



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Lake Tilden @ 225m S of Center(2875B)

Date: 4/5/2018

WIN/ Field ID: G1CE0090

WBID: 2875B

Latitude: 28.51800227

(mm/dd/yyyy)

County: Orange

ORG ID: 21 FL CEN

Longitude: -81.59341368

(Decimal Degrees)

(Decimal Degrees)

Receiving Body of Water:

RQ-2018- 03-12-01 04-02-54

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
TERRY RIORDAN										☒ Sample Container	☐ Van Dorn	☐ Pole		
KATIE WILLIAMS										☐ Carboy	☒ Syringe			
										☐ Dipper	☐ Other			
										Depth Measured with SECCHI DISK LINE				
										Equipment ID KNOT HEAD				
										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 / 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°)				
EST	1025	2.7	0.3	0.5	7.55	89.5	7.31	0.10	223	23.87				
CEN			2.2		7.01	92.5	7.13	0.11	225	23.39				
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	SA 7341020	12/7/2018	☒ <2				
Metals	☒ W-ICPMS ☒ W-ICP					☒ Ice	☒ HNO3	NA7341010	12/7/2018	☒ <2				
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter					☒ Ice		13615055						
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					☐ Ice								
	☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R					☐ 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.

BOTTLE GROUP A

WIN ID / Field ID →

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



G1CE0090

Signature:

Katie Williams

Date:

4/5/18

Enter Field Parameters, Verify Station ID In LIMS DMT:

kmw 4/10/18

QC Station ID, Field Parameters In LIMS DMT:

7/2 4/11/18

Scan/Save Field Sheets

(Initials/Date)

Migrate Data to WIN:

(Initials/Date)

Verify Data In WIN:

(Initials/Date)

Customer: CEN-DIST

Project ID: SMP

Requester: Michael Linger

Field Report Prepared By: K. Williams

Collected By: F. Rodan

Sampling Agency: 21FCEN

Location	WIN ID / Field ID →	Collection (comp begin or grab)	Time	Composite end	Bottle Group(s)
Field ID	Lake Tilden @ 140m NW of Center (2875B)	Date 4/5/18	1000		
WIN/STORET #		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 7.17	Total Res. Chlorine (mg/L)	A
Latitude	dd dms	Temp (C) 23.57	pH 7.21	Sp. Conductance (umho/cm) 226	
Longitude	dd dms	Salinity (ppt) 0.11	Comments		
Location	WIN ID / Field ID →	Collection (comp begin or grab)	Time	Composite end	Bottle Group(s)
Field ID	Lake Tilden @ 165m NE of Center (2875B)	Date 4/5/18	1010		
WIN/STORET #		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 7.53	Total Res. Chlorine (mg/L)	A
Latitude	dd dms	Temp (C) 23.83	pH 7.32	Sp. Conductance (umho/cm) 226	
Longitude	dd dms	Salinity (ppt) 0.11	Comments		
Location	WIN ID / Field ID →	Collection (comp begin or grab)	Time	Composite end	Bottle Group(s)
Field ID	Lake Tilden @ 150m SE of Center (2875B)	Date 4/5/18	1018		
WIN/STORET #		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 7.53	Total Res. Chlorine (mg/L)	A
Latitude	dd dms	Temp (C) 23.80	pH 7.30	Sp. Conductance (umho/cm) 225	
Longitude	dd dms	Salinity (ppt) 0.11	Comments		
Location	WIN ID / Field ID →	Collection (comp begin or grab)	Time	Composite end	Bottle Group(s)
Field ID	Lake Tilden @ 225m S of Center (2875B)	Date 4/5/18	1025		
WIN/STORET #		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 7.55	Total Res. Chlorine (mg/L)	A
Latitude	dd dms	Temp (C) 23.87	pH 7.31	Sp. Conductance (umho/cm) 223	
Longitude	dd dms	Salinity (ppt) 0.10	Comments		

Relinquished By: Williams	Date/Time 4/5/18 1600	Shipping Method FedEx	Number of Coolers Shipped: 2	Received By: J. A.	Date/Time 4/6/18 9:50
---------------------------	-----------------------	-----------------------	------------------------------	--------------------	-----------------------

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: 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							

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: CEN-DIST

Requester: Michael Linger

Field Report Prepared By: K. Williams

Project ID: SMP

Collected By: T. Rodan, K. Williams

Sampling Agency: 2FACEN

Location	WIN ID / Field ID →		G2CE0094		Bottle Group(s) (See pg 2)	
Field ID	Lake Starke @ Center (3002D)				B	
WIN/STORET #						
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms			
Location	Field ID → G2CE0094_DUP				Bottle Group(s)	
Field ID	WIN → G2CE0094				C	
WIN/STORET #						
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms			
Location	Field ID →				Bottle Group(s)	
Field ID	Field Blank Location/DI source Washroom				D	
WIN/STORET #						
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms			
Location					Bottle Group(s)	
Field ID						
WIN/STORET #						
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms			

☐ Comp ☒ Grab	Collection (comp begin or grab) Date 4/5/18 Time 1115	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 10.85	Total Res. Chlorine (mg/L)	Composite end Date	Eastern Central	Bottle Group(s)
Temp (C)	24.26	pH	9.18	Sample Depth	0.3	ft m	204
Salinity (ppt)	0.12	Comments					
☐ Comp ☒ Grab	Collection (comp begin or grab) Date 4/5/18 Time 1120	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	Total Res. Chlorine (mg/L)	Composite end Date	Eastern Central	Bottle Group(s)
Temp (C)		pH	0.3	Sample Depth		ft m	
Salinity (ppt)		Comments					
☐ Comp ☒ Grab	Collection (comp begin or grab) Date 4/5/18 Time 1130	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	Total Res. Chlorine (mg/L)	Composite end Date	Eastern Central	Bottle Group(s)
Temp (C)		pH		Sample Depth		ft m	
Salinity (ppt)		Comments					
☐ Comp ☒ Grab	Collection (comp begin or grab) Date 4/5/18 Time 1130	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	Total Res. Chlorine (mg/L)	Composite end Date	Eastern Central	Bottle Group(s)
Temp (C)		pH		Sample Depth		ft m	
Salinity (ppt)		Comments					
☐ Comp ☒ Grab	Collection (comp begin or grab) Date 4/5/18 Time 1600	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	Total Res. Chlorine (mg/L)	Composite end Date	Eastern Central	Bottle Group(s)
Temp (C)		pH		Sample Depth		ft m	
Salinity (ppt)		Comments					

Relinquished By: K. Williams	Date/Time: 4/5/18 1600	Shipping Method: FedEx	Number of Coolers Shipped: 2	Received By: J. J.	Date/Time: 4/6/18 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: 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	1 to Fluores
CD-FLR-ECQ						
Group: B	Bottle Type: BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
CHLSUITE-W						
Group: B	Bottle Type: P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4		Enter Number of Bottles Sent to Lab	1
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	1
W-PO4-F						
Group: C	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						
Group: C	Bottle Type: P-250ML-WI-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1 to Fluores
CD-FLR-ECQ						
Group: C	Bottle Type: P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4		Enter Number of Bottles Sent to Lab	1
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	1
W-PO4-F						
Group: D	Bottle Type: P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
ALKALINITY						

Group: D	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: D	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: D	Bottle Type:	P-125ML	# of Bottles: 1	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	
	W-PO4-F						



Department of Environmental Protection
3319 Maguire Blvd Suite 232, Orlando, FL 32803
Natalie Ayala / Michael Linger / Kalina Warren
Michael.Linger@dep.state.fl.us
(407) 897-4100

Project Name: SWF

Project Number: RQ- 2018-04-02-54

Site Location: Tilden & Starke
W. Adams Signature: Kurt Adams

Contract/PO # Flowers Lab - B16975

Sampler Names:

[illegible]

Special Instructions:

Samples are ambient water and not suspected to contain chlorine

Relinquished by:

Date	Time
------	------

Received by:

Date _____

1

Relinquished by: KATIE

0121 81/5/7

Received by: K. A. ...

Date 2015-11-11

Time	2:2	Time
------	-----	------

Temp	Comments
------	----------

Sample Containers Intact? ☒ Y ☐ N