



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 Date: 3/5/18

WIN/ Field ID: G1CE0088 WBID: 2875B Latitude: 28.52145411

County: Orange ORG ID: 21 FL CEN Longitude: -81.59316339

Receiving Body of Water: _____ RQ-2018- 03-05-63

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
<u>Leif Bonham</u> <u>Katie Williams</u>									

Sampling Equipment		
☒ 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 / 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

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	1251	2.9	0.3	0.5	7.50	85.2	7.06	0.10	221	21.47
CEN			2.4		7.05	72.4	6.98	0.10	222	19.86

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 um 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			

Notes: _____ WIN ID / Field ID → Lake Tilden @ 165m NE of Center (2875B)



G1CE0088

Signature: K Williams Date: 3/5/18

Enter Field Parameters, Verify Station ID in LIMS DMT: Kmw 3/4/18 QC Station ID, Field Parameters in LIMS DMT: _____

Scan/Save Field Sheets _____ Migrate Data to WIN: _____ Verify Data in WIN: _____

**Florida Department of Environmental Protection
Central Laboratory Submittal Form**

last revised Jan 25, 2018

Customer: CEN-DIST

Project ID: SMP

Requester: Michael Linger

Field Report Prepared By:

Collected By:

Sampling Agency:

Location	WIN ID / Field ID →		G1CE0087		☐ dd ☐ dms ☐ dd ☐ dms		Latitude	
Field ID	Lake Tilden @ 140m NW of Center (2875B)							
WIN/STORE#								
☐ Comp ☒ Grab Collection (comp begin or grab) Date 3/5/18 Time 1240 ☐ Matrix (type, e.g., Salt, Fresh, etc) Diss. Oxygen 7.61 ☐ Temp (C) 21.62 pH 7.08 ☐ Salinity (ppt) 0.10 Comments ☐ Eastern ☒ Central Composite end Date ☐ mg/L ☐ % sat Total Res. Chlorine ☐ ft ☒ m Sp. Conductance (umho/cm) 222 Bottle Group(s) (See pg 2) A								
Location	WIN ID / Field ID →		G1CE0088		☐ dd ☐ dms ☐ dd ☐ dms		Latitude	
Field ID	Lake Tilden @ 165m NE of Center (2875B)							
WIN/STORE#								
☐ Comp ☒ Grab Collection (comp begin or grab) Date 3/5/18 Time 1251 ☐ Matrix (type, e.g., Salt, Fresh, etc) Diss. Oxygen 7.50 ☐ Temp (C) 21.47 pH 7.06 ☐ Salinity (ppt) 0.10 Comments ☐ Eastern ☒ Central Composite end Date ☐ mg/L ☐ % sat Total Res. Chlorine ☐ ft ☒ m Sp. Conductance (umho/cm) 221 Bottle Group(s) A								
Location	WIN ID / Field ID →		G1CE0089		☐ dd ☐ dms ☐ dd ☐ dms		Latitude	
Field ID	Lake Tilden @ 150m SE of Center (2875B)							
WIN/STORE#								
☐ Comp ☒ Grab Collection (comp begin or grab) Date 3/5/18 Time 1300 ☐ Matrix (type, e.g., Salt, Fresh, etc) Diss. Oxygen 7.41 ☐ Temp (C) 20.83 pH 7.05 ☐ Salinity (ppt) 0.10 Comments ☐ Eastern ☒ Central Composite end Date ☐ mg/L ☐ % sat Total Res. Chlorine ☐ ft ☒ m Sp. Conductance (umho/cm) 220 Bottle Group(s) A								
Location	WIN ID / Field ID →		G1CE0090		☐ dd ☐ dms ☐ dd ☐ dms		Latitude	
Field ID	Lake Tilden @ 225m S of Center (2875B)							
WIN/STORE#								
☐ Comp ☒ Grab Collection (comp begin or grab) Date 3/5/18 Time 1310 ☐ Matrix (type, e.g., Salt, Fresh, etc) Diss. Oxygen 7.67 ☐ Temp (C) 21.14 pH 7.09 ☐ Salinity (ppt) 0.10 Comments ☐ Eastern ☒ Central Composite end Date ☐ mg/L ☐ % sat Total Res. Chlorine ☐ ft ☒ m Sp. Conductance (umho/cm) 221 Bottle Group(s) A								

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
K. J. Jones	3/5/18 1600	FedEx	2	[Signature]	3-6-18 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: 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						

Mirror / Felter / Tilden X4

last revised Jan 25, 2018

Customer: CEN-DIST

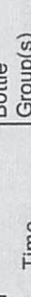
Project ID: SMP

Requester: Michael Linger

Field Report Prepared By:

Collected By:

Sampling Agency:

Location	WIN ID / Field ID → Lake Felter @ Center (2868B)		 G1CE0042		☐ dd ☐ dms		☐ dd ☐ dms		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 3/5/18 Time 1133		Eastern Central		Composite end Date		Bottle Group(s) (See pg 2)	
Field ID											Matrix (type, e.g., Salt, Fresh, etc) pH 6.61		Diss. Oxygen 6.64		Total Res. Chlorine			
WIN/STORET											Temp (C) 20.95		Sample Depth 0.3		Sp. Conductance (umho/cm) 130		B	
Latitude											Salinity (ppt) 0.06		Comments					
Location	WIN ID / Field ID → Mirror Lake @ Center of North Lobe (2868A)		 G1CE0041		☐ dd ☐ dms		☐ dd ☐ dms		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 3/5/18 Time 1045		Eastern Central		Composite end Date		Bottle Group(s)	
Field ID											Matrix (type, e.g., Salt, Fresh, etc) pH 7.42		Diss. Oxygen 9.21		Total Res. Chlorine			
WIN/STORET											Temp (C) 21.42		Sample Depth 0.3		Sp. Conductance (umho/cm) 157		B	
Latitude											Salinity (ppt) 0.07		Comments					
Location									☐ Comp ☐ Grab		Collection (comp begin or grab) Date		Eastern Central		Composite end Date		Bottle Group(s)	
Field ID											Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine			
WIN/STORET #											Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)	
Latitude											Salinity (ppt)		Comments					
Location									☐ Comp ☐ Grab		Collection (comp begin or grab) Date		Eastern Central		Composite end Date		Bottle Group(s)	
Field ID											Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine			
WIN/STORET #											Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)	
Latitude											Salinity (ppt)		Comments					
Location									☐ Comp ☐ Grab		Collection (comp begin or grab) Date		Eastern Central		Composite end Date		Bottle Group(s)	
Field ID											Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine			
WIN/STORET #											Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)	
Latitude											Salinity (ppt)		Comments					

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



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:

Project Number: RQ- 2018-03-05-63

Site Location:

Contract/PO # Flowers Lab - B16975

Sampler Names:

Signature:

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 (ECC)	Enterococci (ENQ)	Fecal Coliform (FC)	
61CE0097		3/5/18	1240	1	X			X										
61CE0098		3/5/18	1251	1	X			X						X				
61CE0099		3/5/18	1300	1	X			X						X				
61CE0090		3/5/18	1310	1	X			X						X				

Special Instructions:

Special Instructions:

Samples are ambient water and not suspected to contain chlorine

Relinquished by:

Date _____

Time

[illegible]

①

Relinquished by: KV

3/5/18

515

1

1

Date 3/5

Date _____

Time

Time

Comments

Relinquished by:

8/5/18 Date

51-

0

6

0

0

✓

✓

Temp

Temp

Sample Containers Intact?

Sample Containers Intact?