FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified? Yes / (No)

WIN Station Name: Greenwood Lake West Lobe @ 110m N of Reflection Park boat ramp **Date:** 1/29/18 (mm/dd/yyyy)

WIN/ Field ID: G2CE0135 **WBID:** 2986F **Latitude:** 28.736398168 (Decimal Degrees)

County: Seminole **ORG ID:** 21FLEN **Longitude:** -81.3542124 (Decimal Degrees)

Receiving Body of Water: _____ **RQ-2018-** 01-15-32

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 _____
- Equipment ID _____

Collection Method
- [ ] Wading [ ] Canoe/Kayak
- [ ] From Shore [x] 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 / 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)	1237	2.5	0.3	0.7	10.87	119.5	7.58	0.08	172	19.93
CEN			2.0		7.88	81.7	6.98	0.08	175	17.01

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 [x] H_2SO_4	SA7275010	10/18	[x] <2
Metals	[ ] W-ICPMS [x] W-ICP	[ ] Ice [x] HNO_3	NA7226050	8/18	[x] <2
Filtered Nutrients	[x] W-PO4-F [x] Field Filtered 0.45 µm Filter	[ ] Ice			
Chlorophyll	[x] CHLSUITE-W	[ ] Ice			
Physical/Aggregate (Fresh)	[x] 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	[x] 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 →

Greenwood Lake West Lobe @ 110m N of Reflection Park boat ramp (2986F)

G2CE0135

Signature: Kwilliams **Date:** 1/29/18

Enter Field Parameters, Verify Station ID In LIMS DMT: Kmw 2/2/18 (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-2018-01-15-32

Greenwood X3 / Minnie / Noname

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 3, 2018

Customer: CEN-DIST

Project ID: SMP

Requester: Michael Linger

Collected By: Leif Boman / Katie Williams

Field Report Prepared By: Katie Williams

Sampling Agency: FDEP - CEROC

Location: **WIN ID / Field ID →** Greenwood Lake West Lobe @ Center (2986F)

G2CE0112

Field ID / WIN/STORET #

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 1/29/18 Time 1305 Eastern Central | Composite end Date Time | Bottle Group(s) (See pg 2): A/B

Matrix (type, e.g., Salt, Fresh, etc): | Diss. Oxygen 11.66 ☑ mg/L ☐ % sat | Total Res. Chlorine (mg/L) —

Temp (C) 18.85 | pH 8.04 | Sample Depth 0.3 ☐ ft ☑ m | Sp. Conductance (umho/cm) 170

Salinity (ppt) 0.08 | Comments

Location: **WIN ID / Field ID →** Greenwood Lake West Lobe @ 250m SW of center (2986F)

G2CE0136

Field ID / WIN/STORET

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 1/29/18 Time 1250 Eastern Central | Composite end Date Time | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc): | Diss. Oxygen 11.14 ☑ mg/L ☐ % sat | Total Res. Chlorine (mg/L) —

Temp (C) 19.04 | pH 7.73 | Sample Depth 0.3 ☐ ft ☑ m | Sp. Conductance (umho/cm) 172

Salinity (ppt) 0.08 | Comments

Location: **WIN ID / Field ID →** Greenwood Lake West Lobe @ 110m N of Reflection Park boat ramp (2986F)

G2CE0135

Field ID / WIN/STORET

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 1/29/18 Time 1237 Eastern Central | Composite end Date Time | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc): | Diss. Oxygen 10.87 ☑ mg/L ☐ % sat | Total Res. Chlorine (mg/L) —

Temp (C) 19.93 | pH 7.58 | Sample Depth 0.3 ☐ ft ☑ m | Sp. Conductance (umho/cm) 172

Salinity (ppt) 0.08 | Comments

Location: **WIN ID / Field ID →** Lake Minnie @ Center (2962C)

G2CE0108

Field ID / WIN/STORET

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 1/29/18 Time 1150 Eastern Central | Composite end Date Time | Bottle Group(s): C

Matrix (type, e.g., Salt, Fresh, etc): | Diss. Oxygen 8.91 ☑ mg/L ☐ % sat | Total Res. Chlorine (mg/L) —

Temp (C) 18.56 | pH 7.08 | Sample Depth 0.3 ☐ ft ☑ m | Sp. Conductance (umho/cm) 248

Salinity (ppt) 0.12 | Comments

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
MKL	1/29/18 1600	Fed Ex	3	Tyler Reynolds	01/30/18 10:00

☆ Please add an additional Bottle Group C

Group: A	Bottle Type:	P-1L	# of Bottles: 3	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	3
	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: 3	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	3 to Flowers
	CD-FLR-ECQ						
Group: A	Bottle Type:	BP-1L	# of Bottles: 3	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	3
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	HNO3	**Enter Number of Bottles Sent to Lab**	3
	W-ICP W-ICPMS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	ICE And H2SO4	**Enter Number of Bottles Sent to Lab**	3
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 3	Preservative:	FILTER-ICE	**Enter Number of Bottles Sent to Lab**	3
	W-PO4-F						
Group: B	Bottle Type:	BG-1L	# of Bottles: 2	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	2
	W-AHERB-AA W-GLYPH W-PYR-AA-R W-SUC-AA-R W-UHERB-AA						
Group: B	Bottle Type:	BG-1L	# of Bottles: 1	Preservative:	CH2ClCOOH Pre-Preserved	**Enter Number of Bottles Sent to Lab**	1
	W-CAB-AA-R						
Group: B	Bottle Type:	BG-500ML	# of Bottles: 4	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	4

Group: B	Bottle Type: W-CT-CI-R W-PCL-SQ-R	BG-500ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
Group: B	Bottle Type: W-PSNP-TQ	BG-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
Group: C	Bottle Type: ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS	P-1L	# of Bottles: ~~*~~ 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
Group: C	Bottle Type: CD-FLR-ECQ	P-250ML-WI-THI	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3 + Flowers
Group: C	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
Group: C	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 3	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	3
Group: C	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 3	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	3

* Please add an additional Bottle Group C

Request Number: RQ-2018-01-15-32

Greenwood X3 / Minnie / Noname

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 3, 2018

Customer: CEN-DIST

Project ID: SMP

Requester: Michael Linger

Collected By: Leif Boman / Katie Williams

Field Report Prepared By: Katie Williams

Sampling Agency: FDEP CE-ROC

Location: WIN ID / Field ID → Noname Lake @ Center (2999B) — G2CE0068

Field ID:

WIN/STORET #:

Latitude ☐ dd ☐ dms | **Longitude** ☐ dd ☐ dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 1/29/18 Time 1035 Eastern Central | Composite end Date Time | Bottle Group(s) (See pg 2): C

Matrix (type, e.g., Salt, Fresh, etc): | Diss. Oxygen: 9.2 ☑ mg/L ☐ % sat | Total Res. Chlorine (mg/L):

Temp (C): 19.35 | pH: 6.57 | Sample Depth: 0.3 ☐ ft ☑ m | Sp. Conductance (umho/cm): 118

Salinity (ppt): | Comments: CD-FLR-ECQ sent to contract lab

Location: WIN ID / Field ID → Lake Yvonne @ Center (3000B) — G2CE0095

Field ID:

WIN/STORET #:

Latitude ☐ dd ☐ dms | **Longitude** ☐ dd ☐ dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 1/29/18 Time 1410 Eastern Central | Composite end Date Time | Bottle Group(s): C

Matrix (type, e.g., Salt, Fresh, etc): | Diss. Oxygen: 10.44 ☑ mg/L ☐ % sat | Total Res. Chlorine (mg/L):

Temp (C): 20.0 | pH: 7.76 | Sample Depth: 0.3 ☐ ft ☑ m | Sp. Conductance (umho/cm): 206

Salinity (ppt): | Comments: CD-FLR-ECQ sent to contract lab

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
MKL	1/29/18 1600	FedEx	3	Tyler Reynolds	01/30/18 10:00

* Please add an additional Bottle Group C

Group: A	Bottle Type:	P-1L	# of Bottles: 3	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	3
	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: 3	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	3 sent to contract lab
	CD-FLR-ECQ						
Group: A	Bottle Type:	BP-1L	# of Bottles: 3	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	3
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	HNO3	**Enter Number of Bottles Sent to Lab**	3
	W-ICP W-ICPMS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	ICE And H2SO4	**Enter Number of Bottles Sent to Lab**	3
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 3	Preservative:	FILTER-ICE	**Enter Number of Bottles Sent to Lab**	3
	W-PO4-F						
Group: B	Bottle Type:	BG-1L	# of Bottles: 2	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	2
	W-AHERB-AA W-GLYPH W-PYR-AA-R W-SUC-AA-R W-UHERB-AA						
Group: B	Bottle Type:	BG-1L	# of Bottles: 1	Preservative:	CH2ClCOOH Pre-Preserved	**Enter Number of Bottles Sent to Lab**	1
	W-CAB-AA-R						
Group: B	Bottle Type:	BG-500ML	# of Bottles: 4	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	4

Group: B	Bottle Type: W-CT-CI-R W-PCL-SQ-R	BG-500ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab 4
Group: B	Bottle Type: W-PSNP-TQ	BG-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab 4
Group: C	Bottle Type: ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS	P-1L	# of Bottles: ~~2~~ 3 *	Preservative:	ICE	Enter Number of Bottles Sent to Lab 3
Group: C	Bottle Type: CD-FLR-ECQ	P-250ML-WI-THI	# of Bottles: ~~2~~ 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab ~~2~~ 3 sent to contract lab
Group: C	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: ~~2~~ 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab 3
Group: C	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: ~~2~~ 3	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab 3
Group: C	Bottle Type: W-PO4-F	P-125ML	# of Bottles: ~~2~~ 3	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab 3

* Please add an additional Bottle Group C

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-2018-01-15-32
Site Location: Lakes Yvonne, Greenwood, Mann

Contract/PO # Flowers Lab - B16975 **Sampler Names:** Katie Williams, Leif Bowman (Nonactive) **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)	
GZCE0095		1/29/18	1410	1	X		X							X	X			
GZCE0112		1/29/18	1305	1	X		X							X	X			
GZCE0136		1/29/18	1250	1	X		X							✓	X			
GZCE0135		1/29/18	1237	1	X		X							X	X			
GZCE0108		1/29/18	1150	1	X		X							X	X			
GZCE0066		1/29/18	1035	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	1/29/18	1445	[illegible]	1/29	14:45	Temp Upon Receipt: 4.5°C
Relinquished by:	Date	Time	Received by:	Date	Time	Sample Containers Intact? (Y) N