

run 5

Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: WQAP

Requester: Judy Ashton

Field Report Prepared By: L. Bachler

Project ID: SMP

Collected By: J. Ashton

Sampling Agency: FDEP

Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8-1-17 Time 1000		Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Field ID	RQ-2017-07-31-23 Date: 08/01/17 Time: 0800 ↓STORET Field ID ↑ G5SW0043 Skinner Lake	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 4.9	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
STORET #		Temp (C) 28.2	pH 6.9	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 111	
Latitude	☐ dms	Salinity (ppt) 0.05		Comments			
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8-1-17 Time 1100		Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID	RQ-2017-07-31-23 Date: 08/01/17 Time: 0800 ↓STORET Field ID ↑ G5SW0121 Tooke Lake	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 7.6	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
STORET #		Temp (C) 29.6	pH 8.2	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 607	
Latitude	☐ dms	Salinity (ppt) 0.03		Comments			
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8-1-17 Time 1215		Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID	RQ-2017-07-31-23 Date: 08/01/17 Time: 0800 ↓STORET Field ID ↑ G4SW0087 Heff Lake	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 11.5	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
STORET #		Temp (C) 30.2	pH 8.0	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 96	
Latitude	☐ dms	Salinity (ppt) 8.04		Comments			
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8-1-17 Time 1255		Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID	RQ-2017-07-31-23 Date: 08/01/17 Time: 0800 ↓STORET Field ID ↑ G5SW0018 Ina West	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 7.1	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
STORET #		Temp (C) 31.4	pH 7.0	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 150	
Latitude	☐ dms	Salinity (ppt) 0.07		Comments			

Relinquished By: L. Bachler	Date/Time 8-1-17 / 1430	Shipping Method Fed Ex	Number of Coolers Shipped: 2	Received By: SR	Date/Time 8-2-17 / 10:10
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Group: A	Bottle Type:	P-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab 6
	ALKALINITY					
	TURBIDITY					
	W-CL-IC					
	W-COLOR					
	W-F					
	W-SO4-IC					
	W-TDS					
	W-TSS					
Group: A	Bottle Type:	BP-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab 6
	CHLSUITE-W					
Group: A	Bottle Type:	P-500ML	# of Bottles: 4	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab 6
	W-NH3					
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					
	W-TOC					
Group: A	Bottle Type:	P-125ML	# of Bottles: 4	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab 6
	W-PO4-F					

Request Number:

2017-07-31-23

Florida Department of Environmental Protection

Central Laboratory Submittal Form

3 of 3

Page 1 of 2

last revised Apr 7, 2016

Customer: SW-DIST

Requester: Judy Ashton

Field Report Prepared By:

Project ID: SMP

Collected By:

Sampling Agency:

Location	RQ-2017-07-31-23 Date: 08/01/17 Time: 1300 Initials: [Signature] Duplicate		G5SW0018 ↓STORET Field ID ↑ G5SW0018		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8-1-17 Time 1300	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Field ID	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		A
STORET #	Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)		
Latitude	☐ dd ☐ dms		Salinity (ppt)		Comments				
Location	RQ-2017-07-31-23 Date: 08/01/17 Time: 1400 Initials: [Signature] Duplicate		BLANK ↓STORET Field ID ↑ FIELD BLANK		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8-1-17 Time 1400	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)		A
STORET #	Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)		
Latitude	☐ dd ☐ dms		Salinity (ppt)		Comments				
Location	RQ-2017-07-31-23 Date: 08/01/17 Time: 1400 Initials: [Signature] Duplicate		BLANK ↓STORET Field ID ↑ FIELD BLANK		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8-1-17 Time 1400	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)		A
STORET #	Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)		
Latitude	☐ dd ☐ dms		Salinity (ppt)		Comments				
Location	RQ-2017-07-31-23 Date: 08/01/17 Time: 1400 Initials: [Signature] Duplicate		BLANK ↓STORET Field ID ↑ FIELD BLANK		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8-1-17 Time 1400	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)		A
STORET #	Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)		
Latitude	☐ dd ☐ dms		Salinity (ppt)		Comments				
Location	RQ-2017-07-31-23 Date: 08/01/17 Time: 1400 Initials: [Signature] Duplicate		BLANK ↓STORET Field ID ↑ FIELD BLANK		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8-1-17 Time 1400	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)		A
STORET #	Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)		
Latitude	☐ dd ☐ dms		Salinity (ppt)		Comments				

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By: SR	Date/Time: 8-2-17/1010
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Group: A	Bottle Type: P-1L	# of Bottles: 6	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: 6	Preservative: ICE	Enter Number of Bottles Sent to Lab
CHLSUITE-W				
Group: A	Bottle Type: P-500ML	# of Bottles: 6	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: 6	Preservative: ICE-FLTR	Enter Number of Bottles Sent to Lab
W-PO4-F				

Date of Request: 12-JUL-2017
 Created By: ASHTON_J On: 12-JUL-2017
 Modified By: SWANSON_C On: 14-JUL-2017
 Customer: WQAP
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District:
 Sampling Event: run 5

Send Coolers To:

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

 Tampa, FL 33637
 Attn: Judy Ashton

Program Module Number:
 Priority: 3
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 14-JUL-2017
 Biology Request Reviewed By: SWANSON_C On: 14-JUL-2017
 Sampling Kit Required: YES Ship on: 18-JUL-2017
 Sampling Kit Shipped: YES On: 18-JUL-2017
 Sampling Kit Packed By: SHAIK_A
 Preservatives Needed: NO
 Date to Receive Samples: 01-AUG-2017
 Received By:

Send Final Report To:

13051 N. Telecom Parkway

 Tampa, FL 33637
 Attn: Judy Ashton

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

Comments: Group A: Freshwater Kit, No Metals
 Please SEND 4 EXTRA coolers

Bottle Group A (Water) With 4 Samples:

Bottle Type: P-1L	Number of Bottles: 4	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO3/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-SO4-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: 4	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: 4	Preserved With: ICE And H2SO4
W-NH3	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
W-NO2NO3	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: 4	Preserved With: ICE-FLTR
W-PO4-F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

RQ 2017-01-31-23

Log-in Checklist

Shipping Method: FedexDate/Time of Receipt: 8-2-17/1010

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	1.3	12		✓			
Red	2.8	12		✓			

*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 $\leq$ 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: 8-2-17

NCRs (Y/N)? N

Event ID: WQAP-2017-08-02-01

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:

8-1-17
ler's
e
pany
ESS
State FL ZIP 33637

Internal Billing Reference

ipient's
le SAMPLE RECEIVING Phone 850 245-8085
pany FLORIDA DEP/CHEMISTRY SECTION
ress 2600 BLAIRSTONE RD
Dept./Floor/Suite/Room
ress
his line for the HOLD location address or for continuation of your shipping address.
TALLAHASSEE State FL ZIP 32399

0126912290
Barcode
8115 9551 3110

8-1-17
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State FL ZIP 33637

Internal Billing Reference

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le SAMPLE RECEIVING Phone 850 245-8085
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Dept./Floor/Suite/Room
ress
his line for the HOLD location address or for continuation of your shipping address.
TALLAHASSEE State FL ZIP 32399

0126912290
Barcode

4 Express Package Service *To most locations.
Next Business Day
☐ FedEx First Overnight
☒ FedEx Priority Overnight
☐ FedEx Standard Overnight
2 or 3 Business Days
☐ FedEx 2Day A.M.
☐ FedEx 2Day
☐ FedEx Express Saver

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
☐ No Signature Required
☐ Direct Signature
☐ Indirect Signature
Does this shipment contain dangerous goods?
☒ No ☐ Yes
☐ Dry Ice

7 Payment Bill to:
Sender ☐ Recipient ☒ Third Party ☐ Credit Card ☐ Cash/Check
Total Packages 1 Total Weight 50 lbs.
611

4 Express Package Service *To most locations.
Next Business Day
☐ FedEx First Overnight
☒ FedEx Priority Overnight
☐ FedEx Standard Overnight
2 or 3 Business Days
☐ FedEx 2Day A.M.
☐ FedEx 2Day
☐ FedEx Express Saver

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
☐ No Signature Required
☐ Direct Signature
☐ Indirect Signature
Does this shipment contain dangerous goods?
☒ No ☐ Yes
☐ Dry Ice

7 Payment Bill to:
Sender ☐ Recipient ☒ Third Party ☐ Credit Card ☐ Cash/Check
Total Packages 1 Total Weight 50 lbs.
611

FedEx.com 1800.GoFedEx 1800.463.3339

FedEx.com 1800.GoFedEx 1800.463.3339