FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified? Yes / No

WIN Station Name: Lake Rowan ~280m E of Center **Date:** 5/9/2018 (mm/dd/yyyy)

WIN/ Field ID: G2NE0006 **WBID:** 2582A **Latitude:** 29.675740

County: Putnam **ORG ID:** 21FLA **Longitude:** -82.01715 (Decimal Degrees)

Receiving Body of Water: N/A **RQ-2018-** 05-07-30 (Decimal Degrees)

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
B. Vi	✓		✓		
J Ferris		✓		✓	✓

Sampling Equipment
- ☐ Sample Container ☐ Van Dorn ☐ Pole
- ☐ Carboy ☐ Syringe
- ☐ Dipper ☐ Other
- Depth Measured with YSI Pro
- Equipment ID OW40 7

Collection Method
- ☐ Wading ☑ Canoe/Kayak
- ☐ From Shore ☐ Electric Motor
- ☐ Other ☐ Gasoline Motor

Water Level: Dry/ Pooled/ Low / Normal / (High) / Flooded **Meter ID#** YSI Pro **Matrix:** (Fresh) / Marine / DI

Photos: (Yes) / No **Flow:** No Flow / Interstitial / Flowing / (NA) **Tide:** Rising/ Falling/ Slack/ (NA) **Tide Times:** High — Low —

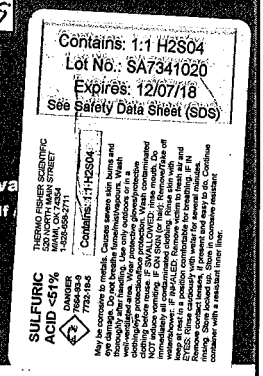
Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPTh)	Sp COND (µmhos/cm)	Temp. (C°)
(EST)	1115	2.0	0.3	0.6	4.93	61.2	4.82	0.03	73	25.19 ✓
CEN	1117		1.5		0.57	6.6	4.85	0.03	73	22.28 ✓

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 ☐ H_2SO_4	7341020	12/7/18	☑ <2
Metals	☑ W-ICPMS ☑ W-ICP	☑ Ice ☑ HNO_3	726112O	9/18/18	☑ <2
Filtered Nutrients	☑ W-PO4-F ☑ Field Filtered 0.45 µm Filter	☑ Ice	R7HA2453		
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 Preserva (If



Notes:

Place Label Here

Signature: B. Vi **Date:** 5/9/18

Enter Field Parameters, Verify Station ID In LIMS DMT: JF 5/11/18 (Initials/Date) QC Station ID, Field Parameters In LIMS DMT: BV 5/14/18 (Initials/Date)

Scan/Save Field Sheets BV 5/14/18 (Initials/Date) Migrate Data to WIN: (Initials/Date) Verify Data In WIN: (Initials/Date)

Request Number: RQ-2018-05-07-30

Melrose lakes

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NE-DIST

Project ID: SMP

Requester: Jeremy M. Parrish

Collected By: JParrish

Field Report Prepared By: JParrish

Sampling Agency: FRES NE

Location

Field Id: Win ID: 20030923

Field ID

WIN/STOR: LAKE ROWAN CTR

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☐ Grab | Collection (comp begin or grab) Date 5/9/18 Time 1055 Eastern Central | Composite end Date Time | Bottle Group(s) (See pg 2): B

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen: 5.13 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C): 25.3 | pH: 4.8 | Sample Depth: 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm): 73

Salinity (ppt): 0.03 | Comments

Location

Field Id: Win ID: G2NE0006

Field ID

WIN/STORET #: LAKE ROWAN ~ 280m E OF CENTER

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 5/9/18 Time 1115 Eastern Central | Composite end Date Time | Bottle Group(s): B

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen: 4.9 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C): 25.19 | pH: 4.82 | Sample Depth: 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm): 73

Salinity (ppt): 0.03 | 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
JParrish	5/9/18 1600	Fedex	3		

Request Number: RQ-2018-05-07-30

Melrose lakes

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NE-DIST

Project ID: SMP

Requester: Jeremy M. Parrish

Collected By:

Field Report Prepared By:

Sampling Agency:

Location

Field ID: G2NE1130

Win ID:

Field ID

WIN/STI

Lake Rosa Center

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 5/9/18 Time 1330 Eastern Central | Composite end Date Time | Bottle Group(s) (See pg 2) A

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 8.0 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 26.7 | pH 6.49 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 66

Salinity (ppt) 0.03 | Comments

Location

Field ID

Field ID: 20030980

WIN ID

WIN/STOR

GOOSE LAKE

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 5/9/18 Time 1250 Eastern Central | Composite end Date Time | Bottle Group(s) A

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 4.98 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 28.78 | pH 4.56 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 61

Salinity (ppt) 0.03 | Comments

Location

Field ID

Field ID: 20030454

Win ID:

WIN/STOF

ROSS LAKE CENTER

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 5/9/18 Time 1225 Eastern Central | Composite end Date Time | Bottle Group(s) B

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 5.4 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 27.6 | pH 4.51 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 69

Salinity (ppt) 0.03 | Comments

Location

Field ID

Field Id: 20030922

Win ID:

WIN/STORE

LAKE SUGGS CTR

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 5/9/18 Time 1145 Eastern Central | Composite end Date Time | Bottle Group(s) B

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 4.39 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 25.4 | pH 4.5 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 71

Salinity (ppt) 0.03 | Comments

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Jeremy Parrish	5/9/18 1600	Fedex	2		

Group: A	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					
Group: A	Bottle Type:	BP-1L	# of Bottles: 2	Preservative:	ICE	**Enter Number of Bottles Sent to Lab** 2
	CHLSUITE-W					
Group: A	Bottle Type:	P-250ML-WI-THI	# of Bottles: 2	Preservative:	ICE	**Enter Number of Bottles Sent to Lab** 2 ACS
	NE-ALS-ECQ					
Group: A	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: A	Bottle Type:	P-125ML	# of Bottles: 2	Preservative:	FILTER-ICE	**Enter Number of Bottles Sent to Lab** 2
	W-PO4-F					
Group: B	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: B	Bottle Type:	BP-1L	# of Bottles: 4	Preservative:	ICE	**Enter Number of Bottles Sent to Lab** 4
	CHLSUITE-W					
Group: B	Bottle Type:	P-250ML-WI-THI	# of Bottles: 4	Preservative:	ICE	**Enter Number of Bottles Sent to Lab** 4

Group: B	Bottle Type: NE-ALS-ECQ	P-250ML-WI-THI	# of Bottles: 4	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	4 ALS
Group: B	Bottle Type: W-ICP W-ICPMS	P-500ML	# of Bottles: 4	Preservative:	HNO3	**Enter Number of Bottles Sent to Lab**	4
Group: B	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 4	Preservative:	ICE And H2SO4	**Enter Number of Bottles Sent to Lab**	4
Group: B	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 4	Preservative:	FILTER-ICE	**Enter Number of Bottles Sent to Lab**	4

CHAIN OF CUSTODY / LABORATORY ANALYSIS REQUEST FORM

ALS Environmental

9143 Philips Highway, Suite 200 Jacksonville, FL 32256 / Ph(904) 739-2277 / FAX (904) 739-2011

SR #

ALS Contact: Jerry Allen

Page 1 of 1

Client Name: FDEP-NE ROC	Project Number: RQ-2018- 05-07-30
Report To: Dep-Overflowmicro@dep.state.fl.us	Report CC: Melrose lakes
Company/Address: 8800 Baymeadows Way W, Jacksonville, Fl 32256	
Phone #: 904-256-1541	FAX #:
Sampler's Signature: Jeremy Parrish	Sampler's Printed Name: Jeremy Parrish

ANALYSIS REQUESTED (Include Method Number and Container Preservative)

CLIENT SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	Matrix	NUMBER OF CONTAINERS	Preservative	E.Coli	~~Enterococci~~	REMARKS
20030923		5/9/18	1055	SW	1		X		
62NE0006			1115		1		X		
20030922			1145		1		X		
20030454			1225		1		X		
20030980			1250		1		X		
~~20050~~							~~X~~		
62NE1130		5/9/18	1330	SW	1		X		

Preservative Key: 0. None; 1. HCL; 2. HNO3; 3. H2SO4; 4. NaOH; 5. Zn. Acetate; 6. MeOH; 7. NaHSO4; 8. Other

Special Instructions/Comments: **Email Report to: Dep-Overflowmicro@dep.state.fl.us**

0.6°C

TURNAROUND REQUIREMENTS

___ RUSH (SURCHARGES APPLY)

X STANDARD

REQUESTED FAX DATE: N/A

REQUESTED REPORT DATE: N/A

REPORT REQUIREMENTS

___ I. Results Only

___ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)

___ III. Results + QC and Calibration Summaries

___ IV. Data Validation Report with Raw Data

Edata ___ Yes ___ No

INVOICE INFORMATION

P.O. # B10739

Bill to:

Relinquished By	Received By	Relinquished By	Received By	Relinquished By	Received By
Signature: Jeremy Parrish	Signature: [signature]	Signature	Signature	Signature	Signature
Printed Name: Jeremy Parrish	Printed Name: KAYLA BLACKWELL	Printed Name	Printed Name	Printed Name	Printed Name
Firm: FDEP NE	Firm: ALS	Firm	Firm	Firm	Firm
Date/Time: 5/9/18 1534	Date/Time: 5.9.18 1533	Date/Time	Date/Time	Date/Time	Date/Time

Cooler Packing Worksheet for Request: RQ-2018-05-07-30
Melrose lakes
Ship Cooler On: 4/27/2018
Customer/Project: NE-DIST/SMP

Assigned To: SHAIK_A
Requester: Jeremy M. Parrish
Priority: 3

904-256-1700
8800 Baymeadows Way West
Suite 100
Jacksonville, FL 32256-7577
Attn: Jeremy Parrish

Comments:
No preservatives needed.

Group A: Freshwater Kit, No Metals
Group B: Freshwater Kit With Metals

Requested Analyses:

Bottle Group: A **# of Sites: 2**

Container ID: P-1L **Qty: 2** **Preservation: ICE**
Description: Plastic Bottle 1L **Lot #** 0069741

Analysis	Description
ALKALINITY	Alkalinity in aqueous matrices as mg CaCO3/L
TURBIDITY	Turbidity in aqueous matrices
W-CL-IC	Chloride in aqueous matrices
W-COLOR	True Color measured at 450 nm
W-F	Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-SO4-IC	Sulfate in aqueous matrices
W-TDS	Total Dissolved Solids in aqueous matrices
W-TSS	Total Suspended Solids in aqueous matrices

Container ID: BP-1L **Qty: 2** **Preservation: ICE**
Description: Brown Plastic Bottle 1L **Lot #** 1214297

Analysis	Description
CHLSUITE-W	Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Printed: 4/24/2018 07:57:50

Container ID: P-250ML-WI-THI **Qty: 2** **Preservation: ICE** **Lot #** L18005

Description:

Analysis	Description
NE-ALS-ECQ	Escherichia coli by Colilert Quanti-Tray method by ALS Environmental Overflow Laboratory for Northeast District

Container ID: P-500ML **Qty: 2** **Preservation: ICE And H2SO4** **Lot #** 500686S4

Description: Plastic Bottle 500 mL

Affix YELLOW sulfuric acid dot to container.

Analysis	Description
W-NH3	Ammonia in aqueous matrices as mg N/L
W-NO2NO3	Nitrite/Nitrate in aqueous matrices as mg N/L
W-S-A-TP	Total Phosphorus in aqueous matrices as mg P/L
W-TKN	Total Kjeldahl Nitrogen in aqueous matrices
W-TOC	Nonpurgeable Organic Carbon in aqueous matrices

Container ID: P-125ML **Qty: 2** **Preservation: FILTER-ICE** **Lot #** 500796671

Description: Plastic Bottle 125 mL

Analysis	Description
W-PO4-F	Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Bottle Group: B

of Sites: 4

Container ID: P-1L **Qty: 4** **Preservation: ICE** **Lot #** 500697411

Description: Plastic Bottle 1L

Analysis	Description
ALKALINITY	Alkalinity in aqueous matrices as mg CaCO3/L
TURBIDITY	Turbidity in aqueous matrices
W-CL-IC	Chloride in aqueous matrices
W-COLOR	True Color measured at 450 nm
W-F	Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-SO4-IC	Sulfate in aqueous matrices
W-TDS	Total Dissolved Solids in aqueous matrices
W-TSS	Total Suspended Solids in aqueous matrices

Container ID: BP-1L **Qty: 4** **Preservation: ICE** **Lot #** 1244297

Description: Brown Plastic Bottle 1L

Analysis	Description
CHLSUITE-W	Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Container ID: P-250ML-WI-THI **Qty: 4** **Preservation: ICE** **Lot #** L158005

Description:

Analysis	Description
NE-ALS-ECQ	Escherichia coli by Colilert Quanti-Tray method by ALS Environmental Overflow Laboratory for Northeast District

Container ID: P-500ML **Qty: 4** **Preservation: HNO3** **Lot #** 0006865 4

Description: Plastic Bottle 500 mL

Affix RED nitric acid dot to container.

Analysis	Description
W-ICP	Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects
W-ICPMS	Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects

Container ID: P-500ML **Qty: 4** **Preservation: ICE And H2SO4** **Lot #** 0006865 4

Description: Plastic Bottle 500 mL

Affix YELLOW sulfuric acid dot to container.

Analysis	Description
W-NH3	Ammonia in aqueous matrices as mg N/L
W-NO2NO3	Nitrite/Nitrate in aqueous matrices as mg N/L
W-S-A-TP	Total Phosphorus in aqueous matrices as mg P/L
W-TKN	Total Kjeldahl Nitrogen in aqueous matrices
W-TOC	Nonpurgeable Organic Carbon in aqueous matrices

Container ID: P-125ML **Qty: 4** **Preservation: FILTER-ICE** **Lot #** 0007062 7

Description: Plastic Bottle 125 mL

Analysis	Description
W-PO4-F	Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Cooler Packed By: ATG Number of Coolers: 2 Date: 4-27-18

Kit must also include:
- ✓ Field Sheets
- ✓ Temperature Control Bottle
- ✓ FedEx Bills, if applicable
- ✓ Plastic Bags/Zip Ties
- ___ Acid Labels (sets of 24)

If Preservation Included:

ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____

PLEASE RETURN ALL COOLERS FOR RQ-2018-05-07-30