

Request Number: RG-2017-09-25-37
RG-2017-06-26-38

Florida Department of Environmental Protection
 Central Laboratory Submittal Form

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 last revised Apr 7, 2016

SMP 2016 Freshwater Kit A

Customer: **WQAP**

Requester: Chris Green

Field Report Prepared By: Woods

Project ID: **SMP**

Collected By: Woods/Tolbert

Sampling Agency: 8034

Location G1TLHR0004-2017-04		☐ Comp ☒ Grab		Collection (comp begin or grab) Date <u>10/3/17</u> Time <u>1035</u>		☒ Eastern ☐ Central		Composite end Date _____ Time _____		Bottle Group(s) (See pg 2)	
Field ID WBID 3577 Field ID <u>↑</u> STORET <u>↓</u>		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen <u>4.17</u>		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		A	
STORET # Rocky Creek @ SR51		Temp (C) <u>22.33</u>		pH <u>7.50</u>		Sample Depth <u>0.15</u>		Sp. Conductance (umho/cm) <u>349</u>			
Latitude ☐ dd ☐ dms Longitude ☐ dd ☐ dms		Salinity (ppt) <u>0.17</u>		Comments							
Location G1TLHR0066-2017-04		☐ Comp ☒ Grab		Collection (comp begin or grab) Date <u>10/3/17</u> Time <u>1145</u>		☒ Eastern ☐ Central		Composite end Date _____ Time _____		Bottle Group(s)	
Field ID WBID 3573Z Field ID <u>↑</u> STORET <u>↓</u>		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen <u>5.42</u>		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		A	
STORET # Steinhatchee Spring Vent @ SE Wolf Rd		Temp (C) <u>22.66</u>		pH <u>7.34</u>		Sample Depth <u>0.15</u>		Sp. Conductance (umho/cm) <u>191</u>			
Latitude ☐ dd ☐ dms Longitude ☐ dd ☐ dms		Salinity (ppt) <u>0.09</u>		Comments							
Location <u>Fenholloway River @ Puckett rd</u>		☐ Comp ☒ Grab		Collection (comp begin or grab) Date <u>10/3/17</u> Time <u>1255</u>		☒ Eastern ☐ Central		Composite end Date _____ Time _____		Bottle Group(s)	
Field ID <u>G1TLHR0030-2017-01</u>		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen <u>1.76</u>		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		A	
STORET # <u>G1TLHR0030</u>		Temp (C) <u>25.96</u>		pH <u>7.45</u>		Sample Depth <u>0.15</u>		Sp. Conductance (umho/cm) <u>1556</u>			
Latitude ☐ dd ☐ dms Longitude ☐ dd ☐ dms		Salinity (ppt) <u>0.78</u>		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		Sp. Conductance (umho/cm)			
Latitude ☐ dd ☐ dms Longitude ☐ dd ☐ dms		Salinity (ppt)		Comments							

Relinquished By: <u>Woods</u>	Date/Time <u>10/3/17 1416</u>	Shipping Method <u>H.O</u>	Number of Coolers Shipped: _____	Received By: <u>APB</u>	Date/Time <u>10-3-17 14:16</u>
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Group: A	Bottle Type:	P-1L	# of Bottles: 20	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>3</u>
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-TDS						
	W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 20	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>3</u>
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 20	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	<u>3</u>
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 20	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab	<u>3</u>
	W-PO4-F						

Date of Request: 30-AUG-2017
 Created By: GREEN_C On: 30-AUG-2017
 Modified By: SWANSON_C On: 07-SEP-2017
 Customer: TLH-ROC
 Project: SMP
 Division:
 District: Not Applicable
 Sampling Event: SMP 2017 Freshwater Kit A

Send Coolers To:

Phone: 850-245-8453
 2600 Blair Stone Rd

 Tallahassee, FL 32399
 Attn: Chris Green

Send Final Report To:

2600 Blair Stone Rd

 Tallahassee, FL 32399
 Attn: Michael Eckles

Program Module Number:
 Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 06-SEP-2017
 Biology Request Reviewed By: SWANSON_C On: 07-SEP-2017
 Sampling Kit Required: YES Ship on: 20-SEP-2017
 Sampling Kit Shipped: YES On: 20-SEP-2017
 Sampling Kit Packed By: SHAIK_A
 Preservatives Needed: NO
 Date to Receive Samples: 25-SEP-2017
 Received By: GREENWOO_J On: 02-OCT-2017

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

Comments: no FedEx bills or zip ties

Bottle Group A (Water) With 25 Samples:

Bottle Type: P-1L	Number of Bottles: 25	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-CL-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Chloride in aqueous matrices
W-COLOR	Template: DEFAULT	(SM 2120 B) True Color measured at 450 nm
Color (true)		
W-F	Template: DEFAULT	(SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-TDS	Template: DEFAULT	(SM 2540 C-97) Total Dissolved Solids in aqueous matrices
W-TSS	Template: DEFAULT	(SM 2540 D-97) Total Suspended Solids in aqueous matrices
Bottle Type: BP-1L	Number of Bottles: 25	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type: P-500ML	Number of Bottles: 25	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: 25	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- 2017-09-25-37

Shipping Method: HD

Date/Time of Receipt: 10/3/17 2:16

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	
Red	4.7	12		6			

*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 6 No

CONTAINER CHECK

**Evidence Tape on Bottles? Yes No 6 If yes, is it intact? Yes No

**Caps on tight? Yes 6 No **Containers intact? Yes 6 No

**Sufficient Sample Volume: Yes 6 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 6 No NA Init: 8

**W-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes No 6 NA Init: 8

Coolers Unpacked/Checked by: 8 Date: 10/3/17

NCRs (Y/N)? N

Event ID: TLH-RQC-2017-10-03-01

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: