



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?
Yes ☒ No ☐

WIN Station Name: Greenwood Lake West Lobe @ 250m SW of Center Date: 1/29/18
WIN/ Field ID: G2CE0136 WBID: 2986F Latitude: 28.74050839
County: Seminole ORG ID: 21FLEN Longitude: -81.3542354
Receiving Body of Water: _____ RQ-2018-01-15-32

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
List Boman										
Katie Williams										

Sampling Equipment									
☒ Sample Container	☐ Van Dorn	☐ Pole							
☐ Carboy	☒ Syringe								
☐ Dipper	☐ Other								
Depth Measured with _____									
Equipment ID _____									

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: <u>Yes</u> / No Flow: <u>No Flow</u> / Intestinal / Flowing <u>NA</u> Tide: <u>Rising</u> / 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°)
<u>EST</u>	<u>1250</u>	<u>1.8</u>	<u>0.3</u>	<u>0.7</u>	<u>11.14</u>	<u>120.5</u>	<u>7.73</u>	<u>0.08</u>	<u>172</u>	<u>19.04</u>
<u>CEN</u>			<u>1.3</u>		<u>9.48</u>	<u>98.8</u>	<u>7.18</u>	<u>0.08</u>	<u>173</u>	<u>17.42</u>

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	<u>SAT275010</u>	<u>10/18</u>	☒
Metals	☐ W-ICPMS ☒ W-ICP	☒ Ice ☐ HNO3	<u>NA7226050</u>	<u>8/18</u>	☒
Filtered Nutrients	☐ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice			
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			

Place Preservative Sticker(s) Here (If Available)

Notes:

WIN ID / Field ID →

Greenwood Lake West
Lobe @ 250m SW of
center (2986F)



G2CE0136

Signature: KW Williams

Date: 1/29/18

Enter Field Parameters, Verify Station ID in LIMS DMT: Kmw 2/2/18

QC Station ID, Field Parameters in LIMS DMT:

Scan/Save Field Sheets (Initials/Date)

Migrate Data to WIN: (Initials/Date)

(Initials/Date)

Verify Data in WIN: (Initials/Date)

(Initials/Date)

(Initials/Date)

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: CEN-DIST

Project ID: SMP

Requester: Michael Linger

Field Report Prepared By: Katie Williams

Collected By: Leif Berman/Katie Williams

Sampling Agency: FDEP - CEROC

Location	WIN ID / Field ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)
Field ID	Greenwood Lake West Lobe @ Center (2986F)		Date 1/29/18	Time 1305	Diss. Oxygen 11.66		(See pg 2)
WIN/STORET #					Total Res. Chlorine (mg/L)		
Latitude	dd	Longitude dms	Temp (C) 18.85	pH 8.04	Sample Depth 0.3	Sp. Conductance (umho/cm) 170	A/B
	☐ dd	☐ dms	Salinity (ppt) 0.08	Comments			
Location	WIN ID / Field ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)
Field ID	Greenwood Lake West Lobe @ 250m SW of center (2986F)		Date 1/25/18	Time 1250	Diss. Oxygen 11.14		
WIN/STORET #					Total Res. Chlorine (mg/L)		
Latitude	dd	Longitude dms	Temp (C) 19.04	pH 7.73	Sample Depth 0.3	Sp. Conductance (umho/cm) 172	A
	☐ dd	☐ dms	Salinity (ppt) 0.08	Comments			
Location	WIN ID / Field ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)
Field ID	Greenwood Lake West Lobe @ 110m N of Reflection Park boat ramp (2986F)		Date 1/29/18	Time 1237	Diss. Oxygen 10.87		
WIN/STORET #					Total Res. Chlorine (mg/L)		
Latitude	dd	Longitude dms	Temp (C) 19.93	pH 7.58	Sample Depth 0.3	Sp. Conductance (umho/cm) 172	A
	☐ dd	☐ dms	Salinity (ppt) 0.08	Comments			
Location	WIN ID / Field ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)
Field ID	Lake Minnie @ Center (2962C)		Date 1/29/18	Time 1150	Diss. Oxygen 8.91		
WIN/STORET #					Total Res. Chlorine (mg/L)		
Latitude	dd	Longitude dms	Temp (C) 18.56	pH 7.08	Sample Depth 0.3	Sp. Conductance (umho/cm) 248	C
	☐ dd	☐ dms	Salinity (ppt) 0.12	Comments			

Relinquished By: MKL

Date/Time 1/29/18

Shipping Method Fed Ex

Number of Coolers Shipped: 3

Received By: Tyler Reynolds

Date/Time 01/30/18

★ Please add an additional Bottle Group C

10:00

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: 4 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
Group: C	Bottle Type: CD-FLR-ECQ	P-250ML-WI-THI	# of Bottles: 4 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3 to Flowers
Group: C	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 4 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: 4 3	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	3
Group: C	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 4 3	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	3

★ Please add an additional Bottle Group C

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: CEN-DIST

Project ID: SMP

Requester: Michael Linger

Field Report Prepared By: Katie Williams

Collected By: Leif Boman / Kate Williams

Sampling Agency: FDEP

CE-ROC

Location	WIN ID / Field ID →		Latitude		Longitude		Collection (comp begin or grab)		Comp		Date		Time		Composite end		Bottle Group(s)	
Field ID	Noname Lake @ Center (2999B)		☐ dd ☐ dms		☐ dd ☐ dms		☒ Grab		☒ Grab		Date		Time		Date		(See pg 2)	
WIN/STORET #							Matrix (type, e.g., Salt, Fresh, etc)		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		9.2		mg/L Total Res. Chlorine			
Latitude							Temp (C)		19, 35		pH		6.57		Sample Depth		0.3	
Longitude							Salinity (ppt)								ft Sp. Conductance (umho/cm)		118	
Location	WIN ID / Field ID →		Latitude		Longitude		Collection (comp begin or grab)		Comp		Date		Time		Composite end		Bottle Group(s)	
Field ID	Lake Yvonne @ Center (3000B)		☐ dd ☐ dms		☐ dd ☐ dms		☒ Grab		☒ Grab		Date		Time		Date		(See pg 2)	
WIN/STORET #							Matrix (type, e.g., Salt, Fresh, etc)		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		10.44		mg/L Total Res. Chlorine			
Latitude							Temp (C)		20.0		pH		7.76		Sample Depth		0.3	
Longitude							Salinity (ppt)								ft Sp. Conductance (umho/cm)		206	
Location	WIN ID / Field ID →		Latitude		Longitude		Collection (comp begin or grab)		Comp		Date		Time		Composite end		Bottle Group(s)	
Field ID			☐ dd ☐ dms		☐ dd ☐ dms		☒ Grab		☒ Grab		Date		Time		Date		(See pg 2)	
WIN/STORET #							Matrix (type, e.g., Salt, Fresh, etc)		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen				mg/L Total Res. Chlorine			
Latitude							Temp (C)				pH				Sample Depth			
Longitude							Salinity (ppt)								ft Sp. Conductance (umho/cm)			
Location	WIN ID / Field ID →		Latitude		Longitude		Collection (comp begin or grab)		Comp		Date		Time		Composite end		Bottle Group(s)	
Field ID			☐ dd ☐ dms		☐ dd ☐ dms		☒ Grab		☒ Grab		Date		Time		Date		(See pg 2)	
WIN/STORET #							Matrix (type, e.g., Salt, Fresh, etc)		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen				mg/L Total Res. Chlorine			
Latitude							Temp (C)				pH				Sample Depth			
Longitude							Salinity (ppt)								ft Sp. Conductance (umho/cm)			
Location	WIN ID / Field ID →		Latitude		Longitude		Collection (comp begin or grab)		Comp		Date		Time		Composite end		Bottle Group(s)	
Field ID			☐ dd ☐ dms		☐ dd ☐ dms		☒ Grab		☒ Grab		Date		Time		Date		(See pg 2)	
WIN/STORET #							Matrix (type, e.g., Salt, Fresh, etc)		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen				mg/L Total Res. Chlorine			
Latitude							Temp (C)				pH				Sample Depth			
Longitude							Salinity (ppt)								ft Sp. Conductance (umho/cm)			

Relinquished By: MKL

Date/Time: 1/29/18

Shipping Method: FedEx

1600

Number of Coolers Shipped: 3

Received By: Tyler Reynolds

Date/Time: 01/30/18

* Please add an additional Bottle Group C

10:00

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: 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 sent to contract lab
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



CONTRACT LAB - CHAIN OF CUSTODY

Client Name:
Address:
Project Manager:
E-Mail:
Telephone Number:

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:

SMP

Project Number:

RQ-2019-01-15-32

Site Location:

Lakes Younger, Greenwood, Miami
Nonch
Signature: K. Williams

Contract/PO # Flowers Lab - B16975

Sampler Names:

Katie Williams, Jeff Berman

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)
GZCE0095		1/29/16	1410	1	X		X			NONE				X	X		
GZCE0112		1/29/16	1305	1	X		X						X	X	X		
GZCE0136		1/29/16	1250	1	X		X						X	X	X		
GZCE0135		1/29/16	1237	1	X		X						X	X	X		
GZCE0108		1/29/16	1150	1	X		X						X	X	X		
GZCE0068		1/29/16	1035	1	X		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	
						Temp Upon Receipt:	Sample Containers Intact?
K. Williams	1/29/16	1445	MM	1/29	14:45	4.5°C	(4) N