



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Lake Tilden @ 165m NE of Center(2875B)

Date: 4/5/2018

(mm/dd/yyyy)

WIN/ Field ID: G1CE0088

WBID: 2875B

Latitude: 28.52145411

(Decimal Degrees)

County: Orange

ORG ID: 21 FL CEN

Longitude: -81.59316339

(Decimal Degrees)

Receiving Body of Water:

RQ-2018- 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 <u>SECCHI DISK LINE</u>			
									Equipment ID <u>KNOT HEAD</u>			
									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>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)	Sp COND (µmhos/cm)	Temp. (C°)		
EST	1010	2.8	0.3	0.5	7.53	89.2	7.32	0.11	224	23.83		
CEN			2.3		5.24	59.5	6.99	0.11	227	21.59		
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 ☒ H2SO4	SA7341020	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	☐ ME-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 @ 165m
NE of Center (2875B)



G1CE0088

Signature:

K. 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:

7A 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 →	dd	dd	Longitude	dd	dms	dd	dms	Comp	Grab	Collection (comp begin or grab)	Date	Time	Eastern	Central	Composite end	Date	Time	Bottle Group(s)
Field ID	Lake Tilden @ 140m NW of Center (2875B)																		
WIN/STORET #																			A
Latitude																			
Location	WIN ID / Field ID →																		
Field ID	Lake Tilden @ 165m NE of Center (2875B)																		
WIN/STORET #																			A
Latitude																			
Location	WIN ID / Field ID →																		
Field ID	Lake Tilden @ 150m SE of Center (2875B)																		
WIN/STORET #																			A
Latitude																			
Location	WIN ID / Field ID →																		
Field ID	Lake Tilden @ 225m S of Center (2875B)																		
WIN/STORET #																			A
Latitude																			

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
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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: 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: 21FACEN

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)	mg/L % sat	Eastern Central	Composite end Date	Time	Bottle Group(s)
Temp (C)	24.26	pH	9.18	Sample Depth	0.3	ft m	Sp. Conductance (umho/cm)	264	B
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)	mg/L % sat	Eastern Central	Composite end Date	Time	Bottle Group(s)
Temp (C)		pH	0.3	Sample Depth		ft m	Sp. Conductance (umho/cm)		C
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)	mg/L % sat	Eastern Central	Composite end Date	Time	Bottle Group(s)
Temp (C)		pH		Sample Depth		ft m	Sp. Conductance (umho/cm)		D
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)	mg/L % sat	Eastern Central	Composite end Date	Time	Bottle Group(s)
Temp (C)		pH		Sample Depth		ft m	Sp. Conductance (umho/cm)		
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)	mg/L % sat	Eastern Central	Composite end Date	Time	Bottle Group(s)
Temp (C)		pH		Sample Depth		ft m	Sp. Conductance (umho/cm)		
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
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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 CD-FLR-ECQ	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1 to Fluores
Group: B	Bottle Type: BP-1L CHLSUITE-W	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
Group: B	Bottle Type: P-500ML W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	# of Bottles: 1	Preservative: ICE And H2SO4		Enter Number of Bottles Sent to Lab	1
Group: B	Bottle Type: P-125ML W-PO4-F	# of Bottles: 1	Preservative: FILTER-ICE		Enter Number of Bottles Sent to Lab	1
Group: C	Bottle Type: P-1L ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS	# of Bottles: 1	Preservative: ICE		Enter Number of Bottles Sent to Lab	1
Group: C	Bottle Type: P-250ML-WI-THI CD-FLR-ECQ	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1 to Fluores
Group: C	Bottle Type: P-500ML W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	# of Bottles: 1	Preservative: ICE And H2SO4		Enter Number of Bottles Sent to Lab	1
Group: C	Bottle Type: P-125ML W-PO4-F	# of Bottles: 1	Preservative: FILTER-ICE		Enter Number of Bottles Sent to Lab	1
Group: D	Bottle Type: P-1L ALKALINITY	# of Bottles: 1	Preservative: ICE		Enter Number of Bottles Sent to Lab	1

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:

Smf

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

Site Location:

Site Location: Tilden & Starke
Williams Signature: K. Williams

Contract/PO # Flowers Lab - B16975

Sampler Names:

FIELD ID	Lab No. (Lab Use Only)	Date	Time Sampled	No. of Containers	Grab	Composite	Preservative				Matrix						Analyze For:		
							ICE	HCL	HNO3	NONE	Groundwater	Wastewater	Drinking Water	Surface Water	Escherichia Coli (ECQ)	Enterococci (ENQ)	Fecal Coliform (FC)		
G1CE0087		4/5/18	1000	1	X		X												
G1CE0088		4/5/18	1010	1	X		X							X					
G1CE0089		4/5/18	1018	1	X		X							X					
G1CE0090		4/5/18	1025	1	X		X							X					
G2CE0094		4/5/18	1115	1	X		X							X					
G2CE0094-DUP		4/5/18	1120	1	X		X							X					

Special Instructions:

Special Instructions:

Samples are ambient water and not suspected to contain chlorine

Relinquished by:

linquished by: 

Date	11
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Received by:

Received by: Valent Confort
Received by:

Date _____

Time

Comments

Relinquished by:

linquished by:

11/05/10	Date
12/10	Time

Received by:

Date 11/5

12.2

Temp _____
Upon Receipt *Ors*

Sample Containers Intact?