



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: ROSS LAKE CENTER Date: 02/27/2018
(mm/dd/yyyy)

WIN/ Field ID: 20030454 WBID: 2543F Latitude: 29.7010
(Decimal Degrees)

County: PUTNAM ORG ID: 21FLA Longitude: 81.9963
(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
J. Parrish						X	X	X	X
P. O'Connor					X		X	X	

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☐ Pole
☐ Carboy	☐ Syringe	
☐ Dipper	☐ Other	
Depth Measured with <u>Secchi Disc</u>		
Equipment ID <u>Ortho #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 / Intertidal / 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	1115	4.0	0.3	0.3	5.56	65.8	4.5	0.04	65	23.4
CEN	1120		3.5		0.84	9.0	4.5	0.04	64	15.9

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	SA7341020	12-07-18	☒ <2
Metals	☒ W-ICPMS ☐ W-ICP	☒ Ice ☒ HNO3	NA7261120	09-18-18	☒ <2
Filtered Nutrients	☒ W-PO4-F ☐ Field Filtered 0.45 µm Filter	☒ Ice	KA12512		
Chlorophyll	☒ CHLSUITE-W	☒ Ice			
Physical/Aggregate (Fresh)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CH-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-BaC ☐ 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:



20030454

ROSS LAKE CENTER

Signature:

[Signature]

Date:

2/27/18

Enter Field Parameters, Verify Station ID In LIMS DMT:

JP 3/1/18

QC Station ID, Field Parameters In LIMS DMT:

BD 3/6/18

Scan/Save Field Sheets

BD 3/6/18

Migrate Data to WIN:

Verify Data In WIN:

(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: _____

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)

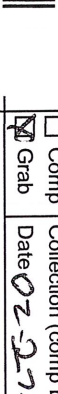
CHAIN OF CUSTODY / LABORATORY ANALYSIS REQUEST FORM

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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 02-27-18 Time 12:45		Bottle Group(s) (See pg 2)	
Field ID		20030960				Matrix (type, e.g., Salt, Fresh, etc) Surface water Fresh		Diss. Oxygen 3.84		A+B+C	
WIN/STORET		GOOSE LAKE				Temp (C) 22.4		pH 4.6		Sample Depth 0.3 m	
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 02-27-18 Time 1:05		Bottle Group(s)	
Field ID						Matrix (type, e.g., Salt, Fresh, etc) DEIONIZED WATER		Diss. Oxygen		A+B	
WIN/STORE						Temp (C)		pH		Sample Depth	
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Salinity (ppt)		Comments	
Location						☐ Comp ☐ Grab		Collection (comp begin or grab) Date		Eastern Central	
Field ID						Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Bottle Group(s)	
WIN/STORET #						Temp (C)		pH		Sample Depth	
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Salinity (ppt)		Comments	
Location						☐ Comp ☐ Grab		Collection (comp begin or grab) Date		Eastern Central	
Field ID						Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Bottle Group(s)	
WIN/STORET #						Temp (C)		pH		Sample Depth	
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Salinity (ppt)		Comments	
Location						☐ Comp ☐ Grab		Collection (comp begin or grab) Date		Eastern Central	
Field ID						Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Bottle Group(s)	
WIN/STORET #						Temp (C)		pH		Sample Depth	
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Salinity (ppt)		Comments	
Location						☐ Comp ☐ Grab		Collection (comp begin or grab) Date		Eastern Central	
Field ID						Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Bottle Group(s)	
WIN/STORET #						Temp (C)		pH		Sample Depth	
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Salinity (ppt)		Comments	
Location						☐ Comp ☐ Grab		Collection (comp begin or grab) Date		Eastern Central	
Field ID						Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Bottle Group(s)	
WIN/STORET #						Temp (C)		pH		Sample Depth	
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Salinity (ppt)		Comments	
Location						☐ Comp ☐ Grab		Collection (comp begin or grab) Date		Eastern Central	
Field ID						Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Bottle Group(s)	
WIN/STORET #						Temp (C)		pH		Sample Depth	
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Salinity (ppt)		Comments	
Location						☐ Comp ☐ Grab		Collection (comp begin or grab) Date		Eastern Central	
Field ID						Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Bottle Group(s)	
WIN/STORET #						Temp (C)		pH		Sample Depth	
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Salinity (ppt)		Comments	
Location						☐ Comp ☐ Grab		Collection (comp begin or grab) Date		Eastern Central	
Field ID						Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Bottle Group(s)	
WIN/STORET #						Temp (C)		pH		Sample Depth	
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Salinity (ppt)		Comments	
Location						☐ Comp ☐ Grab		Collection (comp begin or grab) Date		Eastern Central	
Field ID						Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Bottle Group(s)	
WIN/STORET #						Temp (C)		pH		Sample Depth	
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Salinity (ppt)		Comments	
Location						☐ Comp ☐ Grab		Collection (comp begin or grab) Date		Eastern Central	
Field ID						Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Bottle Group(s)	
WIN/STORET #						Temp (C)		pH		Sample Depth	
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Salinity (ppt)		Comments	
Location						☐ Comp ☐ Grab		Collection (comp begin or grab) Date		Eastern Central	
Field ID						Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Bottle Group(s)	
WIN/STORET #						Temp (C)		pH		Sample Depth	
Latitude		☐ dd									

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 ROC

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/STORE1	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 D0% 57.7	Diss. Oxygen 4.96 Sample Depth 0.3 Sp. Conductance 67 Total Res. Chlorine _____ % sat _____ mg/L _____	☒ ft ☒ m (umho/cm)	Atc Atc 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/STORE1	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 D0% 65.5	Diss. Oxygen 5.56 Sample Depth 0.3 Sp. Conductance 65 Total Res. Chlorine _____ % sat _____ mg/L _____	☒ ft ☒ m (umho/cm)	Atc Atc B+tc
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/STORE1	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 D0% 45.6	Diss. Oxygen 8.93 Sample Depth 0.3 Sp. Conductance 67 Total Res. Chlorine _____ % sat _____ mg/L _____	☒ ft ☒ m (umho/cm)	Atc Atc B+tc
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/STORE1	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 D0% 97.0	Diss. Oxygen 8.25 Sample Depth 0.3 Sp. Conductance 60 Total Res. Chlorine _____ % sat _____ mg/L _____	☒ ft ☒ m (umho/cm)	Atc Atc Atc
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>	<u>02-27-18</u>	<u>Fed Ex</u>	<u>2 (total)</u>					

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Page 2 of 3

Group: A	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: A	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
Group: A	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: A	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 3	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	3
Group: B	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: B	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
Group: B	Bottle Type: W-ICP W-ICPMS	P-500ML	# of Bottles: 3	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	3

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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