

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Lake Minneola

Customer: CEN-DIST

Project ID: SMP

Requester: Michael Linger

Field Report Prepared By:

Katie Williams

Collected By:

Leif Boman

Sampling Agency:

21FLCEN

Location	Lake Minneola @ half mile north of boat ramp		☐ Comp ☐ Grab		Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s) (See pg 2)
Field ID			Date		Time	Central	Date	
STORET #	Date: 06/22/16 RQ-2016-06-20-54		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Temp (C)	pH	Sample Depth	☐ ft ☒ m	Sp. Conductance (umho/cm)
				Salinity (ppt)	Comments			
G1CE0022 Field ID ↑ STORET ↓ G1CE0022								
Matrix (type, e.g., Salt, Fresh, etc) fresh Diss. Oxygen 7.4 Temp (C) 29.4 pH 7.5 Sample Depth 0.3 Salinity (ppt) 0.05 Sp. Conductance (umho/cm) 114								
Bottle Group(s) A								

Location			☐ Comp ☐ Grab		Collection (comp begin or grab)	Eastern	Composite end	Bottle Group(s)
Field ID			Date		Time	Central	Date	
STORET #			Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)
				Salinity (ppt)	Comments			

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Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)
				Salinity (ppt)	Comments			

Relinquished By:

K Williams

Date/Time

6/22/16 1430

Shipping Method

FedEx

Number of Coolers Shipped:

1

Received By:

C

Date/Time

6/23/16 10:20

Group:	Bottle Type:	P-1L	# of Bottles:	Preservative:	ICE	Enter Number of Bottles Sent to Lab
A	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS		1			1
A	CHLSUITE-W	BP-1L	1		ICE	1
A	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	1	ICE And H2SO4		1
A	W-PO4-F	P-125ML	1	ICE-FLTR		1

Date of Request: 09-JUN-2016
 Created By: LINGER_M On: 09-JUN-2016
 Modified By: MATTHEWS_D On: 14-JUN-2016
 Customer: CEN-DIST
 Project: SMP
 Division:
 District: Central District
 Sampling Event: Lake Minneola

Send Coolers To:

Phone: 407-897-4180
 FL Dept. of Environmental Protection
 3319 Maguire Blvd., Suite 232
 Orlando, FL 32803-3767
 Attn: Mike Linger

Program Module Number: 1306
 Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 10-JUN-2016
 Biology Request Reviewed By: MATTHEWS_D On: 14-JUN-2016
 Sampling Kit Required: NO Ship on:
 Sampling Kit Shipped:
 Sampling Kit Packed By:
 Preservatives Needed: NO
 Date to Receive Samples: 20-JUN-2016
 Received By: SHAIK_A On: 23-JUN-2016

Send Final Report To:

FL Dept. of Environmental Protection
 3319 Maguire Blvd., Suite 232
 Orlando, FL 32803-3767
 Attn: Mike Linger

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

Comments:

Bottle Group A (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
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: 1	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: 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

Date/Time of Receipt: 6/23/16 10:20

***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.**

****Chain of Custody/ Field Sheet(s) Included?** Yes ☒ No ☐

****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 _____

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

**Acid Preserved Samples: pH $\leq$ 2.0? Yes No NA Init: W-2

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

Coolers Unpacked/Checked by: CR Date: 6/23/16 NCRs (Y/N)? —

Event ID: Lake Minneola
CEN-DIST-2016-06-23-03 (SMP)
Date Received: 23-JUN-2016 10:20

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: