FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified? Yes / (No)

WIN Station Name: Lake Felter @ Center **Date:** 3/5/18 (mm/dd/yyyy)

WIN/ Field ID: G1CE0042 **WBID:** 2868B **Latitude:** 28.519477 (Decimal Degrees)

County: Lake **ORG ID:** 21 FL CEN **Longitude:** -81.722680 (Decimal Degrees)

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

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Leif Bowman		✓	✓	✓	✓
Katie Williams	✓				

Sampling Equipment
- [x] Sample Container [ ] Van Dorn [ ] Pole
- [ ] Carboy [x] Syringe
- [ ] Dipper [ ] Other _____
- Depth Measured with: SECCHI DISK LINE
- Equipment ID: _____

Collection Method
- [ ] Wading [ ] Canoe/Kayak
- [ ] From Shore [ ] Electric Motor
- [ ] Other _____ [x] Gasoline Motor

Water Level: Dry/ Pooled/ Low / (Normal) / High / Flooded

Meter ID# Betty 67

Matrix: (Fresh) / Marine / DI

Photos: Yes / (No)

Flow: No Flow / Intestital / Flowing / (NA)

Tide: Rising/ Falling/ Slack/ (NA)

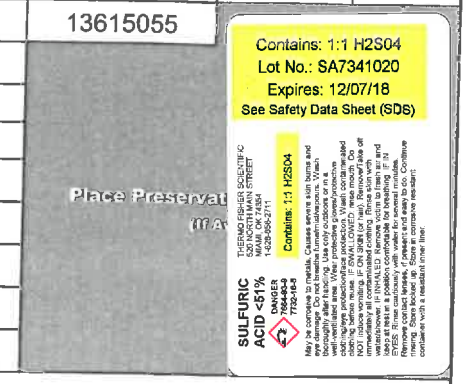
Tide Times: High _____ Low _____

Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPTh)	Sp COND (µmhos/cm)	Temp. (C°)
(EST)	1133	4.6	0.3	1.6	6.64	74.4	6.61	0.06	130	20.95
CEN			4.1		0.51	5.2	6.31	0.06	138	17.09

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	[x] W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	[x] Ice [ ] H_2SO_4	SA7341020	12/7/18	[x] <2
Metals	[ ] W-ICPMS [ ] W-ICP	[ ] Ice [ ] HNO_3			[ ] <2
Filtered Nutrients	[x] W-PO4-F [x] Field Filtered 0.45 µm Filter	[x] Ice	13615055		
Chlorophyll	[x] CHLSUITE-W	[x] Ice			
Physical/Aggregate (Fresh)	[x] Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS	[x] 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 Felter @ Center (2868B)

Signature: Katie Williams **Date:** 3/5/18

Enter Field Parameters, Verify Station ID In LIMS DMT: KMW 3/6/18 (Initials/Date) QC Station ID, Field Parameters In LIMS DMT: _____ (Initials/Date)

Scan/Save Field Sheets _____ (Initials/Date) Migrate Data to WIN: _____ (Initials/Date) Verify Data In WIN: _____ (Initials/Date)

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

Mirror / Felter / Tilden X4

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: Katie Williams

Collected By: Leif Boman, Katie Williams

Sampling Agency: 21FLCEN

WIN ID / Field ID → G1CE0087

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

Field ID:

WIN/STORET:

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 3/5/18 Time 1240 | Eastern / Central | Composite end Date Time | Bottle Group(s) (See pg 2): A

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 7.61 ☑ mg/L ☐ % sat | Total Res. Chlorine (mg/L) —

Temp (C) 21.62 | pH 7.08 | Sample Depth 0.3 ☐ ft ☑ m | Sp. Conductance (umho/cm) 222

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms | Salinity (ppt) 0.10 | Comments

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WIN ID / Field ID → G1CE0088

Location: Lake Tilden @ 165m NE of Center (2875B)

Field ID:

WIN/STORET:

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 3/5/18 Time 1251 | Eastern / Central | Composite end Date Time | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 7.50 ☑ mg/L ☐ % sat | Total Res. Chlorine (mg/L) —

Temp (C) 21.47 | pH 7.06 | Sample Depth 0.3 ☐ ft ☑ m | Sp. Conductance (umho/cm) 221

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms | Salinity (ppt) 0.10 | Comments

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WIN ID / Field ID → G1CE0089

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

Field ID:

WIN/STORET #:

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 3/5/18 Time 1300 | Eastern / Central | Composite end Date Time | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 7.41 ☑ mg/L ☐ % sat | Total Res. Chlorine (mg/L) —

Temp (C) 20.83 | pH 7.05 | Sample Depth 0.3 ☐ ft ☑ m | Sp. Conductance (umho/cm) 220

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms | Salinity (ppt) 0.10 | Comments

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WIN ID / Field ID → G1CE0090

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

Field ID:

WIN/STORET #:

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 3/5/18 Time 1310 | Eastern / Central | Composite end Date Time | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 7.67 ☑ mg/L ☐ % sat | Total Res. Chlorine (mg/L) —

Temp (C) 21.14 | pH 7.09 | Sample Depth 0.3 ☐ ft ☑ m | Sp. Conductance (umho/cm) 221

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms | Salinity (ppt) 0.10 | Comments

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Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
K Williams	3/5/18 1600	FedEx	2		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						

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

Mirror / Felter / Tilden X4

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: Katie Williams

Collected By: Leif Boman, Katie Williams

Sampling Agency: FDEP CEN

Location: WIN ID / Field ID → Lake Felter @ Center (2868B)

G1CE0042

Field ID:

WIN/STORET:

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 3/5/18 Time 1133 | Eastern / Central | Composite end Date Time | Bottle Group(s) (See pg 2): B

Matrix (type, e.g., Salt, Fresh, etc): Fresh

Diss. Oxygen: 6.64 ☐ mg/L ☐ % sat | Total Res. Chlorine (mg/L): —

Temp (C): 20.95 | pH: 6.61 | Sample Depth: 0.3 ☐ ft ☑ m | Sp. Conductance (umho/cm): 130

Salinity (ppt): 0.06 | Comments:

Location: WIN ID / Field ID → Mirror Lake @ Center of North Lobe (2868A)

G1CE0041

Field ID:

WIN/STORET:

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 3/5/18 Time 1045 | Eastern / Central | Composite end Date Time | Bottle Group(s): B

Matrix (type, e.g., Salt, Fresh, etc): Fresh

Diss. Oxygen: 9.21 ☐ mg/L ☐ % sat | Total Res. Chlorine (mg/L): —

Temp (C): 21.42 | pH: 7.42 | Sample Depth: 0.3 ☐ ft ☑ m | Sp. Conductance (umho/cm): 157

Salinity (ppt): 0.07 | Comments:

Location:

Field ID:

WIN/STORET #:

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☐ Grab | Collection (comp begin or grab) Date Time | Eastern / Central | Composite end Date Time | Bottle Group(s)

Matrix (type, e.g., Salt, Fresh, etc)

Diss. Oxygen ☐ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) | pH | Sample Depth ☐ ft ☐ m | Sp. Conductance (umho/cm)

Salinity (ppt) | Comments:

Location:

Field ID:

WIN/STORET #:

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☐ Grab | Collection (comp begin or grab) Date Time | Eastern / Central | Composite end Date Time | Bottle Group(s)

Matrix (type, e.g., Salt, Fresh, etc)

Diss. Oxygen ☐ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) | pH | Sample Depth ☐ ft ☐ m | Sp. Conductance (umho/cm)

Salinity (ppt) | Comments

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
KWilliams	3/5/18 1600	FedEx	2	JR	3-6-18 10:1 / 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:	BP-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	CHLSUITE-W						
Group: B	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	2
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: B	Bottle Type:	P-125ML	# of Bottles: 2	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	2
	W-PO4-F						

CONTRACT LAB - CHAIN OF CUSTODY

Client Name: Department of Environmental Protection
Address: 3319 Maguire Blvd Suite 232, Orlando, FL 32803
Project Manager: Natalie Ayala / Michael Linger / Kalina Warren
E-Mail: Michael.Linger@dep.state.fl.us
Telephone Number: (407) 897-4100

Project Name: SMP
Project Number: RQ- 2018-03-05-63
Site Location: Lake Tibet

Contract/PO # Flowers Lab - B16975
Sampler Names: Katie Williams
Signature: K Williams

FIELD ID	Lab No. (Lab Use Only)	Date	Time Sampled	No. of Containers	Grab	Composite	Preservative: ICE	HCL	HNO3	NONE	Matrix: Groundwater	Wastewater	Drinking Water	Surface Water	Escherichia Coli (ECQ)	Analyze For: Enterococci (ENQ)	Fecal Coliform (FC)	
GICE0087		3/5/18	1240	1	X		X							X	X			
GICE0088		3/5/18	1251	1	X		X							X	X			
GICE0089		3/5/18	1300	1	X		X							X	X			
GICE0090		3/5/18	1310	1	X		X							X	X			

Special Instructions:
Samples are ambient water and not suspected to contain chlorine

Relinquished by:	Date	Time	Received by:	Date	Time	Comments
K Williams	3/5/18	1415		3/5	14:15	Temp Upon Receipt :
Relinquished by:	Date	Time	Received by:	Date	Time	Sample Containers Intact? Y N