



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2020

Meter Passed End

of Day CCV

Yes No

WIN Station Name: Lake Rowan Ctr

Date: 3/02/2020 3/3/2020 cab  
(mm/dd/yyyy)

WIN/ Field ID: 20030923

WBID: 2582A

Latitude: 29.676472

(Decimal Degrees)

County: Putnam

ORG ID: 21FLA

Longitude: -82.018127

(Decimal Degrees)

Receiving Body of Water:

RQ-2020- 03-02-28

| Sampling Team Members | WQ Measurements | Sample Collection | Documentation | Preservation | Preservation Check |
|-----------------------|-----------------|-------------------|---------------|--------------|--------------------|
|                       |                 |                   |               |              |                    |
| Kelly McDonald        | ✓               | ✓                 | ✓             | ✓            | ✓                  |
| Brian Davis           | ✓               | ✓                 | ✓             | ✓            | ✓                  |
|                       |                 |                   |               |              |                    |
|                       |                 |                   |               |              |                    |

| Sampling Equipment                                   |                                                 |
|------------------------------------------------------|-------------------------------------------------|
| <input checked="" type="checkbox"/> Sample Container | <input type="checkbox"/> Van Dorn               |
| <input type="checkbox"/> Syringe                     | <input type="checkbox"/> Pole                   |
| <input type="checkbox"/> Dipper                      | <input type="checkbox"/> Other                  |
| Depth Measured with <u>Desi</u>                      |                                                 |
| Equipment ID <u>Ortho #7</u>                         |                                                 |
| Collection Method                                    |                                                 |
| <input type="checkbox"/> Wading                      | <input checked="" type="checkbox"/> Canoe/Kayak |
| <input type="checkbox"/> From Shore                  | <input type="checkbox"/> Electric Motor         |
| <input type="checkbox"/> Other                       | <input type="checkbox"/> Gasoline Motor         |

|                                                                              |                                     |
|------------------------------------------------------------------------------|-------------------------------------|
| Water Level: Dry/ Pooled/ <u>Low</u> / Normal / High / Flooded               | Meter ID# <u>Desi</u>               |
| Photos: Yes/ <u>No</u>                                                       | Flow: No Flow / Flowing / <u>NA</u> |
| Tide: Rising/ Falling/ Slack/ <u>NA</u>                                      | Tide Times: High — Low —            |
| 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#:               |                                     |
| Notes:                                                                       |                                     |

## Duplicate Sample

|                                             |                                           |
|---------------------------------------------|-------------------------------------------|
| Time Zone: <u>EST</u> CEN Time: <u>1155</u> | Field ID: <u>2003093-DUP</u> (WIN ID_DUP) |
| WIN DMT Activity ID:                        |                                           |

## Blank

|                                                                                                                                                 |                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|
| Time Zone: <u>EST</u> CEN Time: <u>1200</u>                                                                                                     | Field ID: <u>FB-03022020</u> (Blank Type_DDDMMYYY) |
| DI Source: <u>NE ROC</u>                                                                                                                        | Location: <u>Lake Rowan Center</u>                 |
| <input checked="" type="checkbox"/> Field Blank <input type="checkbox"/> Equipment Blank <input type="checkbox"/> Field Cleaned Equipment Blank | Equipment ID: <u>Ortho Kit #7</u>                  |

LIMS EVENT ID: WIN Import ID:

Enter Field Parameters, Verify Station ID in LIMS DMT: (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)



RQ-2020- 03-02-28

Customer: NE-DISTProject ID: Melrose LakesCollected By: B. Davis, K. McDonaldField Report Prepared By: B. DavisSampling Agency: DEAR NEField ID:  
Win ID

20030923

## LAKE ROWAN CTR

Comments:

Contains: 1:1 HNO3  
Lot No.: NA9254150  
Expires: 09/11/20  
See Safety Data Sheet (SDS)

Contains: 1:1 H2SO4  
Lot No.: SA9301030  
Expires: 10/28/20  
See Safety Data Sheet (SDS)

Contains: 1:1 H2SO4  
Lot No.: SA9301030  
Expires: 10/28/20  
See Safety Data Sheet (SDS)

Contains: 1:1 H2SO4  
Lot No.: SA9301030  
Expires: 10/28/20  
See Safety Data Sheet (SDS)

Matrix: Fresh / Marine

(Check one)

☒ GRAB☐ COMPOSITE

| Date      | Time | DO (mg/L) | DO (%SAT) | Temp. (C°) | pH   | Sample Depth (m) | Secchi Disk (m)                  | Total Depth (m) | Sp COND (µmhos/cm) | Salinity (PPT) |
|-----------|------|-----------|-----------|------------|------|------------------|----------------------------------|-----------------|--------------------|----------------|
| 3/3/20    | 1150 | 8.79      | 93.9      | 18.5       | 4.29 | 0.3              | 0.8                              | 2.3             | 62.4               | 0.03           |
| EST / CST |      |           |           |            |      |                  | <input type="checkbox"/> VOB (S) |                 |                    |                |

Cental Lab please use top row for login purposes

|           |      |      |      |      |     |  |  |  |      |      |
|-----------|------|------|------|------|-----|--|--|--|------|------|
| 1152      | 6.64 | 67.6 | 16.1 | 4.13 | 1.5 |  |  |  | 62.2 | 0.03 |
| EST / CST |      |      |      |      |     |  |  |  |      |      |

| Parameter Suite                    | Parameter Methods                                                                                                                            | Preservation                                                                       | pH Check                               | # Bottles sent to Lab | Bottle Group |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|----------------------------------------|-----------------------|--------------|
| Preserved Nutrients (P-500ML)      | <input checked="" type="checkbox"/> W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                                              | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H2SO4* | <input checked="" type="checkbox"/> <2 | 1                     | A            |
|                                    | Lot # <u>SA9301030</u> Exp: <u>10/28/20</u>                                                                                                  |                                                                                    |                                        |                       |              |
| Metals (P-500ML)                   | <input checked="" type="checkbox"/> W-ICPMS <input checked="" type="checkbox"/> W-ICP <input checked="" type="checkbox"/> W-HARD             | <input checked="" type="checkbox"/> Ice <input type="checkbox"/> HNO3*             | <input checked="" type="checkbox"/> <2 | 1                     | A            |
|                                    | Lot # <u>NA9254150</u> Exp: <u>9/11/20</u>                                                                                                   |                                                                                    |                                        |                       |              |
| Filtered Nutrients (P125ML)        | <input checked="" type="checkbox"/> W-PC4-F <input checked="" type="checkbox"/> Field Filtered 0.45 µm Filter                                | <input checked="" type="checkbox"/> Ice                                            |                                        | 1                     | A            |
|                                    | Filter Lot # <u>R9EA32199</u>                                                                                                                |                                                                                    |                                        |                       |              |
| Chlorophyll (BP-1L)                | <input checked="" type="checkbox"/> CHLSUITE-W                                                                                               | <input checked="" type="checkbox"/> Ice                                            |                                        | 1                     | A            |
| Physical/Aggregate (Fresh) (P-1L)  | <input checked="" type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W-TDS                              | <input checked="" type="checkbox"/> Ice                                            |                                        | 1                     | A            |
| Physical/Aggregate (Marine) (P-1L) | <input type="checkbox"/> Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                                                                      | <input type="checkbox"/> Ice                                                       |                                        |                       |              |
| Macroinvertebrates (PJ-2L)         | <input type="checkbox"/> MI-FW-QLDC                                                                                                          | <input type="checkbox"/> Formalin                                                  |                                        |                       |              |
| Periphyton (PT-50ML)               | <input type="checkbox"/> ALGAE-ID                                                                                                            | <input type="checkbox"/> Ice                                                       |                                        |                       |              |
| Microbiology (Contract Lab Bottle) | <input type="checkbox"/> E Coli <input type="checkbox"/> F Coli <input type="checkbox"/> Enterococci                                         | <input type="checkbox"/> Ice                                                       |                                        |                       |              |
|                                    | <input type="checkbox"/> Contract Lab                                                                                                        |                                                                                    |                                        |                       |              |
| Molecular (QPCR-P-500ML)           | <input type="checkbox"/> PCR-HF183 <input type="checkbox"/> PCR-BacR <input type="checkbox"/> PCR-DG3                                        | <input type="checkbox"/> Ice                                                       |                                        |                       |              |
|                                    | <input type="checkbox"/> PCR-GULL2 <input type="checkbox"/> PCR-GFD <input type="checkbox"/> See Notes                                       |                                                                                    |                                        |                       |              |
| Tracers (BG-500ML)                 | <input type="checkbox"/> W-E8321-DI <input type="checkbox"/> W-E8321-MS                                                                      | <input type="checkbox"/> Ice                                                       |                                        |                       |              |
| Pesticides (BG-500ML) (BG-1L)      | <input type="checkbox"/> W-E8321-DI <input type="checkbox"/> WE8321-MS <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-CT-CL-R | <input type="checkbox"/> Ice                                                       |                                        |                       |              |
|                                    | <input type="checkbox"/> W-PCL-SQ-R <input type="checkbox"/> W-CARB-AA (5 ml of MCAA** Buffer Solution)                                      |                                                                                    |                                        |                       |              |

Name: B. DavisSignature: Brian DavisDate: 3/3/20

\*2.0 ml of Preservative used unless noted otherwise.

\*\*MCAA: Monochloroacetic acid buffer solution



RQ-2020- 03-02-28

Customer: NE ROCProject ID: Neurose LakesCollected By: NE ROCField Report Prepared By: K. McDonaldSampling Agency: FL DEP

## DUPLICATE SAMPLE

|                                                                                             |           |
|---------------------------------------------------------------------------------------------|-----------|
| Field ID: <u>20030923 DUP</u><br>Location: <u>Lake Rowan Ctr</u><br>WIN ID: <u>20030923</u> | Comments: |
|---------------------------------------------------------------------------------------------|-----------|

|                             |                                                                                         |
|-----------------------------|-----------------------------------------------------------------------------------------|
| Matrix: <u>Fresh</u> Marine | (Check one) <input checked="" type="checkbox"/> GRAB <input type="checkbox"/> COMPOSITE |
| Date: <u>3/3/20</u>         | Time: <u>1155</u><br>EST / CST                                                          |

| Parameter Suite                    | Parameter Methods                                                                                                                                                                                                                                       | Preservation                                                                      | pH Check                               | # Bottles sent to Lab | Bottle Group |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------------|-----------------------|--------------|
| Preserved Nutrients (P-500ML)      | <input checked="" type="checkbox"/> W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP<br>Lot # <u>8A9301030</u> Exp: <u>10/20/20</u>                                                                                                                          | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H2SO4 | <input checked="" type="checkbox"/>    | 1                     | A            |
| Metals (P-500ML)                   | <input checked="" type="checkbox"/> W-ICPMS <input checked="" type="checkbox"/> W-ICP <input checked="" type="checkbox"/> W-HARD<br>Lot # <u>NA9254150</u> Exp: <u>9/11/20</u>                                                                          | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> HNO3  | <input checked="" type="checkbox"/> <2 | 1                     | A            |
| Filtered Nutrients (P125ML)        | <input checked="" type="checkbox"/> W-PO4-F <input checked="" type="checkbox"/> Field Filtered 0.45 µm Filter<br>Filter Lot # <u>R9EA32199</u><br>Syringe Lot #                                                                                         | <input checked="" type="checkbox"/> Ice                                           |                                        | 1                     | A            |
| Chlorophyll (BP-1L)                | <input checked="" type="checkbox"/> CHLSUITE-W                                                                                                                                                                                                          | <input checked="" type="checkbox"/> Ice                                           |                                        | 1                     | A            |
| Physical/Aggregate (Fresh) (P-1L)  | <input checked="" type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / W-COLOR / W-SO4-IC / W-TDS                                                                                                                                           | <input type="checkbox"/> Ice                                                      |                                        | 1                     | A            |
| Physical/Aggregate (Marine) (P-1L) | <input type="checkbox"/> Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                                                                                                                                                                                 | <input type="checkbox"/> Ice                                                      |                                        |                       |              |
| Microbiology (Contract Lab Bottle) | <input type="checkbox"/> E Coli <input type="checkbox"/> F Coli <input type="checkbox"/> Enterococci<br><input type="checkbox"/> Contract Lab                                                                                                           | <input type="checkbox"/> Ice                                                      |                                        |                       |              |
| Molecular (QPCR-P-500ML)           | <input type="checkbox"/> PCR-HF183 <input type="checkbox"/> PCR-BacR <input type="checkbox"/> PCR-DG3<br><input type="checkbox"/> PCR-GULL2 <input type="checkbox"/> PCR-GFD <input type="checkbox"/> See Notes                                         | <input type="checkbox"/> Ice                                                      |                                        |                       |              |
| Tracers (BG-500ML)                 | <input type="checkbox"/> W-E8321-DI <input type="checkbox"/> W-E8321-MS                                                                                                                                                                                 | <input type="checkbox"/> Ice                                                      |                                        |                       |              |
| Pesticides (BG-500ML) (BG-1L)      | <input type="checkbox"/> W-E8321-DI <input type="checkbox"/> WE8321-MS <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-CT-CL-R<br><input type="checkbox"/> W-PCL-SQ-R <input type="checkbox"/> W-CARB-AA (5 ml of MCAA** Buffer Solution) | <input type="checkbox"/> Ice                                                      |                                        |                       |              |

|                               |                                  |                       |
|-------------------------------|----------------------------------|-----------------------|
| Name: <u>Kelly A McDonald</u> | Signature: <u>Kelly McDonald</u> | Date: <u>3/3/2020</u> |
|-------------------------------|----------------------------------|-----------------------|

\*2.0 ml of Preservative used unless noted otherwise.

\*\*MCAA: Monochloroacetic acid buffer solution



RQ-2020- 03-02-28

Customer: NE ROC

Project ID: Melrose Lakes

Collected By: B. Davis, K. McDonald

Field Report Prepared By: K. McDonald

Sampling Agency: DEAR NE

BLANK

Location: Lake Rowan Ctr

FIELD ID:



FB 03022020

Comments:

Contains: 1:1 HNO<sub>3</sub>  
Lot No.: NA9189080  
Expires: 07/09/20  
See Safety Data Sheet (SDS)

Contains: 1:1 H<sub>2</sub>SO<sub>4</sub>  
Lot No.: SA9203100  
Expires: 07/22/20  
See Safety Data Sheet (SDS)

Contains: 1:1 H<sub>2</sub>SO<sub>4</sub>  
Lot No.: SA9203100  
Expires: 07/22/20  
See Safety Data Sheet (SDS)

Contains: 1:1 H<sub>2</sub>SO<sub>4</sub>  
Lot No.: SA9203100  
Expires: 07/22/20  
See Safety Data Sheet (SDS)

Matrix: ☒ Field Blank / ☐ Equipment Blank / ☐ Field Cleaned Equip Blank(Check one) ☐ COMPOSITE ☒ GRAB

Date

Time

DI Source:

3/3/20

1200

NE ROC

EST / CST

| Parameter Suite                    | Parameter Methods                                                                                                                                                                                                                                                                                    | Preservation                                                                                                 | pH Check                               | # Bottles sent to Lab | Bottle Group |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|----------------------------------------|-----------------------|--------------|
| Preserved Nutrients (P-500ML)      | <input checked="" type="checkbox"/> W-NH <sub>3</sub> / <input checked="" type="checkbox"/> W-NO <sub>2</sub> NO <sub>3</sub> / <input checked="" type="checkbox"/> W-TKN / <input checked="" type="checkbox"/> W-TOC / <input checked="" type="checkbox"/> W-S-A-TP<br>Lot # SA9203100 Exp: 07/2020 | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H <sub>2</sub> SO <sub>4</sub> * | <input checked="" type="checkbox"/> <2 | 1                     | C            |
| Metals (P-500ML)                   | <input checked="" type="checkbox"/> W-ICPMS <input checked="" type="checkbox"/> W-ICP<br>Lot # NA9189080 Exp: 07/2020                                                                                                                                                                                | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> HNO <sub>3</sub> *               | <input checked="" type="checkbox"/> <2 | 1                     | C            |
| Filtered Nutrients (P125ML)        | <input checked="" type="checkbox"/> W-PO <sub>4</sub> -F <input checked="" type="checkbox"/> Field Filtered 0.45 µm Filter<br>Filter Lot # R9E932199<br>Syringe Lot #                                                                                                                                | <input checked="" type="checkbox"/> Ice                                                                      |                                        | 1                     | C            |
| Physical/Aggregate (Fresh) (P-1L)  | <input checked="" type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO <sub>4</sub> -IC / W-TDS                                                                                                                                                                         | <input checked="" type="checkbox"/> Ice                                                                      |                                        | 1                     | C            |
| Physical/Aggregate (Marine) (P-1L) | <input type="checkbox"/> Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                                                                                                                                                                                                                              | <input type="checkbox"/> Ice                                                                                 |                                        |                       |              |
| Tracers (BG-500ML)                 | <input type="checkbox"/> W-E8321-DI <input type="checkbox"/> W-E8321-MS                                                                                                                                                                                                                              | <input type="checkbox"/> Ice                                                                                 |                                        |                       |              |
| Pesticides (BG-500ML) (BG-1L)      | <input type="checkbox"/> W-E8321-DI <input type="checkbox"/> W-E8321-MS <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-CT-CL-R<br><input type="checkbox"/> W-PCL-SQ-R <input type="checkbox"/> W-CARB-AA (5 ml of MCAA** Buffer Solution)                                             | <input type="checkbox"/> Ice                                                                                 |                                        |                       |              |
| Name: Kelly A McDonald             |                                                                                                                                                                                                                                                                                                      | Signature: Kelly McDonald                                                                                    |                                        | Date: 3/3/2020        |              |

\*2.0 ml of Preservative used unless noted otherwise.

\*\*MCAA: Monochloroacetic acid buffer solution