

Request Number: ~~RQ-2017-09-04-33~~

Florida Department of Environmental Protection

1 of 3

Page 1 of 2

SMP_MISC LAKES

2017-08-28-14

Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: WQAP

Requester: Judy Ashton

Field Report Prepared By: CURTIS MUSSON

Project ID: SMP

Collected By: MUSSON, Storres

Sampling Agency: FEDER

Location	RQ-2017-08-28-14	Field ID	G1SW0078	STORET	G1SW0078	James Lake	☐ Comp ☒ Grab	Collection (comp begin or grab)	☒ Eastern ☐ Central	Composite end	☐ Date / Time / ☐ Date / Time /	Bottle Group(s)	(See pg 2)
Date:	8-30-17	Time:	10:00				Matrix (type, e.g., Salt, Fresh, etc)	Fresh	Diss. Oxygen	3.18	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	✓
Temp (C)	29.13	pH	6.86	Sample Depth	0.3	☐ ft ☒ m	Sp. Conductance (umho/cm)	156				A	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	0.07	Comments	LVI						
Location	RQ-2017-08-28-14	Field ID	G1SW0040	STORET	G1SW0040	Calm Lake	☐ Comp ☒ Grab	Collection (comp begin or grab)	☒ Eastern ☐ Central	Composite end	☐ Date / Time / ☐ Date / Time /	Bottle Group(s)	(See pg 2)
Date:	8-30-17	Time:	12:00				Matrix (type, e.g., Salt, Fresh, etc)	Fresh	Diss. Oxygen	6.20	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	✓
Temp (C)	30.06	pH	6.32	Sample Depth	0.3	☐ ft ☒ m	Sp. Conductance (umho/cm)	131				A	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	0.06	Comments	LVI						
Location	RQ-2017-08-28-14	Field ID	G1SW0084	STORET	G1SW0084	Horse Lake	☐ Comp ☒ Grab	Collection (comp begin or grab)	☒ Eastern ☐ Central	Composite end	☐ Date / Time / ☐ Date / Time /	Bottle Group(s)	(See pg 2)
Date:	8-30-17	Time:	1320				Matrix (type, e.g., Salt, Fresh, etc)	Fresh	Diss. Oxygen	3.20	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	✓
Temp (C)	28.72	pH	5.45	Sample Depth	0.3	☐ ft ☒ m	Sp. Conductance (umho/cm)	114				A	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	0.05	Comments	LVI						
Location	RQ-2017-08-28-14	Field ID	G1SW0071	STORET	G1SW0071	Williams Lake	☐ Comp ☒ Grab	Collection (comp begin or grab)	☒ Eastern ☐ Central	Composite end	☐ Date / Time / ☐ Date / Time /	Bottle Group(s)	(See pg 2)
Date:	8-30-17	Time:	1425				Matrix (type, e.g., Salt, Fresh, etc)	Fresh	Diss. Oxygen	6.60	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	✓
Temp (C)	31.35	pH	6.68	Sample Depth	0.3	☐ ft ☒ m	Sp. Conductance (umho/cm)	176				A	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	0.08	Comments	LVI						

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
CURTIS MUSSON	8/30/17/1456	Fedex	2	ASG	8-31-17/10:15

Curtis

Group: A	Bottle Type:	P-1L	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab	5
	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	5
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 6	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	5
	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	5
	W-PO4-F						
Group: B	Bottle Type:	QPCR-P-250ML	# of Bottles: 8	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
	PCR-FILTER						
	PCR-HF183						
Group: B	Bottle Type:	P-120ML-WC-THI	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
	SWD-AEL-EC						
Group: B	Bottle Type:	BG-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
	W-AHERB-AA						
	W-SUC-AA-R						
	W-UHERB-AA						

Request Number: RQ-2017-08-28-14

Lakes-A-kits

Florida Department of Environmental Protection Central Laboratory Submittal Form

last revised Apr 7, 2016

3 of 3
Page 1 of 2

Customer: WQAP

Requester: Judy Ashton

Field Report Prepared By:

Project ID: SMP

Collected By: Judy Ashton, S. Meyer

Sampling Agency: FDEP

Location RQ-2017-08-28-14		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 8-30-17 Time 1145		Eastern Central		Composite end Date Time		Bottle Group(s) (See pg 2)	
Field ID Date: Time:		Field ID G1SW0082		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 6.3		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)	
STORET Cooper Lake		STORET G1SW0082		Temp (C) 30.8		pH 7.1		Sample Depth 0.3		Sp. Conductance (umho/cm) 182	
Latitude ☐ dd ☐ dms		☐ dd ☐ dms		Salinity (ppt) 0.08		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) ☐ dd ☐ dms		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) ☐ dd ☐ dms		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) ☐ dd ☐ dms		Comments					

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
					08-31-17 10:15

Group: A	Bottle Type:	P-1L	# of Bottles: 17	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: 17	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					

Group: A	Bottle Type:	P-500ML	# of Bottles: 17	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: 17	Preservative: ICE-FLTR	Enter Number of Bottles Sent to Lab _____
	W-PO4-F				

Date of Request: 24-JUL-2017
 Created By: ASHTON_J On: 24-JUL-2017
 Modified By: SWANSON_C On: 08-AUG-2017
 Customer: WQAP
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District:
 Sampling Event: Lakes-A-kits

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: 07-AUG-2017
 Biology Request Reviewed By: SWANSON_C On: 08-AUG-2017
 Sampling Kit Required: YES Ship on: 10-AUG-2017
 Sampling Kit Shipped: YES On: 10-AUG-2017
 Sampling Kit Packed By: SHAIK_A
 Preservatives Needed: NO
 Date to Receive Samples: 28-AUG-2017
 Received By: SHAIK_A On: 31-AUG-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 17 Samples:

Bottle Type: P-1L	Number of Bottles: 17	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: 17	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: 17	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: 17	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

RQ-2017-08-28-14

Log-in Checklist

Shipping Method: Fed ExDate/Time of Receipt: 8-31-17/10:15

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	1.1C	9		/			
Red	2.7C	11					

*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: AB

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

Coolers Unpacked/Checked by: 8-31-17Date: 8-31-17NCRs (Y/N)? YEvent ID: Lakes-A-kits
WQAP-2017-08-31-03 (SMP)NCR # Date Received: 31-AUG-2017 10:15

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:

m
8-30-17

der's
18

Phone

any

ress

Dept./Floor/Suite/Room

State FL ZIP 32309

Internal Billing Reference

client's
to SAMPLE RECEIVING Phone 850 245-8000

any FLORIDA DEPT/CHEMISTRY SECTION

ress 2600 BLAIRSTONE RD

Dept./Floor/Suite/Room

ress

via line for the HOLD location address or for continuation of your shipping address.

TALLAHASSEE State FL ZIP 32309



8113 0563 1575

4 Express Package Service * To most locations. Packages up to 150 lbs. For packages over 150 lbs., see 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 _____ kg

Restrictions apply for dangerous goods — see the current FedEx Service Guide. ☐ Cargo Aircraft Only

7 Payment Bill to:

Enter FedEx Acct. No. or Credit Card No. below. Obtain recip. Acct. No. ☐

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

Total Packages 1 Total Weight 5 lbs. Credit Card Auth.

Your liability is limited to USD100 unless you declare a higher value. See the current FedEx Service Guide for details.

Rev. Data 5/15 • Part #153134 • ©1994-2015 FedEx • PRINTED IN U.S.A. 55M

611

m
8-30-17

der's
18

Phone

any

ress

Dept./Floor/Suite/Room

State FL ZIP 32309

Internal Billing Reference

client's
to SAMPLE RECEIVING Phone 850 245-8000

any FLORIDA DEPT/CHEMISTRY SECTION

ress 2600 BLAIRSTONE RD

Dept./Floor/Suite/Room

ress

via line for the HOLD location address or for continuation of your shipping address.

TALLAHASSEE State FL ZIP 32309



8113 0563 1601

4 Express Package Service * To most locations. Packages up to 150 lbs. For packages over 150 lbs., see 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 _____ kg

Restrictions apply for dangerous goods — see the current FedEx Service Guide. ☐ Cargo Aircraft Only

7 Payment Bill to:

Enter FedEx Acct. No. or Credit Card No. below. Obtain recip. Acct. No. ☐

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

Total Packages 1 Total Weight 5 lbs. Credit Card Auth.

Your liability is limited to USD100 unless you declare a higher value. See the current FedEx Service Guide for details.

Rev. Data 5/15 • Part #153134 • ©1994-2015 FedEx • PRINTED IN U.S.A. 55M

611