Request Number: RQ-2016-04-11-33

Lower Dianne Lake, Upper Dianne Lake, Lake Tom John, Pine Hill Lake and Quincy Creek

Customer: WQAP

Project ID: SMP

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Nov 10, 2015

Requester: Benjamin Ralys

Collected By: S. Albright and R. Wiwi

Field Report Prepared By: S. Albright and R. Wiwi

Sampling Agency: FDEP- WQAP- WAS

Location: Lake Monkey Business Middle	☐ Comp ☑ Grab	Collection (comp begin or grab) Date: 4/13/16 Time: 9:35	Eastern / Central	Composite end Date	Time	Bottle Group(s) (See pg 2): B					
Field ID: G1WA0036	Matrix (type, e.g., Salt, Fresh, etc): Fresh	Diss. Oxygen: 8.52	☑ mg/L ☐ % sat	Total Res. Chlorine (mg/L)							
STORET #: G1WA0036	Temp (C): 22.92	pH: 6.94	Sample Depth: 0.3	☐ ft ☑ m	Sp. Conductance (umho/cm): 63						
Latitude: 30.60779 ☒ dd ☐ dms	Longitude: -84.23076 ☒ dd ☐ dms	Salinity (ppt): 0.03	Comments								
Location: Upper Dianne Lake Middle	☐ Comp ☑ Grab	Collection (comp begin or grab) Date: 4/13/16 Time: 10:30	Eastern / Central	Composite end Date	Time	Bottle Group(s): B					
Field ID: G1WA0041	Matrix (type, e.g., Salt, Fresh, etc): Fresh	Diss. Oxygen: 9.91	☑ mg/L ☐ % sat	Total Res. Chlorine (mg/L)							
STORET #: G1WA0041	Temp (C): 23.26	pH: 7.82	Sample Depth: 0.3	☐ ft ☑ m	Sp. Conductance (umho/cm): 64						
Latitude: 30.59986 ☒ dd ☐ dms	Longitude: -84.23778 ☒ dd ☐ dms	Salinity (ppt): 0.03	Comments								
Location: Lower Dianne Lake Middle	☐ Comp ☑ Grab	Collection (comp begin or grab) Date: 4/13/16 Time: 11:15	Eastern / Central	Composite end Date	Time	Bottle Group(s): B					
Field ID: G1WA0040	Matrix (type, e.g., Salt, Fresh, etc): Fresh	Diss. Oxygen: 8.51	☑ mg/L ☐ % sat	Total Res. Chlorine (mg/L)							
STORET #: G1WA0040	Temp (C): 23.05	pH: 6.94	Sample Depth: 0.3	☐ ft ☑ m	Sp. Conductance (umho/cm): 62						
Latitude: 30.59355 ☒ dd ☐ dms	Longitude: -84.23534 ☒ dd ☐ dms	Salinity (ppt): 0.03	Comments								
Location: Pine Hill Lake Middle	☐ Comp ☑ Grab	Collection (comp begin or grab) Date: 4/13/16 Time: 12:20	Eastern / Central	Composite end Date	Time	Bottle Group(s): B					
Field ID: G1WA0054	Matrix (type, e.g., Salt, Fresh, etc): Fresh	Diss. Oxygen: 9.07	☑ mg/L ☐ % sat	Total Res. Chlorine (mg/L)							
STORET #: G1WA0054	Temp (C): 23.09	pH: 7.02	Sample Depth: 0.3	☐ ft ☑ m	Sp. Conductance (umho/cm): 47						
Latitude: 30.58492 ☒ dd ☐ dms	Longitude: -84.2195 ☒ dd ☐ dms	Salinity (ppt): 0.02	Comments								

Relinquished By:	Date/Time	Shipping Method	Received By:	Date/Time	Relinquished By:	Date/Time	Received By:	Date/Time
			a	4/13/16 4:15				

Group: A	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**
	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-NO2 W-TDS W-TSS					
Group: A	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**
	BOD-UNIN					
Group: A	Bottle Type:	BP-1L	# of Bottles: 2	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**
	CHLSUITE-W					
Group: A	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	HNO3	**Enter Number of Bottles Sent to Lab**
	W-ICP W-ICPMS					
Group: A	Bottle Type:	P-500ML	# of Bottles: 2	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: 2	Preservative:	ICE-FLTR	**Enter Number of Bottles Sent to Lab**
	W-PO4-F					
Group: B	Bottle Type:	P-1L	# of Bottles: 4 (6	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**
	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-NO2 W-TDS W-TSS					

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Requester: Benjamin Ralys

Field Report Prepared By: J. Albright and R. Wini

Collected By: J. Albright and R. Wini

Sampling Agency: FDEP - WQAP- WAS

Location: Lake Tom John Middle	☐ Comp ☑ Grab	Collection (comp begin or grab) Date 4/13/16 Time 13:10	Eastern / Central	Composite end Date	Time	Bottle Group(s) (See pg 2): B					
Field ID: G1WA0043	Matrix (type, e.g., Salt, Fresh, etc): Fresh	Diss. Oxygen 8.74	☑ mg/L ☐ % sat	Total Res. Chlorine (mg/L)							
STORET #: G1WA0043	Temp (C) 23.61	pH 7.10	Sample Depth 0.3	☐ ft ☑ m	Sp. Conductance (umho/cm) 62						
Latitude 30.54484 ☒ dd ☐ dms	Longitude -84.21478 ☒ dd ☐ dms	Salinity (ppt) 0.03	Comments								
Location: Quincy Creek 100 meters upstream of Ralph Stone Rd	☐ Comp ☑ Grab	Collection (comp begin or grab) Date 4/13/16 Time 14:30	Eastern / Central	Composite end Date	Time	Bottle Group(s): A					
Field ID: G1WA0018	Matrix (type, e.g., Salt, Fresh, etc): Fresh	Diss. Oxygen 9.09	☑ mg/L ☐ % sat	Total Res. Chlorine (mg/L)							
STORET #: G1WA0018	Temp (C) 18.55	pH 7.08	Sample Depth 0.15	☐ ft ☑ m	Sp. Conductance (umho/cm) 65						
Latitude 30.5837 ☒ dd ☐ dms	Longitude -84.5503 ☒ dd ☐ dms	Salinity (ppt) 0.03	Comments								
Location: Quincy Creek upstream of SR 12	☐ Comp ☑ Grab	Collection (comp begin or grab) Date 4/13/16 Time 15:10	Eastern / Central	Composite end Date	Time	Bottle Group(s): A					
Field ID: G1WA0019	Matrix (type, e.g., Salt, Fresh, etc): Fresh	Diss. Oxygen 9.05	☑ mg/L ☐ % sat	Total Res. Chlorine (mg/L)							
STORET #: G1WA0019	Temp (C) 18.30	pH 7.00	Sample Depth 0.15	☐ ft ☑ m	Sp. Conductance (umho/cm) 63						
Latitude 30.5923 ☒ dd ☐ dms	Longitude -84.5634 ☒ dd ☐ dms	Salinity (ppt) 0.03	Comments								
Location: Petty Gulf Lake Middle	☐ Comp ☑ Grab	Collection (comp begin or grab) Date 4/13/16 Time 12:00	Eastern / Central	Composite end Date	Time	Bottle Group(s): B					
Field ID: G1WA0022	Matrix (type, e.g., Salt, Fresh, etc): Fresh	Diss. Oxygen 9.85	☑ mg/L ☐ % sat	Total Res. Chlorine (mg/L)							
STORET #: G1WA0022	Temp (C) 22.95	pH 7.37	Sample Depth 0.3	☐ ft ☑ m	Sp. Conductance (umho/cm) 57						
Latitude 30.58915 ☒ dd ☐ dms	Longitude -84.22637 ☒ dd ☐ dms	Salinity (ppt) 0.03	Comments								

Relinquished By:	Date/Time	Shipping Method	Received By:	Date/Time	Relinquished By:	Date/Time	Received By:	Date/Time
			a	4/13/16 4:15				

Group: A	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**
	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-NO2 W-TDS W-TSS					
Group: A	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**
	BOD-UNIN					
Group: A	Bottle Type:	BP-1L	# of Bottles: 2	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**
	CHLSUITE-W					
Group: A	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	HNO3	**Enter Number of Bottles Sent to Lab**
	W-ICP W-ICPMS					
Group: A	Bottle Type:	P-500ML	# of Bottles: 2	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: 2	Preservative:	ICE-FLTR	**Enter Number of Bottles Sent to Lab**
	W-PO4-F					
Group: B	Bottle Type:	P-1L	# of Bottles: 4 6	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**
	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-NO2 W-TDS W-TSS					

RQ-2016-04-11-33

Date of Request: 21-MAR-2016
Created By: RALYS_B On: 21-MAR-2016
Modified By: WATTS_J On: 31-MAR-2016
Customer: WQAP
Project: SMP
Division:
District:
Sampling Event: Lower Dianne Lake, Upper Dianne Lake, Lake Tom John, Pine Hill Lake and Quincy Creek

Send Coolers To:

Phone: 850-245-8443
2600 Blair Stone Rd
MS #3560
Tallahassee, FL 32399-2400
Attn: Benjamin Ralys

Send Final Report To:

2600 Blair Stone Rd
MS #3560
Tallahassee, FL 32399-2400
Attn: Katrina Sanders

Program Module Number:
Priority: 3
Event Status: A
Criminal Investigation: NO
Chemistry Request Reviewed By: WATTS_J On: 31-MAR-2016
Biology Request Reviewed By: WATTS_J On: 31-MAR-2016
Sampling Kit Required: NO Ship on:
Sampling Kit Shipped: YES On: 30-MAR-2016
Sampling Kit Packed By: LASHLEY_C
Preservatives Needed: NO
Date to Receive Samples: 13-APR-2016
Received By:

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

Comments:

Bottle Group A (Water) With 2 Samples:

Bottle Type: P-1L Number of Bottles: 2 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-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: P-1L Number of Bottles: 2 Preserved With: ICE

BOD-UNIN	Template: DEFAULT	(SM 5210 B) BOD, NOT nitrogen-inhibited

Bottle Type: BP-1L Number of Bottles: 2 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: 2 Preserved With: HNO3

W-ICP	Template:	(EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects
Calcium		
Chromium		
Iron		
Magnesium		
Nickel		
Potassium		
Sodium		
Zinc		
W-ICPMS	Template:	(EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects
Arsenic		
Cadmium		

Bottle Group A (Water) With 2 Samples:

Bottle Type: P-500ML Number of Bottles: 2 Preserved With: HNO3

W-ICPMS	Template:	(EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects
Copper		
Lead		
Silver		

Bottle Type: P-500ML Number of Bottles: 2 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: 2 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 4 Samples:

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

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-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: P-1L Number of Bottles: 4 Preserved With: ICE

BOD-UNIN	Template: DEFAULT	(SM 5210 B) BOD, NOT nitrogen-inhibited

Bottle Type: BP-1L Number of Bottles: 4 Preserved With: ICE

CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, phaeophytin and ratio by spectrophotometry

RQ-2016-04-11-33

Log-in Checklist

Shipping Method: Fedex

Date/Time of Receipt: 4-13-16 / 4:15

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	
Red	1.1	10		✓			
Red	2.0	22		✓			

*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					

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

**Acid Preserved Samples: pH ≤ 2.0? Yes ✓ No____ NA____ Init: SK

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

Coolers Unpacked/Checked by: SK Date: 4-13-16 NCRs (Y/N)? N

Event ID: WQAP-2016-04-13-03 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 – Methyl Mercury Preservation Check:

Samples Preserved within 48 hours? Yes_____ No_____

Date and time samples preserved: _____

Additional Comments: