

Request Number: RQ-2017-09-25-25

Florida Department of Environmental Protection

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SMP 2017 kit A b/wm PCR FILTER & PCR HP 183
(3603 Buggy, 3380 Sugar, 3480 Bathel) *CB*

Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: WQAP

Requester: Chris Green

Field Report Prepared By: *C. Green*

Project ID: SMP

Collected By: *CB/ME*Sampling Agency: *8034*

Location	G1TLHR0064-2017-05		☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s) (See pg 2)
Field ID			☒ Grab	Date <i>10-11-2017</i> Time <i>11:10</i>	Central	Date _____ Time _____	
STORET #	WBID 3573A	Field ID ↑	STORET ↓	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☒ mg/L ☒ % sat	Total Res. Chlorine (mg/L)
Latitude	Steinhatchee River @ South Canal Rd		Temp (C) <i>25.36</i>		pH <i>6.14</i>	Sample Depth <i>0.2</i>	Sp. Conductance (umho/cm) <i>223</i>
			Salinity (ppt) <i>0.10</i>		Comments		
	☐ dd ☐ dms		☐ dd ☐ dms				

Location			☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s)
Field ID			☐ Grab	Date _____ Time _____	Central	Date _____ Time _____	
STORET #			Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
Latitude			Temp (C)		pH	Sample Depth ☐ ft ☐ m	Sp. Conductance (umho/cm)
	☐ dd ☐ dms		Salinity (ppt)		Comments		
	☐ dd ☐ dms		☐ dd ☐ dms				

Location			☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s)
Field ID			☐ Grab	Date _____ Time _____	Central	Date _____ Time _____	
STORET #			Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
Latitude			Temp (C)		pH	Sample Depth ☐ ft ☐ m	Sp. Conductance (umho/cm)
	☐ dd ☐ dms		Salinity (ppt)		Comments		
	☐ dd ☐ dms		☐ dd ☐ dms				

Location			☐ Comp	Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s)
Field ID			☐ Grab	Date _____ Time _____	Central	Date _____ Time _____	
STORET #			Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
Latitude			Temp (C)		pH	Sample Depth ☐ ft ☐ m	Sp. Conductance (umho/cm)
	☐ dd ☐ dms		Salinity (ppt)		Comments		
	☐ dd ☐ dms		☐ dd ☐ dms				

Relinquished By: <i>C. Green</i>	Date/Time: <i>10-11-2017/15:00</i>	Shipping Method: <i>Hand</i>	Number of Coolers Shipped:	Received By: <i>OR</i>	Date/Time: <i>10-11-17/2:57</i>
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Group: A	Bottle Type: P-1L	# of Bottles: 10	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-TDS W-TSS				
Group: A	Bottle Type: BP-1L	# of Bottles: 10	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
	CHLSUITE-W				
Group: A	Bottle Type: P-250ML-WO-THI	# of Bottles: 10	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
	ECOLI-18QT				
Group: A	Bottle Type: QPCR-P-250ML	# of Bottles: 20	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
	PCR-FILTER PCR-HF 183 6				
Group: A	Bottle Type: BG-1L	# of Bottles: 10	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
	W-AHERB-AA W-SUC-AA-R W-UHERB-AA				
Group: A	Bottle Type: P-500ML	# of Bottles: 10	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	1
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC				
Group: A	Bottle Type: P-125ML	# of Bottles: 10	Preservative: ICE-FLTR	Enter Number of Bottles Sent to Lab	1
	W-PO4-F				

Date of Request: 28-AUG-2017
 Created By: GREEN_C On: 28-AUG-2017
 Modified By: SWANSON_C On: 07-SEP-2017
 Customer: WQAP
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District:
 Sampling Event: SMP 2017 Freshwater Kit A - b/t/m (3573A_Steinhatchee River, 913_Big Creek)

Send Coolers To:

Phone: 850-245-8413
 2600 Blair Stone Rd
 MS #3560
 Tallahassee, FL 32399-2400
 Attn: Chris Green

Send Final Report To:

2600 Blair Stone Rd
 MS #3560
 Tallahassee, FL 32399-2400
 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: GREENWOO_J
 Preservatives Needed: NO
 Date to Receive Samples: 25-SEP-2017
 Received By: GREENWOO_J On: 28-SEP-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 6 Samples:

Bottle Type: P-1L	Number of Bottles: 6	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: 6	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type:	Number of Bottles: 6	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: QPCR-P-250ML	Number of Bottles: 12	Preserved With: ICE
PCR-FILTER	Template: DEFAULT	(SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis
Bottle Type: BG-1L	Number of Bottles: 6	Preserved With: ICE
W-AHERB-AA	Template: DEFAULT	(USGS O-2060-01) Chlorinated (phenoxy acid) herbicides in water matrices by HPLC/MS/MS
W-SUC-AA-R	Template: DEFAULT	(EPA 8321B) Analysis of sucralose in water matrices by HPLC/MS/MS
W-UHERB-AA	Template: DEFAULT	(USGS O-2060-01) Urea herbicides and other chemicals in water matrices by HPLC/MS/MS
Bottle Type: P-500ML	Number of Bottles: 6	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: 6	Preserved With: FILTER-ICE

Bottle Group A (Water) With 6 Samples:

Bottle Type: P-125ML Number of Bottles: 6 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

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

2017-09-25-26(8)
RQ-2017-09-25-30

Log-in Checklist

Shipping Method: HD

Date/Time of Receipt: 10-11-17/2:57

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	0.8	20		✓			

*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: 10-11-17 NCRs (Y/N)? N

Event ID: WQAP-2017-10-11-05 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: