



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Goose Lake

Date: 02/27/2018
(mm/dd/yyyy)

WIN/ Field ID: 20030980

WBID: 25436

Latitude: 29.6988
(Decimal Degrees)

County: Putnam

ORG ID: 21FLA

Longitude: 81.9802
(Decimal Degrees)

Receiving Body of Water: Long Lake Drain

RQ-2018- 02-26-15

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Sofarrish						X	X	X	X
					X		X	X	

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☐ Pole
☐ Carboy	☐ Syringe	
☐ Dipper	☐ Other	
Depth Measured with <u>Secchi Disc</u>		
Equipment ID <u>ORT10 #3</u>		
Collection Method		
☐ Wading	☒ Canoe/Kayak	
☐ From Shore	☐ Electric Motor	
☐ Other	☐ Gasoline Motor	

Water Level: Dry/ Pooled/ Low / Normal High / Flooded Meter ID# QUANTA #1 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 (µmhos/cm)	Temp. (C°)
EST	1140	3.0	0.3	0.3	3.84	44.0	4.6	0.03	57	22.4
CEN	1155		2.5		3.97	45.7	4.6	0.03	57	22.2

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	SA734/020	12-07-18	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☐ Ice	R7KA1212		
Chlorophyll	☒ CHLSUITE-W	☒ Ice			
Physical/Aggregate (Fresh)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / 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:

Field ID
WIN ID



20030980

GOOSE LAKE

Signature: [Signature]

Date: 2/27/18

Enter Field Parameters, Verify Station ID In LIMS DMT: [Signature]

QC Station ID, Field Parameters In LIMS DMT: BD 3/6/18

can/Save Field Sheets BD 3/6/18

Migrate Data to WIN: [Signature]

Verify Data In WIN: [Signature]

(Initials/Date)

(Initials/Date)

(Initials/Date)

QA/QC Sample Information

Duplicate

Time Zone: EST CEN		Sample Depth (m): _____		Field ID: _____	
Time: _____		Total Depth (m): _____			
Parameter Suite	Parameter Methods	Preservation	Lot#	Expiration	pH Check
Preserved Nutrients	☐ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☐ Ice ☐ H ₂ SO ₄			☐ < 2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO ₃			☐ < 2
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-CI-IC / W-COLOR / W-SO4-IC / W-TDS	☐ Ice			
Physical/Aggregate (Marine)	☐ Alkalinity / W-F / W-TSS / TURBIDITY	☐ 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-AHERB-AA ☐ W-PYR-AA-R ☐ W-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Ice ☐ Other _____			

Place Preservative Sticker(s) Here
(If Available)

Blank

Time Zone: EST CEN		Time: <u>1005</u>		Field ID: _____	
DI Source: NE ROC LAB		Location: <u>@ Lake Norman</u>			
☒ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank		Equipment ID: ORTHO # 3			
Parameter Suite	Parameter Methods	Preservation	Lot#	Expiration	pH Check
Preserved Nutrients	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☒ Ice ☒ H ₂ SO ₄	<u>SA7341020</u>	<u>12-07-18</u>	☒ < 2
Metals	☒ W-ICPMS ☒ W-ICP	☒ Ice ☒ HNO ₃	<u>NA7261120</u>	<u>09-18-18</u>	☒ < 2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	<u>RKA12512</u>		
Chlorophyll	☒ CHLSUITE-W	☒ Ice			
Physical/Aggregate (Fresh)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CI-IC / W-COLOR / W-SO4-IC / W-TDS	☒ Ice			
Physical/Aggregate (Marine)	☒ Alkalinity / W-F / W-TSS / TURBIDITY	☒ 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-AHERB-AA ☐ W-PYR-AA-R ☐ W-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Other _____			

Contains: 1:1 H2SO4
Lot No.: SA7341020
Expires: 12/07/18
See Safety Data Sheet (SDS)

Contains
1:1
Nitric Acid
NA-7261120
EXP: 09/18/18
See SDS

Notes:

Field Blank RQ-2018-02-26-15



Signature: _____	Date: _____
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Field Parameters Entered into LIMS: _____ (Initials/Date)	Field Parameters QC in LIMS: _____ (Initials/Date)
Date Migrated to STORET: _____ (Initials/Date)	Field Sheets Scanned/Saved: _____ (Initials/Date)

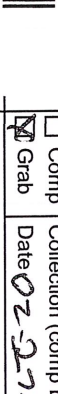
CHAIN OF CUSTODY / LABORATORY ANALYSIS REQUEST FORM

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ALS Contact: Jerry Allen

[illegible]

P. O'Connor
DEAR NED RO

Location	Field ID WIN ID			☐ Comp ☒ Grab	Collection (comp begin or grab) Date	Time	Eastern Central	Composite end Date	Time	Bottle Group(s) (See pg 2)
Field ID	20030960			Matrix (type, e.g., Salt, Fresh, etc)	Surface water Fresh		Diss. Oxygen 3.84	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	Attk
WIN/STORET	GOOSE LAKE	Temp (C)	22.4	pH	4.6	Sample Depth	0.3 m	Sp. Conductance (umho/cm)	57	A+C
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	0.03	Comments	DO% 44.0			
Location	Field Blank RQ-2018-02-26-15			☐ Comp ☒ Grab	Collection (comp begin or grab) Date	Time	Eastern Central	Composite end Date	Time	Bottle Group(s)
Field ID				Matrix (type, e.g., Salt, Fresh, etc)	DEIONIZED WATER		Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	Attk B
WIN/STORE	Temp (C)			pH		Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments					
Location				☐ Comp ☐ Grab	Collection (comp begin or grab) Date	Time	Eastern Central	Composite end Date	Time	Bottle Group(s)
Field ID				Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen		☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		
WIN/STORET #	Temp (C)			pH		Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments					
Location				☐ Comp ☐ Grab	Collection (comp begin or grab) Date	Time	Eastern Central	Composite end Date	Time	Bottle Group(s)
Field ID				Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen		☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		
WIN/STORET #	Temp (C)			pH		Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments					
Location				☐ Comp ☐ Grab	Collection (comp begin or grab) Date	Time	Eastern Central	Composite end Date	Time	Bottle Group(s)
Field ID				Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen		☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		
WIN/STORET #	Temp (C)			pH		Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments					
Location				☐ Comp ☐ Grab	Collection (comp begin or grab) Date	Time	Eastern Central	Composite end Date	Time	Bottle Group(s)
Field ID				Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen		☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		
WIN/STORET #	Temp (C)			pH		Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments					
Location				☐ Comp ☐ Grab	Collection (comp begin or grab) Date	Time	Eastern Central	Composite end Date	Time	Bottle Group(s)
Field ID				Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen		☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		
WIN/STORET #	Temp (C)			pH		Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments					
Location				☐ Comp ☐ Grab	Collection (comp begin or grab) Date	Time	Eastern Central	Composite end Date	Time	Bottle Group(s)
Field ID				Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen		☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		
WIN/STORET #	Temp (C)			pH		Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments					
Location				☐ Comp ☐ Grab	Collection (comp begin or grab) Date	Time	Eastern Central	Composite end Date	Time	Bottle Group(s)
Field ID				Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen		☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		
WIN/STORET #	Temp (C)			pH		Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments					
Location				☐ Comp ☐ Grab	Collection (comp begin or grab) Date	Time	Eastern Central	Composite end Date	Time	Bottle Group(s)
Field ID				Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen		☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		
WIN/STORET #	Temp (C)			pH		Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments					
Location				☐ Comp ☐ Grab	Collection (comp begin or grab) Date	Time	Eastern Central	Composite end Date	Time	Bottle Group(s)
Field ID				Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen		☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		
WIN/STORET #	Temp (C)			pH		Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)		
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments					
Location				☐ Comp ☐ Grab	Collection (comp begin or grab) Date					

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: NE-DIST

Project ID: SMP

Requester: Jeremy M. Parrish

Collected By:

J. Parrish, P. O'Connor

Field Report Prepared By:

Sampling Agency:

P. O'Connor
DEAR NED REC

Location	Field ID: Win ID			20030923	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 02-27-18 Time 0950	☒ Eastern ☐ Central ☐ Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)
Field ID	WIN/STORET	LAKE ROMAN CTR			Matrix (type, e.g., Salt, Fresh, etc) Surface Water Fresh Temp (C) 22.9 pH 5.0 Salinity (ppt) 0.04 Comments DO% 57.7	Diss. Oxygen 4.96 Sample Depth 0.3 pH 5.0 Sp. Conductance (umho/cm) 67	☒ mg/L ☐ % sat Total Res. Chlorine ATC	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms					
Location	Field ID: Win ID			20030454	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 02-27-18 Time 1115	☒ Eastern ☐ Central ☐ Composite end Date _____ Time _____	Bottle Group(s)
Field ID	WIN/STORET	ROSS LAKE CENTER			Matrix (type, e.g., Salt, Fresh, etc) Surface Water Fresh Temp (C) 23.4 pH 4.5 Salinity (ppt) 0.04 Comments DO% 65.5	Diss. Oxygen 5.56 Sample Depth 0.3 pH 4.5 Sp. Conductance (umho/cm) 65	☒ mg/L ☐ % sat Total Res. Chlorine ATC B+C	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms					
Location	Field ID: Win ID			20030922	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 02-27-18 Time 1035	☒ Eastern ☐ Central ☐ Composite end Date _____ Time _____	Bottle Group(s)
Field ID	WIN/STORET	LAKE SUGGS CTR			Matrix (type, e.g., Salt, Fresh, etc) Surface Water Fresh Temp (C) 23.1 pH 4.8 Salinity (ppt) 0.04 Comments DO% 45.6	Diss. Oxygen 8.93 Sample Depth 0.3 pH 4.8 Sp. Conductance (umho/cm) 67	☒ mg/L ☐ % sat Total Res. Chlorine ATC B+C	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms					
Location	Field ID: Win ID			62NE1130	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 02-27-18 Time 1245	☒ Eastern ☐ Central ☐ Composite end Date _____ Time _____	Bottle Group(s)
Field ID	WIN/STORET	LAKE ROSA CENTER			Matrix (type, e.g., Salt, Fresh, etc) Surface Water Fresh Temp (C) 23.3 pH 6.0 Salinity (ppt) 0.03 Comments DO% 97.0	Diss. Oxygen 8.25 Sample Depth 0.3 pH 6.0 Sp. Conductance (umho/cm) 60	☒ mg/L ☐ % sat Total Res. Chlorine ATC B+C	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms					
Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:		Received By:		Date/Time	
<u>P. O'Connor</u>	02-27-18	1400 FED EX	2 (total)					

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Group: A	Bottle Type: P-1L ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab
Group: A	Bottle Type: BP-1L CHLSUITE-W	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab
Group: A	Bottle Type: P-500ML W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	# of Bottles: 3	Preservative: ICE And H2SO4		Enter Number of Bottles Sent to Lab
Group: A	Bottle Type: P-125ML W-PO4-F	# of Bottles: 3	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab
Group: B	Bottle Type: P-1L ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab
Group: B	Bottle Type: BP-1L CHLSUITE-W	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab
Group: B	Bottle Type: P-500ML W-ICP W-ICPMS	# of Bottles: 3	Preservative:	HNO3	Enter Number of Bottles Sent to Lab

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Group: B	Bottle Type:	P-500ML	# of Bottles: 3	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab
	W-NH3				3
	W-NO2NO3				
	W-S-A-TP				
	W-TKN				
	W-TOC				

Group: B	Bottle Type:	P-125ML	# of Bottles: 3	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab
	W-PO4F				3

Grope ALS JAX E coli

5 bottles submitted to ALISA