FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Central Lab Sample Submittal Form

Request Number: RQ-2017-01-23-58
Killearn Chain of Lakes
Customer: WQ-ASSESS
Project ID: SMP

Requester: Curtis Musson
Collected By: Robert Wiwi & Diana Turner

Field Report Prepared By: Diana Turner
Sampling Agency: FDEP

Loc
Field ID → Upper Dianne Lake Middle
Fi Mar 14, 2017
G1WA0041–03142017

STORET ↓
S Upper Dianne Lake Middle
G1WA0041

☐ Comp ☒ Grab
Collection (comp begin or grab) Date 3/14/17 Time 8:45 AM (Eastern / Central)
Collection (comp begin or grab) Date Time
Bottle Group(s): A

Matrix (Salt, Fresh)	Diss. Oxygen (mg/L)		
Fresh	8.45		
Temp (C)	**pH**	**Sample Depts (m)**	**Sp. Conductance (umho/cm)**
17.15		0.3	76
Salinity (ppt)	**Comments**		
0.03			
Latitude (Decimal Degrees)		**Longitude (Decimal Degrees)**	
30.59986		-84.23778	

Field ID → Lower Dianne Lake Middle
Mar 14, 2017
G1WA0040–03142017

STORET ↓
Lower Dianne Lake Middle
G1WA0040

☐ Comp ☒ Grab
Collection (comp begin or grab) Date 3/14/17 Time 9:35 AM (Eastern / Central)
Collection (comp begin or grab) Date Time
Bottle Group(s): A

Matrix (Salt, Fresh)	Diss. Oxygen (mg/L)		
Fresh	7.87		
Temp (C)	**pH**	**Sample Depts (m)**	**Sp. Conductance (umho/cm)**
18.38		0.3	
Salinity (ppt)	**Comments**		
0.03			
Latitude (Decimal Degrees)		**Longitude (Decimal Degrees)**	
30.59355		-84.23534	

Loc
Field ID → Petty Gulf lake Middle
Fie Mar 14, 2017
G1WA0022–03142017

STORET ↓
S1 Petty Gulf lake Middle
G1WA0022

☐ Comp ☒ Grab
Collection (comp begin or grab) Date 3/14/17 Time 10:10 AM (Eastern / Central)
Collection (comp begin or grab) Date Time
Bottle Group(s): A

Matrix (Salt, Fresh)	Diss. Oxygen (mg/L)		
Fresh	7.97		
Temp (C)	**pH**	**Sample Depts (m)**	**Sp. Conductance (umho/cm)**
17.56		0.3	58
Salinity (ppt)	**Comments**		
0.03			
Latitude (Decimal Degrees)		**Longitude (Decimal Degrees)**	
30.58915		-84.22637	

Relinquished By:	Date/Time	Number of Coolers	Received By:	Date/Time
Diana Turner	3/14/17 12:31	2	ATB	03-14-17 | 12:31

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Request Number: RQ-2017-01-23-58
Killearn Chain of Lakes
Customer: WQ-ASSESS
Project ID: SMP

Requester: Curtis Musson
Collected By: Robert Wiwi & Diana Turner

Field Report Prepared By: Diana Turner
Sampling Agency: FDEP

Location
Field ID → Pine Hill Lake Middle
Mar 14, 2017
G1WA0054–03142017

STORET ↓
Pine Hill Lake Middle
G1WA0054

☐ Comp ☒ Grab
Collection (comp begin or grab) Date 3/14/17 Time 10:35 AM (Eastern / Central)
Collection (comp begin or grab) Date Time
Bottle Group(s): A

Matrix (Salt, Fresh)	Diss. Oxygen (mg/L)		
Fresh	9.38		
Temp (C) 17.33	pH	Sample Depts (m) 0.3	Sp. Conductance (umho/cm) 45
Salinity (ppt) 0.02	Comments		
Latitude (Decimal Degrees) 30.58492		Longitude (Decimal Degrees) -84.2195	

Field ID → Lake Tom John Middle
Mar 14, 2017
G1WA0043–03142017

STORET ↓
Lake Tom John Middle
G1WA0043

☐ Comp ☒ Grab
Collection (comp begin or grab) Date 3/14/17 Time 11:20 AM (Eastern / Central)
Collection (comp begin or grab) Date Time
Bottle Group(s): A

Matrix (Salt, Fresh)	Diss. Oxygen (mg/L)		
Fresh	7.88		
Temp (C) 17.89	pH	Sample Depts (m) 0.3	Sp. Conductance (umho/cm) 63
Salinity (ppt) 0.03	Comments		
Latitude (Decimal Degrees) 30.54484		Longitude (Decimal Degrees) -84.21478	

Location
Field ID
Killearn Chain of Lakes Outlet at Velda Dairy Rd. across from Mint Hill Ct
G1WA0015–03142017

Killearn Chain of Lakes Outlet at Velda Dairy Rd. across from Mint Hill Ct.
14 Mar. 2017

STORET ↓
G1WA0015

☐ Comp ☒ Grab
Collection (comp begin or grab) Date 3/14/17 Time 11:50AM (Eastern / Central)
Collection (comp begin or grab) Date Time
Bottle Group(s): A, B

Matrix (Salt, Fresh)	Diss. Oxygen (mg/L)		
Fresh	7.82		
Temp (C) 13.31	pH	Sample Depts (m) 0.1	Sp. Conductance (umho/cm) 94
Salinity (ppt) 0.04	Comments		
Latitude (Decimal Degrees) 30.53735		Longitude (Decimal Degrees) -84.22847	

Relinquished By:	Date/Time	Number of Coolers	Received By:	Date/Time
Diana Turner	3/14/17 12:31	2	AB	03-14-17 12:31

RQ-2017-01-23-58

Date of Request: 09-JAN-2017
Created By: MUSSON_C On: 09-JAN-2017
Modified By: MATTHEWS_D On: 10-JAN-2017
Customer: WQ-ASSESS
Project: SMP
Division: Division of Environmental Assessment and Restoration
District:
Sampling Event: NE Tallahassee Lakes

Send Coolers To:

Phone: 850-245-8453
Division Of Water Facilities, FL DEP
2600 Blair Stone Rd.
Tallahassee, FL 32399-2400
Attn: Curtis Musson

Send Final Report To:

Division Of Water Facilities, FL DEP
2600 Blair Stone Rd.
Tallahassee, FL 32399-2400
Attn: Curtis Musson

Program Module Number:
Priority: 3
Event Status: R
Criminal Investigation: NO
Chemistry Request Reviewed By: WATTS_J On: 10-JAN-2017
Biology Request Reviewed By: MATTHEWS_D On: 10-JAN-2017
Sampling Kit Required: YES Ship on: 24-JAN-2017
Sampling Kit Shipped: YES On: 24-JAN-2017
Sampling Kit Packed By: BOWDEN_M
Preservatives Needed: NO
Date to Receive Samples: 25-JAN-2017
Received By: SHAIK_A On: 14-MAR-2017

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

Comments: Group A: Freshwater Kit, No Metals
Group B: Freshwater Kit, No Metals; E. coli

Bottle Group A (Water) With 5 Samples:

Bottle Type: P-1L		Number of Bottles: 5	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: 5	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: 5	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: 5	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	

Bottle Group B (Water) With 1 Samples:

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

Bottle Group B (Water) With 1 Samples:

Bottle Type: P-1L	Number of Bottles: 1	Preserved With: ICE
W-COLOR Color (true)	Template: DEFAULT	(SM 2120 B) True Color measured at 450 nm
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: 1	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, phaeophytin and ratio by spectrophotometry
Bottle Type:	Number of Bottles: 1	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: P-500ML	Number of Bottles: 1	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: 1	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

Log-in Checklist

RQ- 2017-01-23-58

Shipping Method: ~~FedEx~~ HD

Date/Time of Receipt: 03-14-17 / 12:31

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	2.9C	9		✓			
Red	1.4C	16		✓			

*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: ABS

**W-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes____ No____ NA ✓ Init: _____

Coolers Unpacked/Checked by: ABS **Date:** 3-14-17 **NCRs (Y/N)?** N

Event ID: NE Tallahassee Lakes WQ-ASSESS-2017-03-14-01 (SMP) _____ **NCR #** _____

Date Received: 14-MAR-2017 12:31

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: