

Request Number: RQ-2017-06-05-35

RUNS 13 & 14

Florida Department of Environmental Protection

Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: WQAP

Requester: Judy Ashton

Field Report Prepared By: J. Ashton

Project ID: SMP

Collected By: J. Ashton, L. Baker

Sampling Agency: FALP

Location	RQ-2017-06-05-35 Date: 06/05/17 Time:	G2SW0006 English Creek	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 6-5-17 Time 0940	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Field STORET #			Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 6.5	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
Latitude			Temp (C) 24.2	pH 7.0	Sample Depth 0.3	Sp. Conductance (umho/cm) 355	13
Longitude			Salinity (ppt) 0.17	Comments DROPPED W/ E. COLI @ AEL			
Location	RQ-2017-06-05-35 Date: 06/05/17 Time:	G2SW0022 Mill Creek	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 6-5-17 Time 1025	Eastern Central	Composite end Date Time	Bottle Group(s)
Field STORET #			Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 4.6	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	B/C
Latitude			Temp (C) 26.4	pH 7.1	Sample Depth 0.3	Sp. Conductance (umho/cm) 350	
Longitude			Salinity (ppt) 0.17	Comments DROPPED W/ E. COLI @ AEL			
Location	RQ-2017-06-05-35 Date: 06/05/17 Time:	G2SW0012 Baker Creek	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 6-5-17 Time 1055	Eastern Central	Composite end Date Time	Bottle Group(s)
Field STORET #			Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 2.7	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	B
Latitude			Temp (C) 24.8	pH 6.9	Sample Depth 0.3	Sp. Conductance (umho/cm) 300	
Longitude			Salinity (ppt) 0.14	Comments DROPPED W/ E. COLI @ AEL			
Location	RQ-2017-06-05-35 Date: 06/05/17 Time:	G2SW0046 Delany Creek 1	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 6-5-17 Time 1135	Eastern Central	Composite end Date Time	Bottle Group(s)
Field STORET #			Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 1.6	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A/B/C
Latitude			Temp (C) 27.9	pH 6.9	Sample Depth 0.3	Sp. Conductance (umho/cm) 19171	
Longitude			Salinity (ppt) 11.3	Comments DROPPED W/ E. COLI @ AEL			

Relinquished By: Ashton	Date/Time: 6-5-17 1700	Shipping Method: FALP LP	Number of Coolers Shipped: 1	Received By: [Signature]	Date/Time: 6-6-17, 945
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Group: A	Bottle Type:	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 3	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: 3	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab	1
	W-PO4-F						
Group: B	Bottle Type:	P-120ML-WC-THI	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
	SWD-AEL-EC						
Group: C	Bottle Type:	QPCR-P-250ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	6
	PCR-FILTER						
Group: C	Bottle Type:	BG-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
	W-AHERB-AA W-SUC-AA-R W-UHERB-AA						

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Customer: WQAP

Requester: Judy Ashton

Field Report Prepared By:

Project ID: SMP

Collected By:

Sampling Agency:

Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 6-5-17 Time 1150	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Field ID RQ-2017-06-05-35 Date: 06/05/17 Time: Delany Creek 2	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 0.4	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	B/C
STORET # G2SW006666	Temp (C) 25.8	pH 7.6	Sample Depth 0.3	Sp. Conductance (umho/cm) 791	
Latitude Longitude	Salinity (ppt) 0.4	Comments PROSPERS NAT E. COUL 2 ALL			
☐ dd ☐ dms	☐ dd ☐ dms				
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 Longitude	Salinity (ppt) ☐ dd ☐ dms	Comments			
☐ dd ☐ dms	☐ dd ☐ dms				
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 Longitude	Salinity (ppt) ☐ dd ☐ dms	Comments			
☐ dd ☐ dms	☐ dd ☐ dms				
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 Longitude	Salinity (ppt) ☐ dd ☐ dms	Comments			
☐ dd ☐ dms	☐ dd ☐ dms				

Relinquished By:

Date/Time

Shipping Method

Number of Coolers Shipped:

Received By:

Date/Time

6-6-17 9:45

Group: A	Bottle Type:	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	ALKALINITY					
	TURBIDITY					
	W-CL-IC					
	W-COLOR					
	W-F					
	W-SO4-IC					
	W-TDS					
	W-TSS					
Group: A	Bottle Type:	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: A	Bottle Type:	P-500ML	# of Bottles: 3	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: 3	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab _____
	W-PO4-F					
Group: B	Bottle Type:	P-120ML-WC-THI	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	SWD-AEL-EC					
Group: C	Bottle Type:	QPCR-P-250ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	PCR-FILTER					
Group: C	Bottle Type:	BG-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	W-AHERB-AA					
	W-SUC-AA-R					
	W-UHERB-AA					

Date of Request: 11-MAY-2017
 Created By: ASHTON_J On: 11-MAY-2017
 Modified By: SWANSON_C On: 17-MAY-2017
 Customer: WQAP
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District:
 Sampling Event: RUNS 13 & 14

Send Coolers To:

Phone: 813-470-5772
 13051 N. Telecom Parkway

 Tampa, FL 33637
 Attn: Judy Ashton

Send Final Report To:

13051 N. Telecom Parkway

 Tampa, FL 33637
 Attn: Judy Ashton

Program Module Number:
 Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 17-MAY-2017
 Biology Request Reviewed By: SWANSON_C On: 17-MAY-2017
 Sampling Kit Required: YES Ship on: 24-MAY-2017
 Sampling Kit Shipped: YES On: 24-MAY-2017
 Sampling Kit Packed By: GREENWOOD_J
 Preservatives Needed: NO
 Date to Receive Samples: 06-JUN-2017
 Received By: SHAIK_A On: 06-JUN-2017

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

Comments: Group A: Freshwater Kit, No Metals

Bottle Group A (Water) With 3 Samples:

Bottle Type: P-1L	Number of Bottles: 3	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-SO ₄ -IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices
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: 3	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: 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-00) Nonpurgeable Organic Carbon in aqueous matrices
Bottle Type: P-125ML	Number of Bottles: 3	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

Bottle Group B (Water) With 6 Samples:

Bottle Type:	Number of Bottles: 6	Preserved With: ICE
SWD-AEL-EC	Template: DEFAULT	(EPA 1603) Escherichia coli by membrane filter method using modified mTEC by Advanced Environmental Tampa Lab for SWD

Bottle Group C (Water) With 2 Samples:

Bottle Type: QPCR-P-250ML	Number of Bottles: 4	Preserved With: ICE
PCR-FILTER	Template: DEFAULT	(SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis

Bottle Group C (Water) With 2 Samples:

Bottle Type: BG-1L	Number of Bottles: 2	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

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

Log-in Checklist

RQ-2017-06-05-35

Shipping Method: Fed Ex

Date/Time of Receipt: 6/6/17 09:45

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	3.6	13		X			

*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 X No

CONTAINER CHECK

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

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

**Sufficient Sample Volume: Yes X 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)		<u>X</u>	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-CL-R		

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

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

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

Coolers Unpacked/Checked by:

Date: 6/6/17

NCRs (Y/N)?

Event ID: - RUNS 13 & 14
WQAP-2017-06-06-09 (SMP)

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 Gap	Damaged Gap		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 X

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: