

Reaves, Shawn D

From: Paswater, Benjamin
Sent: Monday, June 26, 2017 7:32 AM
To: Reaves, Shawn D; Murphy, Rosemary
Subject: RE: RQ-2017-06-19-05

Hi Shawn,

That should be salt water. Sorry about that.

Thanks, Ben

From: Reaves, Shawn D
Sent: Thursday, June 22, 2017 11:44 AM
To: Paswater, Benjamin <Benjamin.Paswater@dep.state.fl.us>; Murphy, Rosemary <Rosemary.Murphy@dep.state.fl.us>
Subject: RQ-2017-06-19-05
Importance: High

Ben/Rosemary,

I need to verify the Sp. Conductance for location: ENRE11 AT DADS BAY 20641 is written in the Sp. Conductance but fresh water is circled. Can you please let me know if the matrix should be fresh or salt. Also that W-PO4 bottle we received for location:ENRE9 HUSTON RIVER cap was off so there will be in data on the final report for that site.

Shawn D. Reaves
DEP-Lab Support
Lab Tech IV
Office: 850-245-8082
Direct: 58082



SMP: Wilderness WW

Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: SO-DIST

Requester: Benjamin Paswater

Field Report Prepared By:

Ben Paswater

Project ID: SMP

Collected By:

Ben Paswater, Rosemary Murphy

Sampling Agency:

SROC

Location RQ-2017-06-19-05 6/21/2017 WBID 3289M ENRE11 at Dads Bay	Field ID G5SD062117-1 STORET G5SD0030	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 6/21/17 Time 1150	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 6.6, 92%		☐ mg/L ☒ % sat		Total Res. Chlorine (mg/L)
Temp (C) 29.5		pH 7.7		Sample Depth 0.3		Sp. Conductance (umho/cm) 20641
☐ dd ☐ dms		Salinity (ppt)		Comments Depth 1.4 Secchi: 1.4		A
Location RQ-2017-06-19-05 6/21/2017 WBID 3289L ENRE11 at Alligator Bay	Field ID G5SD062117-2 STORET G5SD0029	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 6/21/17 Time 1215	Eastern Central	Composite end Date Time	Bottle Group(s)
Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 7.4, 104%		☒ mg/L ☒ % sat		Total Res. Chlorine (mg/L)
Temp (C) 29.6		pH 7.7		Sample Depth 0.3		Sp. Conductance (umho/cm) 20689
☐ dd ☐ dms		Salinity (ppt)		Comments Depth 1.7 Secchi: 1.7		A
Location RQ-2017-06-19-05 6/21/2017 WBID 3289D ENRE9 Chatham River	Field ID G5SD062117-5 STORET G5SD0042	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 6/21/17 Time 1320	Eastern Central	Composite end Date Time	Bottle Group(s)
Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 5.4, 78%		☐ mg/L ☒ % sat		Total Res. Chlorine (mg/L)
Temp (C) 29.4		pH 7.7		Sample Depth 0.3		Sp. Conductance (umho/cm) 27922
☐ dd ☐ dms		Salinity (ppt)		Comments Depth 4.0 Secchi: 1.2		A
Location RQ-2017-06-19-05 6/21/2017 WBID 3289B ENRE9 Huston River	Field ID G5SD062117-7 STORET G5SD0043	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 6/21/17 Time 1345	Eastern Central	Composite end Date Time	Bottle Group(s)
Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 5.4, 78%		☐ mg/L ☒ % sat		Total Res. Chlorine (mg/L)
Temp (C) 29.5		pH 7.8		Sample Depth 0.3		Sp. Conductance (umho/cm) 28294
☐ dd ☐ dms		Salinity (ppt)		Comments Depth: 3.7 Secchi: 1.0		A

Relinquished By:

Ben Paswater

Date/Time

6/21/17 430p

Shipping Method

Fed Ex

Number of Coolers Shipped:

2

Received By:

SR

Date/Time

6-22-17/10:20

Group: A	Bottle Type: P-1L	# of Bottles: 9	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>6</u>
ALKALINITY				
TURBIDITY				
W-F				
W-TSS				
Group: A	Bottle Type: BP-1L	# of Bottles: 9	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>6</u>
CHLSUITE-W				
Group: A	Bottle Type: P-500ML	# of Bottles: 9	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab <u>6</u>
W-NH3				
W-NO2NO3				
W-S-A-TP				
W-TKN				
W-TOC				
Group: A	Bottle Type: P-125ML	# of Bottles: 9	Preservative: ICE-FLTR	Enter Number of Bottles Sent to Lab <u>6</u>
W-PO4-F				

SMP: Wilderness WW

Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: SO-DIST

Requester: Benjamin Paswater

Field Report Prepared By: BP

Project ID: SMP

Collected By: BP RMSampling Agency: SROC

Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>6/21/17</u> Time <u>1155</u>	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)
RQ-2017-06-19-05 6/21/2017 DUPLICATE ENRE11 at Dads Bay		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
Field ID G1SD062117-9 STORET G5SD0030		Temp (C)	pH	Sample Depth ☐ ft ☐ m	Sp. Conductance (umho/cm)	
☐ dms		☐ dd ☐ dms	Salinity (ppt)	Comments <u>DUP</u>		
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>6/21/17</u> Time <u>1630</u>	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s)
RQ-2017-06-19-05 6/21/2017 Field Blank		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
Field ID G1SDBLANK STORET		Temp (C)	pH	Sample Depth ☐ ft ☐ m	Sp. Conductance (umho/cm)	
☐ dms		☐ dd ☐ dms	Salinity (ppt)	Comments <u>Field Blank</u>		
Location		☐ Comp ☐ Grab	Collection (comp begin or grab) Date _____ Time _____	☐ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
STORET #		Temp (C)	pH	Sample Depth ☐ ft ☐ m	Sp. Conductance (umho/cm)	
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt)	Comments			
Location		☐ Comp ☐ Grab	Collection (comp begin or grab) Date _____ Time _____	☐ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
STORET #		Temp (C)	pH	Sample Depth ☐ ft ☐ m	Sp. Conductance (umho/cm)	
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt)	Comments			

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By: <u>SR</u>	Date/Time <u>6-22-17/10:20</u>
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Group: A Bottle Type: P-1L # of Bottles: 9 Preservative: ICE Enter Number of Bottles Sent to Lab _____

ALKALINITY
TURBIDITY
W-F
W-TSS

Group: A Bottle Type: BP-1L # of Bottles: 9 Preservative: ICE Enter Number of Bottles Sent to Lab _____

CHLSUITE-W

Group: A Bottle Type: P-500ML # of Bottles: 9 Preservative: ICE And H2SO4 Enter Number of Bottles Sent to Lab _____

W-NH3
W-NO2NO3
W-S-A-TP
W-TKN
W-TOC

Group: A Bottle Type: P-125ML # of Bottles: 9 Preservative: ICE-FLTR Enter Number of Bottles Sent to Lab _____

W-PO4-F

Date of Request: 06-FEB-2017
 Created By: PASWATER_B On: 06-FEB-2017
 Modified By: MATTHEWS_D On: 06-JUN-2017
 Customer: SO-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: South District
 Sampling Event: SMP: Wilderness WW

Send Coolers To:

Phone: 239-332-6975 SC 748-6975
 FLDEP South District Office
 2295 Victoria Ave. Suite 364
 Fort Myers, FL 33901
 Attn: Ben Paswater

Program Module Number:
 Priority: 3
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 02-JUN-2017
 Biology Request Reviewed By: MATTHEWS_D On: 06-JUN-2017
 Sampling Kit Required: YES Ship on: 07-JUN-2017
 Sampling Kit Shipped: YES On: 07-JUN-2017
 Sampling Kit Packed By: REAVES_S
 Preservatives Needed: NO
 Date to Receive Samples: 19-JUN-2017
 Received By:

Send Final Report To:

FLDEP South District Office
 2295 Victoria Ave. Suite 364
 Fort Myers, FL 33901
 Attn: Ben Paswater

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

Comments: SMP: Wilderness WW

Bottle Group A (Water) With 9 Samples:

Bottle Type: P-1L	Number of Bottles: 9	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-97) 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-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-TSS	Template: DEFAULT	(SM 2540 D-97) Total Suspended Solids in aqueous matrices
Bottle Type: BP-1L	Number of Bottles: 9	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, phaeophytin and ratio by spectrophotometry
Bottle Type: P-500ML	Number of Bottles: 9	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-00) Nonpurgeable Organic Carbon in aqueous matrices
Bottle Type: P-125ML	Number of Bottles: 9	Preserved With: ICE-FLTR
W-PO ₄ -F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Log-in Checklist

RQ- 2017-06-19-05

Shipping Method: Red

Date/Time of Receipt: 6-22-17/10:20

Cooler ID	Cooler Temperature*	No. Sample Containers in Cooler	Evidence Tape				Tracking # (fill out only if waybill copy is damaged)
			Present?		*Intact?		
Yes	No	Yes	No	Yes	No		
Red	1.1	11		✓			
Blue	0.7			✓			

*If the temperature of a cooler is above 6.0 °C (or above 10.0 °C for W-1-4-DIOX), or if Evidence Seal is damaged, identify the containers in the affected cooler(s) on back of this form.

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

**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 (Blue dot on container)

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-AHERB-AA (-AHB-AA-R)			W-PCL-SQ (-R)		
W-BNA (-625, -R)			W-PDQUAT		
W-CARB-AA (-CAB-AA-R)			W-PESTNP-R		
W-ENDO-AA			W-PSCL-TQ		
W-GLYPH			W-PSNP-TQ		
W-NP-AA-SF			W-PST-CL-R		
W-PAH (-R)			W-TR-TQ		
W-PCB-R			W-CT-CI-R		

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

**Acid Preserved Samples: pH ≤ 2.0? Yes ☒ No ☐ NA ☐ Init: SR

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

Coolers Unpacked/Checked by: SR Date: 6-22-17

NCRs (Y/N)? N

Event ID: SO-DIST-2017-06-22-01

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

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 _____ No _____

If 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: _____

Additional Comments:

1/24/17
s Ben
ny DEP
s 2600 Blairstone Rd.
Tallahassee State FL ZIP 32399

Internal Billing Reference

nt's SAMPLE RECEIVING Phone 850 245-8085

ny FLORIDA DEP/CHEMISTRY SECTION

s 2600 BLAIRSTONE RD

deliver to P.O. boxes or P.O. ZIP codes.

Dept./Floor/Suite/Room

s for the HOLD location address or for continuation of your shipping address.

TALLAHASSEE State FL ZIP 32399

Hold Weekday
FedEx location address
REQUIRED. NOT available for
FedEx First Overnight.

Hold Saturday
FedEx location address
REQUIRED. Available ONLY for
FedEx Priority Overnight and
FedEx 2Day to select locations.



8113 0563 3155

0126430468

Form ID No. 0215

Recipient's Copy

4 Express Package Service *To most locations.

Packages up to 150 lbs.
For packages over 150 lbs., use the
FedEx Express Freight US Airbill.

Next Business Day

☐ FedEx First Overnight
Earliest next business morning delivery to select
locations. Friday shipments will be delivered on
Monday unless Saturday Delivery is selected.

☒ FedEx Priority Overnight
Next business morning.* Friday shipments will be
delivered on Monday unless Saturday Delivery
is selected.

☐ FedEx Standard Overnight
Next business afternoon.*
Saturday Delivery NOT available.

2 or 3 Business Days

☐ FedEx 2Day A.M.
Second business morning.*
Saturday Delivery NOT available.

☐ FedEx 2Day
Second business afternoon.* Thursday shipments
will be delivered on Monday unless Saturday
Delivery is selected.

☐ FedEx Express Saver
Third business day.*
Saturday Delivery NOT available.

5 Packaging *Declared value limit \$500.

☐ FedEx Envelope* ☐ FedEx Pak* ☐ FedEx Box ☐ FedEx Tube ☒ Other

6 Special Handling and Delivery Signature Options Fees may apply. See the FedEx Service Guide.

☐ Saturday Delivery
NOT available for FedEx Standard Overnight, FedEx 2Day A.M., or FedEx Express Saver.

☐ No Signature Required
Package may be left without
obtaining a signature for delivery.

☐ Direct Signature
Someone at recipient's address
may sign for delivery.

☐ Indirect Signature
If no one is available at recipient's
address, someone at a neighboring
address may sign for delivery. For
residential deliveries only.

Does this shipment contain dangerous goods?

One box must be checked.

☒ No ☐ Yes
As per attached
Shipper's Declaration.

☐ Yes
Shipper's Declaration
not required.

☐ Dry Ice
Dry Ice, 9, UN 1845 x kg

Restrictions apply for dangerous goods — see the current FedEx Service Guide.

☐ Cargo Aircraft Only

7 Payment Bill to:

Sender ☐ Act. No. in Section 1 will be billed. ☒ Recipient ☐ Third Party ☐ Credit Card ☐ Cash/Check

Total Packages Total Weight

Credit Card Auth.

*Our liability is limited to US\$100 unless you declare a higher value. See the current FedEx Service Guide for details.

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fedex.com 1800.GoFedEx 1800.453.3339

1/24/17
s Ben
ny DEP
s 2600 Blairstone Rd.
Tallahassee State FL ZIP 32399

Internal Billing Reference

nt's SAMPLE RECEIVING Phone 850 245-8085

ny FLORIDA DEP/CHEMISTRY SECTION

s 2600 BLAIRSTONE RD

deliver to P.O. boxes or P.O. ZIP codes.

Dept./Floor/Suite/Room

s for the HOLD location address or for continuation of your shipping address.

TALLAHASSEE State FL ZIP 32399

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REQUIRED. NOT available for
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Hold Saturday
FedEx location address
REQUIRED. Available ONLY for
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0126430468

Form ID No. 0215

Recipient's Copy

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For packages over 150 lbs., use the
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Earliest next business morning delivery to select
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Total Packages Total Weight

Credit Card Auth.

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