



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes ☒ No ☐

WIN Station Name: Lake Tilden @ 140m NW of Center (2875B)

Date: 02/5/2018
(mm/dd/yyyy)

WIN/ Field ID: G1CE0087

WBID: 2875B

Latitude: 28.52033685

(Decimal Degrees)

County: Orange

ORG ID: 21 FL CEN

Longitude: -81.59509504

(Decimal Degrees)

Receiving Body of Water:

RQ-2018- 02-05-68

Sampling Team Members				WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment			
Leif Boman TERRY RIORDAN Katie Williams									☒ Sample Container ☐ Van Dorn ☐ Pole ☐ Carboy ☒ Syringe ☐ Dipper ☐ Other Depth Measured with <u>SECCHI DISK LINE</u> Equipment ID			
									Collection Method			
									☐ Wading ☐ Canoe/Kayak ☐ From Shore ☐ Electric Motor ☐ Other ☒ Gasoline Motor			
Water Level: Dry/ Pooled/ Low <u>Normal</u> High / Flooded				Meter ID# <u>BOOP/NA</u> <u>Betty/67</u>				Matrix: <u>Fresh</u> Marine / DI				
Photos: Yes / <u>No</u> Flow: No Flow / Intestinal / Flowing <u>NA</u>				Tide: Rising/ Falling/ Slack/ <u>NA</u>				Tide Times: High Low				
Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPT _h)	Sp COND (µmhos/cm)	Temp. (C°)		
EST	1308	2.1	0.3	0.4	8.88	94.3	6.94	0.10	213	18.12		
CEN			1.4		8.74	84.7	6.85	0.10	213	14.63		
Biological Samples Collected: <u>None</u> 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	☒ H ₂ SO ₄	3A7275010	10/18	☒ <2			
Metals	☐ W-ICPMS ☐ W-ICP				☒ Ice	☒ HNO ₃	NA7261120	9/18	☐ <2			
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter				☒ Ice		9743729					
Chlorophyll	☒ CHLSUITE-W				☒ Ice							
Physical/Aggregate (Fresh)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CI-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							

Notes: Take 408 West to Turnpike north, then take 429 South. Take exit onto Winter Garden-Vineland (CR 535) and turn right. Take immediate left to stay on CR 535 and make left onto County Estate Drive. Boat ramp is in the back of the subdivision. (Combo. to lock is currently 1122). Due to construction, may be easier to take Daniels Rd to Roper west, then south onto CR535. George Munson at 407-877-8347. Tilden is through the canal to the south (to the left) of the launch canal.

WIN ID / Field ID →

Lake Tilden @ 140m
NW of Center (2875B)



G1CE0087

Signature: K Williams

Date: 2/5/18

Enter Field Parameters, Verify Station ID In LIMS DMT: KMM 2/13/18

QC Station ID, Field Parameters In LIMS DMT:

(Initials/Date)

(Initials/Date)

Scan/Save Field Sheets

Migrate Data to WIN:

Verify Data In WIN:

(Initials/Date)

(Initials/Date)

(Initials/Date)

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 3, 2018

Customer: CEN-DIST

Project ID: SMP

Requester: Michael Linger

Field Report Prepared By: Kate WilliamsSampling Agency: 21F CENCollected By: Leif Bowman

Location	WIN ID / Field ID →	Temp (C)	pH	Salinity (ppt)	Collection Date	Time	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	Total Res. Chlorine (mg/L)	Sp. Conductance (umho/cm)	Bottle Group(s)
Field ID	Mirror Lake @ Center of North Lobe (2868A)	17.40	7.23	0.07	2/5/18	1105		10.96			B
WIN/STORET #											
Latitude											
Longitude											
Location	WIN ID / Field ID →	Temp (C)	pH	Salinity (ppt)	Collection Date <th>Time</th> <th>Matrix (type, e.g., Salt, Fresh, etc)</th> <th>Diss. Oxygen</th> <th>Total Res. Chlorine (mg/L)</th> <th>Sp. Conductance (umho/cm)</th> <th>Bottle Group(s)</th>	Time	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	Total Res. Chlorine (mg/L)	Sp. Conductance (umho/cm)	Bottle Group(s)
Field ID	Lake Felter @ Center (2868B)	17.06	6.73	0.06	2/5/18	1155		9.30			B
WIN/STORET #											
Latitude											
Longitude											
Location	WIN ID / Field ID →	Temp (C)	pH	Salinity (ppt)	Collection Date <th>Time</th> <th>Matrix (type, e.g., Salt, Fresh, etc)</th> <th>Diss. Oxygen</th> <th>Total Res. Chlorine (mg/L)</th> <th>Sp. Conductance (umho/cm)</th> <th>Bottle Group(s)</th>	Time	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	Total Res. Chlorine (mg/L)	Sp. Conductance (umho/cm)	Bottle Group(s)
Field ID	Lake Tilden @ 140m NW of Center (2875B)	18.12	6.94	0.10	2/5/18	1308		8.88			A
WIN/STORET #											
Latitude											
Longitude											
Location	WIN ID / Field ID →	Temp (C)	pH	Salinity (ppt)	Collection Date <th>Time</th> <th>Matrix (type, e.g., Salt, Fresh, etc)</th> <th>Diss. Oxygen</th> <th>Total Res. Chlorine (mg/L)</th> <th>Sp. Conductance (umho/cm)</th> <th>Bottle Group(s)</th>	Time	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	Total Res. Chlorine (mg/L)	Sp. Conductance (umho/cm)	Bottle Group(s)
Field ID	Lake Tilden @ 165m NE of Center (2875B)	17.60	6.97	0.10	2/5/18	1315		9.02			A
WIN/STORET #											
Latitude											
Longitude											

Relinquished By: <u>K Williams</u>	Date/Time: <u>2/5/18 1600</u>	Shipping Method: <u>FedEx</u>	Number of Coolers Shipped: <u>2</u>	Received By: <u>SL</u>	Date/Time: <u>2/6/18/9150</u>
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Group: A	Bottle Type:	P-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	ALKALINITY					4
	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					4
Group: A	Bottle Type:	BP-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	CHLSUITE-W					4
Group: A	Bottle Type:	P-500ML	# of Bottles: 4	Preservative:	HNO3	Enter Number of Bottles Sent to Lab
	W-ICP					4
	W-ICPMS					
Group: A	Bottle Type:	P-500ML	# of Bottles: 4	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab
	W-NH3					4
	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					4
Group: B	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	ALKALINITY					2
	TURBIDITY					
	W-CL-IC					
	W-COLOR					
	W-F					
	W-SO4-IC					
	W-TDS					
	W-TSS					

to Flowers

Group: B	Bottle Type: P-250ML-WI-THI CD-FLR-ECQ	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2 to Howard
Group: B	Bottle Type: BP-1L CHLSUITE-W	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
Group: B	Bottle Type: P-500ML W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	# of Bottles: 2	Preservative: ICE And H2SO4		Enter Number of Bottles Sent to Lab	2
Group: B	Bottle Type: P-125ML W-PO4-F	# of Bottles: 2	Preservative: FILTER-ICE		Enter Number of Bottles Sent to Lab	2

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Mirror / Felter / Tilden X4

last revised Jan 3, 2018

Customer: CEN-DIST

Requester: Michael Linger

Field Report Prepared By: Katie Williams

Project ID: SMP

Collected By: Leif BomanSampling Agency: 21 FRENLocation
Field ID
WIN/STORE

WIN ID / Field ID →

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

G1CE0089

Latitude
Longitude
dd dms
dd dmsLocation
Field ID
WIN/STORE

WIN ID / Field ID →

Lake Tilden @ 225m
S of Center (2875B)

G1CE0090

Latitude
Longitude
dd dms
dd dms

Location

Field ID

WIN/STORE #

Latitude

Longitude
dd dms
dd dms

Location

Field ID

WIN/STORE #

Latitude

Longitude
dd dms
dd dms

☐ Comp ☐ Grab	Collection (comp begin or grab) Date 2/5/18 Time 1330	Composite end Date Time	Bottle Group(s) (See pg 2)
Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 9.27 Total Res. Chlorine (mg/L) _____ % sat _____	A
Temp (C) 18.22	pH 7.05	Sample Depth 0.3	
Salinity (ppt) 0.10	Sp. Conductance (umho/cm) 212		

Comments

☐ Comp ☐ Grab	Collection (comp begin or grab) Date 2/5/18 Time 1335	Composite end Date Time	Bottle Group(s) (See pg 2)
Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 9.08 Total Res. Chlorine (mg/L) _____ % sat _____	A
Temp (C) 18.75	pH 7.02	Sample Depth 0.3	
Salinity (ppt) 0.10	Sp. Conductance (umho/cm) 212		

Comments

☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time	Composite end Date Time	Bottle Group(s) (See pg 2)
Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen Total Res. Chlorine (mg/L) _____ % sat _____	
Temp (C)	pH	Sample Depth	
Salinity (ppt)	Sp. Conductance (umho/cm)		

Comments

☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time	Composite end Date Time	Bottle Group(s) (See pg 2)
Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen Total Res. Chlorine (mg/L) _____ % sat _____	
Temp (C)	pH	Sample Depth	
Salinity (ppt)	Sp. Conductance (umho/cm)		

Comments

Relinquished By: <u>Katie Williams</u>	Date/Time: <u>2/5/18 1600</u>	Shipping Method: <u>FedEx</u>	Number of Coolers Shipped: <u>2</u>	Received By: <u>SP</u>	Date/Time: <u>2.6.18 4:50</u>
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Group: A	Bottle Type:	P-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	ALKALINITY					4
	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					4 to 10000
Group: A	Bottle Type:	BP-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	CHLSUITE-W					4
Group: A	Bottle Type:	P-500ML	# of Bottles: 4	Preservative:	HNO3	Enter Number of Bottles Sent to Lab
	W-ICP					4
	W-ICPMS					
Group: A	Bottle Type:	P-500ML	# of Bottles: 4	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab
	W-NH3					4
	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					4
Group: B	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	ALKALINITY					2
	TURBIDITY					
	W-CL-IC					
	W-COLOR					
	W-F					
	W-SO4-IC					
	W-TDS					
	W-TSS					

Group: B	Bottle Type: CD-FLR-ECQ	P-250ML-WI-THI	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2 to <u>Flower</u>
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	ICE	Enter Number of Bottles Sent to Lab	2
Group: B	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 2	Preservative: FILTER-ICE	ICE	Enter Number of Bottles Sent to Lab	2



Relinquished by:	Date	Time	Received by:	Date	Time	Comments
KW. Harris	2/5/98	1440	MM	2/5	14:40	Temp Upon Receipt: 3 rd
Relinquished by:	Date	Time	Received by:	Date	Time	Sample Containers Intact? ☒ Y ☐ N