



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Lake Tilden @ 150m SE of Center

Date: 3/5/18

WIN/ Field ID: G1CE0089

WBID: _____

Latitude: 28.51970966

County: Orange

ORG ID: 21 FL CEN

Longitude: -81.59215663

Receiving Body of Water: _____

RQ-2018- 03-05-63

Sampling Team Members

Leif Bouman
Katie Williams

WQ Measurements
Sample Collection
Documentation
Preservation
Preservation Check

Sampling Equipment

☒ Sample Container ☐ Van Dorn ☐ Pole
☐ Carboy ☒ Syringe
☐ Dipper ☐ Other _____

Depth Measured with SECCHI DISK LINE
Equipment ID _____

Collection Method

☐ Wading ☐ Canoe/Kayak
☐ From Shore ☐ Electric Motor
☐ Other _____ ☒ Gasoline Motor

Water Level: Dry/ Pooled/ Low / Normal / High / Flooded

Meter ID# Bittig 67

Matrix: Fresh Marine / DI

Photos: Yes / No

Flow: No Flow / Intertidal / Flowing / NA

Tide: Rising/ Falling/ Slack/ NA

Tide Times: High Low

Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPT)	Sp COND (µmhos/cm)	Temp. (C°)
<u>EST</u>	<u>1300</u>	<u>2.9</u>	<u>0.3</u>	<u>0.5</u>	<u>7.41</u>	<u>82.8</u>	<u>7.05</u>	<u>0.10</u>	<u>220</u>	<u>20.83</u>
<u>CEN</u>			<u>2.4</u>		<u>7.22</u>	<u>79.0</u>	<u>7.01</u>	<u>0.10</u>	<u>220</u>	<u>19.75</u>

Biological Samples Collected: None HA SCI RPS Algae ID LVS LVI Other:

SBIO ID Numbers: SBIO-ID: _____ HA-ID: _____ RPS-ID: _____ Macrophyte-ID: _____ LIMS#: _____

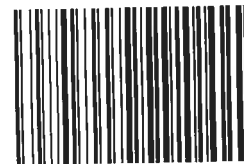
Parameter Suite	Parameter Methods	Preservation	Lot#	Expiration	pH Check
Preserved Nutrients	☐ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☒ Ice ☒ H2SO4	<u>SA7341020</u>	<u>12/7/18</u>	☒ <2
Metals	☒ W-ICPMS ☐ W-ICP	☒ Ice ☒ HNO3	<u>NA7341010</u>	<u>12/7/18</u>	☒ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	<u>13615055</u>		
Chlorophyll	☒ CHLSUITE-W	☒ Ice			
Physical/Aggregate (Fresh)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS	☒ Ice			
Physical/Aggregate (Marine)	☐ Alkalinity / W-F / W-TSS / TURBIDITY	☐ Ice			
Macroinvertebrates	☐ MI-FW-QLDC	☐ Formalin			
Periphyton	☐ ALGAE-ID	☐ Ice			
Microbiology	☒ E Coli ☐ F Coli ☐ Enterococci	☒ Ice			
Molecular	☐ PCR-FILTER ☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-GFD	☐ Ice			
Tracers	☐ W-SUC-AA-R ☐ W-UHERB-AA ☐ W-AHERB-AA	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-UHERB-AA ☐ W-AHERB-AA ☐ W-CARB-AA ☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Ice ☐ Other			

Place Preservative Sticker(s) Here
(If Available)

Notes:

WIN ID / Field ID →

Lake Tilden @ 150m
SE of Center (2875B)



G1CE0089

Signature: K Williams

Date: 3/5/18

Enter Field Parameters, Verify Station ID in LIMS DMT: Kmw 3/6/18

QC Station ID, Field Parameters in LIMS DMT: _____

Scan/Save Field Sheets

Migrate Data to WIN: _____

Verify Data in WIN: _____

(Initials/Date)

(Initials/Date)

(Initials/Date)

(Initials/Date)

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: CEN-DIST

Project ID: SMP

Requester: Michael Linger

Field Report Prepared By: Kate WilliamsSampling Agency: 21FCENCollected By: W.F. Bowman, Kate Williams

Location	WIN ID / Field ID →		Longitude		Latitude		Bottle Group(s)	
Field ID	Lake Tilden @ 140m NW of Center (2875B)		☐ dd ☐ dms		☐ dd ☐ dms		(See pg 2)	
WIN/STORET							A	
Matrix (type, e.g., Salt, Fresh, etc)	Collection (comp begin or grab)	Time	Composite end					
Temp (C)	Date 3/5/18	7.08	Diss. Oxygen	mg/L	% sat			
Salinity (ppt)	Date 3/5/18	0.10	Sample Depth	ft	m			
pH		7.08	Sp. Conductance (umho/cm)	222				
Comments								
Location	WIN ID / Field ID →		Longitude		Latitude		Bottle Group(s)	
Field ID	Lake Tilden @ 165m NE of Center (2875B)		☐ dd ☐ dms		☐ dd ☐ dms		(See pg 2)	
WIN/STORET							A	
Matrix (type, e.g., Salt, Fresh, etc)	Collection (comp begin or grab)	Time	Composite end					
Temp (C)	Date 3/5/18	7.50	Diss. Oxygen	mg/L	% sat			
Salinity (ppt)	Date 3/5/18	0.3	Sample Depth	ft	m			
pH		7.50	Sp. Conductance (umho/cm)	221				
Comments								
Location	WIN ID / Field ID →		Longitude		Latitude		Bottle Group(s)	
Field ID	Lake Tilden @ 150m SE of Center (2875B)		☐ dd ☐ dms		☐ dd ☐ dms		(See pg 2)	
WIN/STORET							A	
Matrix (type, e.g., Salt, Fresh, etc)	Collection (comp begin or grab)	Time	Composite end					
Temp (C)	Date 3/5/18	7.41	Diss. Oxygen	mg/L	% sat			
Salinity (ppt)	Date 3/5/18	0.3	Sample Depth	ft	m			
pH		7.41	Sp. Conductance (umho/cm)	220				
Comments								
Location	WIN ID / Field ID →		Longitude		Latitude		Bottle Group(s)	
Field ID	Lake Tilden @ 225m S of Center (2875B)		☐ dd ☐ dms		☐ dd ☐ dms		(See pg 2)	
WIN/STORET							A	
Matrix (type, e.g., Salt, Fresh, etc)	Collection (comp begin or grab)	Time	Composite end					
Temp (C)	Date 3/5/18	7.67	Diss. Oxygen	mg/L	% sat			
Salinity (ppt)	Date 3/5/18	0.3	Sample Depth	ft	m			
pH		7.67	Sp. Conductance (umho/cm)	221				
Comments								

Relinquished By: <u>Kate Williams</u>	Date/Time: <u>3/5/18</u>	Shipping Method: <u>FedEx</u>	Number of Coolers Shipped: <u>2</u>	Received By: <u>[Signature]</u>	Date/Time: <u>3-6-18</u>
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Group: A	Bottle Type:	P-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: A	Bottle Type:	P-250ML-WI-THI	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4 to Flowers
	CD-FLR-ECQ						
Group: A	Bottle Type:	BP-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 4	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	4
	W-ICP						
	W-ICPMS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 4	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	4
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 4	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	4
	W-PO4-F						
Group: B	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: CEN-DIST

Project ID: SMP

Requester: Michael Linger

Field Report Prepared By: Kate Williams

Collected By: Kate Williams

Sampling Agency: 2FUGN

Location	WIN ID / Field ID →	Comp	Collection (comp begin or grab)	Time	Eastern	Central	Composite end	Bottle Group(s)
Field ID	Lake Felter @ Center (2868B)	Grab	Date	Time	mg/L	% sat	Total Res. Chlorine (mg/L)	(See pg 2)
WIN/STORE		Temp (C)	pH	Sample Depth	Diss. Oxygen	Sp. Conductance (umho/cm)		
Latitude	dd dms	dd dms	dd dms	dd dms	dd dms	dd dms	dd dms	dd dms
Longitude	dd dms	dd dms	dd dms	dd dms	dd dms	dd dms	dd dms	dd dms
Location	WIN ID / Field ID →	Comp	Collection (comp begin or grab) <th>Time</th> <th>Eastern</th> <th>Central</th> <th>Composite end</th> <th>Bottle Group(s)</th>	Time	Eastern	Central	Composite end	Bottle Group(s)
Field ID	Mirror Lake @ Center of North Lobe (2868A)	Grab	Date	Time	mg/L	% sat	Total Res. Chlorine (mg/L)	(See pg 2)
WIN/STORE		Temp (C)	pH	Sample Depth	Diss. Oxygen	Sp. Conductance (umho/cm)		
Latitude	dd dms	dd dms	dd dms	dd dms	dd dms	dd dms	dd dms	dd dms
Longitude	dd dms	dd dms	dd dms	dd dms	dd dms	dd dms	dd dms	dd dms
Location	WIN ID / Field ID →	Comp	Collection (comp begin or grab) <th>Time</th> <th>Eastern</th> <th>Central</th> <th>Composite end</th> <th>Bottle Group(s)</th>	Time	Eastern	Central	Composite end	Bottle Group(s)
Field ID		Grab	Date	Time	mg/L	% sat	Total Res. Chlorine (mg/L)	(See pg 2)
WIN/STORE		Temp (C)	pH	Sample Depth	Diss. Oxygen	Sp. Conductance (umho/cm)		
Latitude	dd dms	dd dms	dd dms	dd dms	dd dms	dd dms	dd dms	dd dms
Longitude	dd dms	dd dms	dd dms	dd dms	dd dms	dd dms	dd dms	dd dms
Location	WIN ID / Field ID →	Comp	Collection (comp begin or grab) <th>Time</th> <th>Eastern</th> <th>Central</th> <th>Composite end</th> <th>Bottle Group(s)</th>	Time	Eastern	Central	Composite end	Bottle Group(s)
Field ID		Grab	Date	Time	mg/L	% sat	Total Res. Chlorine (mg/L)	(See pg 2)
WIN/STORE		Temp (C)	pH	Sample Depth	Diss. Oxygen	Sp. Conductance (umho/cm)		
Latitude	dd dms	dd dms	dd dms	dd dms	dd dms	dd dms	dd dms	dd dms
Longitude	dd dms	dd dms	dd dms	dd dms	dd dms	dd dms	dd dms	dd dms

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
K Williams	3/5/10 1600	FedEx	2	SR	3-6-18 / 10

9:50

Group: A	Bottle Type:	P-1L	# of Bottles: 4	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:	P-250ML-WI-THI	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	CD-FLR-ECQ					
Group: A	Bottle Type:	BP-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	CHLSUITE-W					
Group: A	Bottle Type:	P-500ML	# of Bottles: 4	Preservative:	HNO3	Enter Number of Bottles Sent to Lab
	W-ICP					
	W-ICPMS					
Group: A	Bottle Type:	P-500ML	# of Bottles: 4	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: 4	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab
	W-PO4-F					
Group: B	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-SO4-IC					
	W-TDS					
	W-TSS					

Group: B	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
Group: B	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 2	Preservative: ICE And H2SO4		Enter Number of Bottles Sent to Lab	2
Group: B	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 2	Preservative: FILTER-ICE		Enter Number of Bottles Sent to Lab	2

