒ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank	LOCATION: <u>Field_Blank</u>

Signature: <u>[Signature]</u>	Date: <u>2-3-20</u>
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-2020-

Customer:

Project ID:

01-27-54

SW-0157

Collected By:

Field Report Prepared By:

Sampling Agency:

J. Ashmun B. Pasumarak

J. Ashmun

FDEP

Field ID/WIN

G1SW0056



Site Name: Sims Branch @ Port Redwing

Comments:

ENTERO DROPPED off 2
BENCHMARK

Matrix: Fresh / 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)
0930	2320	8.79	107.2	18.0	6.16	0.3	1.0	1.0	37780	24.03
EST / CST							☒ VOB (S)			

Cental Lab please use top row for login purposes

EST / CST										

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	☒	1	A
	Lot # SA9301030 Exp: 10-28-26				
Metals (P-500ML)	☐ W-KPMS ☐ W-ICP ☐ W-HARD	☒ Ice ☐ HNO3 ☐ <2			
	Lot # Exp:				
Filtered Nutrients (P-125ML)	☒ W-PC4-F ☐ Field Filtered 0.45 µm Filter	☒ Ice		1	A
	Filter Lot # 16968882 Exp:				
	Syringe Lot # 5056849 Exp:				
Chlorophyll (BP-1L)	☒ CHLSUITE-W	☒ Ice		1	A
Physical/Aggregate (Fresh) (P-1L)	☐ Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / 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)	☒ Contract Lab ☐ F Coli ☒ Enterococci	☒ 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 ☐ W-E8321-MS ☐ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-PCL-SQ-R ☐ W-CAR8-AA (5 ml of MCAA** Buffer Solution)	☐ Ice			
		☐ Ice			
Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time:

*2.0 ml of Preservative used unless noted otherwise.

**MCAA: Monochloroacetic acid buffer solution

Email Submittal form to : lab.receiving@floridadep.gov.



RQ-2020-01-27-54
Customer: SN-A135
Project ID: SMP

Collected By: J. Ashton, B. Pashynsky
Field Report Prepared By: J. Ashton
Sampling Agency: FDEP

Field ID/WIN						Comments:					
G3SW0057						E. Coli Reported at 2 BENCHMARK					
Site Name: Indian Creek @ Fruitville Rd											
Matrix: ☒ Fresh ☐ 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)	
2-3-20	1000	7.97	78.3	14.5	7.40	0.3	0.3	0.3	320.5	0.15	
EST / CST						X VOB (S)					
Cental Lab please use top row for login purposes											
EST / CST											
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-PD4-F ☐ Field Filtered 0.45 µm Filter				☐ Ice					
		Filter Lot #		Exp:							
		Syringe Lot #		Exp:							
Chlorophyll (BP-1L)		☐ CHLSUTE-W				☐ Ice					
Physical/Aggregate (Fresh) (P-1L)		☐ Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / W-COLOR / W-S04-IC / W-TDS				☐ Ice					
Physical/Aggregate (Marine) (P-1L)		☐ Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY				☐ Ice					
Macroinvertebrates (PJ-2L)		☐ MI-PW-QLDC				☐ Formalin					
Periphyton (PT-50ML)		☐ ALGAE-ID				☐ Ice					
Microbiology (Contract Lab Bottle)		☒ E Coli ☐ F Coli ☐ Enterococci				☒ 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 ☐ W-CT-CL-R				☐ Ice					
		☐ W-PCL-SQ-R ☐ W-CARB-AA (5 ml of MCAA** Buffer Solution)				☐ Ice					
						☐ Ice					
Relinquished By:		Date/Time		Shipping Method		Number of Coolers Shipped:		Received By:		Date/Time:	

*2.0 ml of Preservative used unless noted otherwise.

**MCAA: Monochloroacetic acid buffer solution

Email Submittal form to : lab.receiving@floridadep.gov.

Benchmark EnviroAnalytical, Inc
1711 12th Street East
Palmetto, FL 34221
941-723-9986
941-723-6061 Fax

PO# B578C6

Client Information: **FDEP**

Address: 13051 N. Telecom Parkway

Tampa FL 33604

Phone # 815-470-5772

Report to: Judy.ashton@dep.state.fl.us, DEP-Overflomicro@dep.state

Invoice to: FDEP Micro Overflow

Project Name: RQ-2020- 01-27-54

Laboratory Submission #

20020074

Sample Name	Sample Type ¹ / Sample Matrix ²	Collection		Container			Preservative ⁴	Parameters for Analysis	Laboratory Sample #
		Date	Time	Qty	Capacity	Type ³			
<u>G15W0056</u> <u>Sims Branch @ Port Radium</u>	SW	<u>2-3-20</u>	<u>0930</u>	<u>1</u>	<u>120mL</u>	<u>P</u>	<u>Plain (on Ice)</u>	<u>ENTERO</u>	<u>1</u>
<u>G35W0057</u> <u>Indian Creek @ Fruitville</u>	SW	<u>2-3-20</u>	<u>1000</u>	<u>1</u>	<u>120mL</u>	<u>P</u>	<u>Plain (on Ice)</u>	<u>E. COLI</u>	<u>2</u>
<u>G15W0056 - DUP</u> <u>Sims Branch @ Port Radium</u>	SW	<u>2-3-20</u>	<u>0935</u>	<u>1</u>	<u>120mL</u>	<u>P</u>	<u>Plain (on Ice)</u>	<u>ENTERO</u>	<u>3</u>
	SW				<u>120mL</u>	<u>P</u>	<u>Plain (on Ice)</u>		
	SW				<u>120mL</u>	<u>P</u>	<u>Plain (on Ice)</u>		
	SW				<u>120mL</u>	<u>P</u>	<u>Plain (on Ice)</u>		
	SW				<u>120mL</u>	<u>P</u>	<u>Plain (on Ice)</u>		

¹ "Sample Type" is used to indicate whether the sample was a grab (G) or whether it was a composite (C).
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).
⁴ Sample must be refrigerated or stored in wet ice after collection. The temperature during storage should be less than or equal to 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 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 closed 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:

Temperature: 6.0°C

1	Collected / Relinquished By:	Date	Time	Received By:	Date	Time
2	Relinquished By: <u>Judy Ashton</u>	Date <u>2-3-20</u>	Time <u>1512</u>	Received By: <u>Van Meter</u>	Date <u>2/3/20</u>	Time <u>1510</u>

Date of Request: 21-JAN-2020
 Created By: ASHTON_J On: 21-JAN-2020
 Modified By: JASROTIA_P On: 22-JAN-2020
 Customer: SW-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Southwest District
 Sampling Event: Sims Branch

Send Coolers To:

Phone: 813-470-5772
 FL Dept. of Environmental Protection
 13051 N. Telecom Parkway
 Temple Terrace, FL 33637-0926
 Attn: Judy Ashton

Program Module Number:

Priority: 3
 Event Status: A
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 22-JAN-2020
 Biology Request Reviewed By: JASROTIA_P On: 22-JAN-2020
 Sampling Kit Required: NO Ship on:
 Sampling Kit Shipped:
 Sampling Kit Packed By:
 Preservatives Needed: NO
 Date to Receive Samples: 27-JAN-2020
 Received By:

Send Final Report To:

FL Dept. of Environmental Protection
 13051 N. Telecom Parkway
 Temple Terrace, FL 33637-0926
 Attn: Judy Ashton

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

Comments:

Group A: Marine Nutrients, Entero, Tracers

Bottle Group A (Water) With 3 Samples:

Bottle Type: P-1L	Number of Bottles: 3	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: 3	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: 3	Preserved With: ICE
SW-AEL-ENQ	Template: DEFAULT	(Enterolert/QT) Enterococci by Enterolert/QT by AEL in Tampa
Bottle Type: BG-500ML	Number of Bottles: 3	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: DEFAULT	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
Bottle Type: P-500ML	Number of Bottles: 3	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: 3	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

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

