



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

April 2018

Data Qualified?

Yes ☒ No ☐

Lake Tilden @ 225m S of Center

WIN Station Name:

Date: 5/10/2018

WIN ID/ Field ID G1CE0090

WBID: 2875B

Latitude: 28.51800227

County: Orange

ORG ID: 21FL CEN

Longitude: -81.59341368

Receiving Body of Water:

RQ - 2018-05-07-63

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Duplicate Collection	Blank Collection	Sampling Equipment		
TERRY RIORDAN									☒ Sample Container	☐ Van Dorn	☐ Pole
KATIE MARCH									☐ Carboy	☒ Syringe	
									☐ Dipper	☐ Other	
									Depth Measured with: SECCHI DISK LINE/METER		
									Equipment ID (KNOTHEAD/67, LEADFOOT/NON, RUSTY/SCUD)		
									Collection Method		
									☐ Wading	☐ Canoe/Kayak	
									☐ From Shore	☐ Electric Motor	
									☐ Other	☒ Gasoline Motor	
Water Level: Dry/ Pooled/ Low/ Normal/ High/ Flooded		Meter ID# BETTY / 67				Matrix: Fresh / Marine / DI					
Photos: Yes / No		Flow: No Flow / Intestinal / Flowing / NA				Tide: Rising/ Falling/ Slack/ NA		Tide Times: High Low			

Field Sample

(Bracket Sample Time)

Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (ppt)	Sp COND (umhos/cm)	Temp. (C°)
EST	1244	2.5	0.3	0.4	6.33	77.5	6.69	0.10	221	25.60
CEN			2.0		4.79	57.7	6.47	0.10	218	24.65

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	SA7275010	10/02/18	☒ <2
Metals	☒ W-ICPMS ☐ W-ICP	☒ Ice ☐ HNO3	NA7341010	12/7/18	☒ <2
Filtered Nutrients	☒ W-PO4-F ☐ Field Filtered 0.45 um Filter	☒ Ice	13615055	Place Preservative Sticker(s) Here (If Available)	
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-E3821-MS ☐ W-E32821-DI	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-E3821-MS ☐ W-CT-CL-R ☐ W-PCL-SQ-R ☐ W-E3821-DI ☐ W-CARB-AA	☐ Ice ☐ Other			

Duplicate

Time Zone: <u>EST</u> CEN		Time: <u>1250</u>		Field ID: <u>G1CE0090DUP</u>	
(WIN ID + DUP)					
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	SA7275010	10/02/18	☒ < 2
Metals	☒ W-ICPMS ☒ W-ICP	☒ Ice ☒ HNO ₃	NA7341010	12/7/18	☒ < 2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	13615055	Place Preservative Sticker(s) Here (If Available)	
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			
Microbiology	☐ E Coli ☐ F Coli ☐ Enterococci	☐ Ice			
Molecular	☐ PCR-FILTER ☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-GI				
Tracers	☐ W-E3821-MS ☐ W-E3821-DI				
Pesticides	☐ W-PSNP-TQ ☐ W-E3821-DI ☐ W-CT-CL-R ☐ W-PCL-SQ-R ☐ W-E-3821-MS ☐ W-CARB-AA				

Field ID → G1CE0090_DUP
WIN → G1CE0090

Location → Lake Tilden @ 225m S of Center

Blank

Time Zone: <u>EST</u> CEN		Time: <u>1300</u>		Field ID: <u>BLA</u>	
DI Source: <u>WASHROOM</u>					
Location: _____					
☒ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank					

Field ID →
Field Blank
Location/DI source
Washroom



Equipment ID: _____

WIN DMT Blank Batch ID:					
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	SA7275010	10/02/18	☒ < 2
Metals	☒ W-ICPMS ☒ W-ICP	☒ Ice ☒ HNO ₃	NA7341010	12/7/18	☒ < 2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	13615055	Place Preservative Sticker(s) Here (If Available)	
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			
Tracers	☐ W-E3821-MS ☐ W-E3821-DI	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-E3821-DI ☐ W-CT-CL-R ☐ W-PCL-SQ-R ☐ W-E3821-MS ☐ W-CARB-AA	☐ Other			

Notes:

Launch: 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.

BOTTLE GROUPS: no e.coli

WIN ID / Field ID →

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



Signature: <u>[Signature]</u>	Date: <u>5/17/18</u>
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Enter Field Parameters, Verify Station ID In LIMS DMT: <u>KWM MAY 18 2018</u>	QC Station ID, Field Parameters In LIMS DMT: <u>7/25/21/18</u>
Scan/Save Field Sheets _____	Verify Data In WIN: _____
(Initials/Date)	(Initials/Date)

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Requester: Michael Linger

Field Report Prepared By: K. March

Customer: CEN-DIST

Project ID: SMP

Collected By: T. R. Jordan

Sampling Agency: 21 R. E. N

Location	WIN ID / Field ID →		dd Longitude		dd dms		Collection (comp begin or grab)		Composite end		Bottle Group(s)
Field ID	Lake Tilden @ 140m NW of Center (2875B)						Date 5/17/18 Time 1225		Date		(See pg 2)
WIN/STORET							Matrix (type, e.g., Salt, Fresh, etc)		mg/L Total Res. Chlorine		A
Latitude							Temp (C) 26.44 pH 6.98		Diss. Oxygen 7.55 % sat		
							Salinity (ppt) 0.10		Sample Depth 0.3 Sp. Conductance 222		
Location	WIN ID / Field ID →		dd Longitude		dd dms		Collection (comp begin or grab)		Composite end		Bottle Group(s)
Field ID	Lake Tilden @ 165m NE of Center (2875B)						Date 5/17/18 Time 1233		Date		A
WIN/STORET #							Matrix (type, e.g., Salt, Fresh, etc)		mg/L Total Res. Chlorine		
Latitude							Temp (C) 26.32 pH 7.03		Diss. Oxygen 7.91 % sat		
							Salinity (ppt) 0.10		Sample Depth 0.3 Sp. Conductance 223		
Location	WIN ID / Field ID →		dd Longitude		dd dms		Collection (comp begin or grab)		Composite end		Bottle Group(s)
Field ID	Lake Tilden @ 150m SE of Center (2875B)						Date 5/17/18 Time 1239		Date		A
WIN/STORET							Matrix (type, e.g., Salt, Fresh, etc)		mg/L Total Res. Chlorine		
Latitude							Temp (C) 24.21 pH 6.95		Diss. Oxygen 7.55 % sat		
							Salinity (ppt) 0.10		Sample Depth 0.3 Sp. Conductance 221		
Location	WIN ID / Field ID →		dd Longitude		dd dms		Collection (comp begin or grab)		Composite end		Bottle Group(s)
Field ID	Lake Tilden @ 225m S of Center (2875B)						Date 5/17/18 Time 1246		Date		A
WIN/STORE							Matrix (type, e.g., Salt, Fresh, etc)		mg/L Total Res. Chlorine		
Latitude							Temp (C) 25.60 pH 6.69		Diss. Oxygen 6.69 % sat		
							Salinity (ppt) 0.10		Sample Depth 0.3 Sp. Conductance 221		

Relinquished By: K. March	Date/Time: 5/17/18 1600	Shipping Method: FedEx	Number of Coolers Shipped: 2	Received By: J. D.	Date/Time: 5/18/18 9:55
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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	8
	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: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						

Field Report Prepared By:

Sampling Agency:

Relinquished By: V. M. [Signature]	Date/Time 5/17/18	Shipping Method FedEx	Number of Coolers Shipped: 2	Received By: J. A. [Signature]	Date/Time 5/18/18 9:55
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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: 1	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: P-250ML-WI-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab
CD-FLR-ECQ					
Group: B	Bottle Type: BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab
CHLSUITE-W					
Group: B	Bottle Type: P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4		Enter Number of Bottles Sent to Lab
W-NH3					
W-NO2NO3					
W-S-A-TP					
W-TKN					
W-TOC					
Group: B	Bottle Type: P-125ML	# of Bottles: 1	Preservative: FILTER-ICE		Enter Number of Bottles Sent to Lab
W-PO4-F					
Group: C	Bottle Type: P-1L	# of Bottles: 1	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: C	Bottle Type: P-250ML-WI-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab
CD-FLR-ECQ					
Group: C	Bottle Type: P-500ML	# of Bottles: 1	Preservative:	HNO3	Enter Number of Bottles Sent to Lab
W-ICP					
W-ICPMS					
Group: C	Bottle Type: P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4		Enter Number of Bottles Sent to Lab
W-NH3					
W-NO2NO3					
W-S-A-TP					
W-TKN					
W-TOC					
Group: C	Bottle Type: P-125ML	# of Bottles: 1	Preservative: FILTER-ICE		Enter Number of Bottles Sent to Lab

Group: C	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 1	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab
Group: D	Bottle Type: ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab
Group: D	Bottle Type: W-ICP W-ICPMS	P-500ML	# of Bottles: 1	Preservative:	HNO3	Enter Number of Bottles Sent to Lab
Group: D	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab
Group: D	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 1	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab