# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

STRATEGIC MONITORING PLAN Field Sheet

July 2022

Meter Passed End of Day CCV: (Yes) / No

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **WIN Station Name:** | LAKE ROUSSEAU AT CENTER | | | | | **Sample Date:** | 6/27/2023 |
| **WIN / Field ID:** | G4SW0118 | **ORG ID:** | 21FLTPA | **ENR:** | - | **Latitude:** | 29.02515 |
| **County:** | CITRUS | **WBID:** | 1329B | LAKE | | **Longitude:** | -82.58419 |
| **Receiving Body of Water:** | Withlacoochee River | | | | | **RQ-** | 2023-06-05-33 |

| Sampling Team Members | WQ Measurements | Sample Collection | Documentation | Preservation | Preservation Check |
|---|---|---|---|---|---|
| Ben Paswater | | x | | x | x |
| Devin Mathias | x | | x | | |
| | | | | | |
| | | | | | |

| Sampling Equipment | | | | | |
|---|---|---|---|---|---|
| x | Sample Container | | | Carboy | |
| | Dipper | | | Van Dorn | |
| | Syringe | | | Pole | |
| **Syringe Lot#** | *2153759* | | **Filter Lot#** | *17756911* | |
| **Secchi Equipment ID:** | *Saber #1* | | | | |

| Collection Method | | | |
|---|---|---|---|
| | Wading | x | Canoe/Kayak |
| | From Shore | | Electric Motor |
| | | | Gasoline Motor |
| **Depth Measured With** | *Sonar* | | |

| | |
|---|---|
| **Water Level:** | *Normal* |
| **Flow:** | *NA* |
| **Matrix:** | *Fresh* |
| **Tide Stage:** | |
| **High Tide:** | |
| **Low Tide:** | |
| **Photos:** | *No* |
| **Meter ID:** | *Leia* |
| **Depth Gauge ID:** | **depth_gauge** |
| | |
| | |

| Time Zone | Time | Total Depth (m) | Sample Depth (m) | DO (mg/L) | DO (%SAT) | Temp. (°C) | pH | Secchi Disk (m) | Sp COND (µmhos/cm) | Salinity (PPTh) |
|---|---|---|---|---|---|---|---|---|---|---|
| EST | 1330 | 2.9 | 0.3 | 8.93 | 118.2 | 30 | 8.11 | 1.6 | 275.4 | 0.13 |
| | 1330 | | 2 | 9.61 | 126.6 | 29.7 | 8.18 | | 278.7 | 0.13 |
| | 1331 | | 2.4 | 10.15 | 133 | 29.4 | 8.25 | | 281.9 | 0.13 |

**Biological Samples Collected:** LVI

**SBIO Visit ID:** 87237 **HA ID:** 18541 **RPS ID:** **Macrophyte ID:** 12482 **LIMS Sample ID In The Macrophyte Module:** 2420074

| Parameter Suite | Parameter Methods (LIMS Test Codes) | | | Preservation Type | | Lot# | Expiration Date | pH Check |
|---|---|---|---|---|---|---|---|---|
| **Microbiology** | | | | | | | | |
| **Chlorophyll** | **CHLSUITE-W** | | | **ICE** | | | | |
| **Physical/Aggregate Nutrients** | **ALKALINITY, TURBIDITY, W-F, W-TSS** | | | **ICE** | | | | |
| | **W-CL-IC, W-COLOR, W-SO4-IC, W-TDS** | | | **ICE** | | | | |
| **Filtered Nutrients** | **W-PO4-F** | **Field Filtered 0.45 µm Filter** | | **ICE** | | Syring Lot#:2153759 ; Filter Lot#:17756911 | | |
| **Acid Preserved Nutrients** | **W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP** | | | **ICE** | **H2SO4*** | *SA3013020* | *01/25/2024* | *H2SO4 pH<2* |
| **Metals** | | | | | | | | |
| **Organics (LC)** | **W-E8321-DI** | **W-E8321-MS** | | | | | | |
| **Macroinvertebrates** | | | | | | | | |
| **Organics (GC)** | **W-CT-CI-R** | **W-PCL-TQ-R** | | **Ice** | | | | |
| | **W-PSNP-TQ** | **W-TR-SQ-R** | **W-PCB-TQ-R** | | | | | |
| **Molecular** | | | | | | | | |
| **Periphyton** | | | | | | | | |
| **Phytoplankton** | | | | | | | | |
| **BOD** | | | | | | | | |
| **DOC** | | | | | | | | |
| **Other(s)** | | | | | | | | |

*2.0 ml of H2SO4 Used Unless Noted Otherwise

**SyringLot#** **FilterLot#**

| | |
|---|---|
| **Field Comments:** | Cloudy, sunny |
| **Comments on COC:** | |
| **Relinquish Date:** | 06/27/2023 |
| **Signature:** | |

**LIMS EVENT ID:** SW-DIST-2023-06-28-01 **WIN Import ID:** 42041

**Enter Field Parameters, Verify Station ID In LIMS DMT:** DM 7/11/2023 (Initials/Date)

**QC Station ID, Field Parameters In LIMS DMT:** MM 8/8/2023 (Initials/Date)

**Save Field Sheets on Network:** MM 8/8/2023 (Initials/Date)

**Migrate Data to WIN:** MM 8/8/2023 (Initials/Date)

Field ID/WIN **G4SW0118**

**DEP FORM FD 9000-27 LAKE VEGETATION INDEX FIELD SHEET**

Site Name: **Lake Rousseau @ Center**

:erbody: | County:

nature: | Date:

. ***Genera that may require lab verification***

Lake units sampled (circle one group): (1, 4, 7, 10) 2, 5, 8, 11 3, 6, 9, 12

**It is important to note dominant or co-dominant taxa (by areal extent) for each unit. Use "D" to denote dominant taxon, or "C" for the 2 co-dominant taxa.**

| SPECIES (A-F) | 1 | 4 | 7 | 10 | Collected? (√) |
|---|---|---|---|---|---|
| Acer rubrum | √ | | √ | √ | |
| **Alternanthera philoxeroides** | √ | √ | √ | √ | |
| Andropogon sp. | | | | | |
| Azolla filiculoides (A. caroliniana) | | | | | |
| Baccharis sp. | | | | | |
| Bacopa caroliniana | | | | | |
| Bacopa monnieri | | | | | |
| Bidens laevis | | | | | |
| Bidens mitis | | | | | |
| Blechnum serrulatum | | | | | |
| Boehmeria cylindrica | √ | √ | √ | | |
| Brasenia schreberi | | | | | |
| Cabomba caroliniana | | | | | |
| **Casuarina equisitifolia** | | | | | |
| Centella asiatica | | | | | |
| Cephalanthus occidentalis | √ | | | | |
| Ceratophyllum demersum | √ | | √ | √ | |
| Chara sp. | | | | | |
| Cladium jamaicense | √ | √ | | | |
| Cliftonia monophylla | | | | | |
| **Colocasia esculenta** | √ | √ | √ | | |
| *Commelina | | | | | |
| Crinum americanum | | | | | |
| ***Cyperus alternifolius** (C. involucratus) | | | | | |
| Cyperus articulatus | | | | √ | |
| Cyperus haspan | | | | | |
| *Cyperus lecontei | | | | | |
| *Cyperus polystachyos | | | | | |
| *Cyperus odoratus | | √ | | | |
| *Cyperus surinamensis | | | | | |
| Cyrilla racemiflora | | | | | |
| Decodon verticillatus | | | | | |
| Diodia virginiana | √ | | | | |
| *Echinochloa crus-galli | | | | | |
| *Echinochloa muricatum | | | | | |
| Echinochloa walteri | | | | | |
| Eclipta prostrata (E. alba) | | | | | |
| **Egeria densa** | √ | √ | | | |
| **Eichhornia crassipes** | | | | | |
| *Eleocharis baldwinii | | | | | |
| *Eleocharis | | | | | |
| Eleocharis cellulosa | | | | | |
| Eleocharis equisetoides | | | | | |
| Eleocharis interstincta | | | | | |
| *Eriocaulon compressum | | | | | |
| *Eriocaulon decangulare | | | | | |
| Eupatorium capillifolium | | | | | |
| *Fuirena | | | | | |
| Fuirena scirpoidea | | | | | |

| SPECIES (G-L) | 1 | 4 | 7 | 10 | Collected? (√) |
|---|---|---|---|---|---|
| Gordonia lasianthus | √ | √ | √ | √ | |
| Habenaria repens | | | | | |
| **Hymenachne amplexicaulis** | | | | | |
| **Hydrilla verticillata** | | | | | |
| Hydrocotyle sp. | | | | | |
| **Hygrophila polysperma** | | | | | |
| *Hypericum fasciculatum | | | | | |
| *Hypericum hypericoides | | | | | |
| *Hypericum myrtifolium | | | | | |
| Ilex cassine | | | | | |
| **Ipomoea aquatica** | | | | | |
| Ipomoea sagittata | | | | | |
| Itea virginica | | | | | |
| Juncus effusus | | | | | |
| *Juncus marginatus | | | | | |
| *Juncus megacephalus | | | | | |
| Juncus repens | | | | | |
| *Juncus scirpoides | | | | | |
| Lachnanthes caroliniana | | | | | |
| Leersia hexandra | | | | | |
| **Landoltia punctata** (Spirodela punctata) | | | | | |
| Lemna sp. | √ | | | √ | |
| Leucothoe racemosa (Eubotrys racemosa) | | | | | |
| Limnobium spongia | √ | | √ | √ | |
| **Limnophila sessiliflora** | | | | | |
| Liquidamber styraciflua | √ | √ | | | |
| *Ludwigia arcuata | | | | | |
| *Ludwigia leptocarpa | | | | | |
| *Ludwigia linearis | | | | | |
| *Ludwigia octovalvis | | | | | |
| ***Ludwigia peruviana** | | | | √ | |
| *Ludwigia repens | | | | | |
| *Ludwigia | | | | | |
| Luziola fluitans (Hydrochloa carolinensis) | | | | | |
| Lyonia lucida | | | | | |
| Sabatia stellaris | √ | √ | | | |
| | | | | | |
| Cicuta maculata | √ | √ | | | |
| | | | | | |
| Carex sp. | | | √ | | |
| | | | | | |
| Rumex verticillatus | | | | √ | |
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Site: Date:

| SPECIES (M-P) | 1 | 4 | 7 | 10 | Collected? (√) |
|---|---|---|---|---|---|
| Magnolia virginiana | √ | √ | √ | √ | |
| Mayaca fluviatilis | | | | | |
| **Melaleuca quinquenervia** | | | | | |
| Micranthemum glomeratum | | | | | |
| Micranthemum umbrosum | | | | | |
| Mikania scandens | √ | √ | √ | √ | |
| **Mimosa pigra** | | | | | |
| Myrica cerifera | √ | √ | √ | √ | |
| Myriophyllum aquaticum | √ | | | | |
| *Myriophyllum heterophyllum | | | | | |
| *Myriophyllum laxum | | | | | |
| *Myriophyllum pinnatum | | | | | |
| **Myriophyllum spicatum** | | | | | |
| *Najas filifolia | | | | | |
| *Najas guadalupensis | | | | | |
| *Najas minor | | | | | |
| Nelumbo lutea | | | | | |
| Nitella spp. | | | | | |
| Nuphar sp. | √ | √ | | | |
| Nymphaea odorata | | | √ | √ | |
| Nymphoides aquatica | | | | | |
| Nyssa sylvatica var. biflora | | | | | |
| Orontium aquaticum | | | | | |
| Osmunda cinnamomea | | | | | |
| Osmunda regalis | | | | | |
| Panicum hemitomon | | | CB | √ | |
| **Panicum repens** | | √ | √ | √ | |
| Paspalidium geminatum | | √ | | | |
| *Paspalum repens | | | | | |
| Paspalum urvillei | | | | | |
| Peltandra sp. | | | | | |
| Persea sp. | | | | | |
| **Pennisetum purpureum** | | | | | |
| Phragmites australis | | | | | |
| Pinus elliottii | √ | | | | |
| **Pistia stratioides** | √ | | √ | | |
| Pluchea sp. | | √ | | | |
| *Polygonum glabrum (densiflorum) | | √ | | | |
| *Polygonum hydropiperoides | | | | | |
| *Polygonum punctatum | | | | | |
| *Polygonum sp. | | | | | |
| Pontederia cordata | | | | √ | |
| *Potamogeton diversifolius | | | | | |
| *Potamogeton illinoensis | | | | | |
| *Potamogeton pusillus | | | | | |
| *Potamogeton pectinatus | | | | | |
| Proserpinaca pectinata | | | | | |
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| SPECIES (R-Z) | 1 | 4 | 7 | 10 | Collected? (√) |
|---|---|---|---|---|---|
| *Rhexia | | | | | |
| *Rhynchospora corniculata | | | | | |
| *Rhynchospora inundata | | | | | |
| Rhynochospora tracyi | | | | | |
| Ricciocarpus natans | | | | | |
| Sabal palmetto | √ | √ | √ | | |
| Sacciolepis striata | | | | | |
| *Sagittaria filiformis | | | | | |
| *Sagittaria graminea | | | | | |
| *Sagittaria isoetiformis | | | | | |
| Sagittaria lancifolia | √ | √ | | √ | |
| Sagittaria latifolia | | | | | |
| Salix caroliniana | √ | | | | |
| **Salvinia minima** | √ | √ | √ | √ | |
| Sambucus canadensis | √ | √ | | | |
| **Sapium sebiferum** | | √ | | | |
| Saururus cernuus | | | | | |
| **Schinus terebinthifolius** | | | | | |
| *Schoenoplectus californicus (Cali bulrush) | √ | | √ | | |
| *Schoenoplectus pungens (three square) | | | | | |
| *Schoenoplectus tabernaemontani (softsteam) | | | | | |
| Scirpus cubensis (Oxycaryon cubense) | √ | √ | | | |
| Scirpus cyperinus | | | | | |
| *Sesbania | | | | | |
| Solidago sp. | | | | | |
| Sparganium americanum | | | | | |
| Spartina bakeri | | | | | |
| **Sphagneticola trilobata (Wedelia)** | | √ | | | |
| Spirodela polyrhiza | | | | | |
| Taxodium sp. | √ | √ | √ | √ | |
| Thalia geniculata | | | | | |
| Thelypteris palustris | | | | | |
| Triadenum virginicum | | | | | |
| Typha sp. | √ | √ | √ | √D | |
| **Urochloa mutica (Brachiaria mutica)** | | | | | |
| *Utricularia gibba (U. biflora) | | | | | |
| *Utricularia floridana | | | | | |
| *Utricularia foliosa | | | | | |
| *Utricularia inflata | | | | | |
| *Utricularia purpurea | | | | | |
| *Utricularia cornuta | | | | | |
| *Utricularia radiata | | | | | |
| Vallisneria americana | √ | √ | √ | | |
| *Websteria confervoides | | | | | |
| Wolffiella spp. | | | | | |
| Woodwardia virginica | | | | | |
| Xyris sp. | | | | | |
| Zizania aquatica | | | | | |
| Zizaniopsis milacea | | | | | |
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Field ID/WIN **G4SW0118**

**EP Form FD 9000-6: Lake Habitat Assessment Field Sheet**

STC / SEE — Site Name: **Lake Rousseau @ Center** — NAME — ECO-REGION:

NG LOCATION/DESCRIPTION: — COUNTY:

| PARAMETER | Optimal | Suboptimal | Marginal | Poor |
|---|---|---|---|---|
| **HYDROLOGY** | No surface inflow or outflow present, very long water residence time, groundwater seepage dominates ☐ | Surface water inflow present, but flow is rare, moderate to long water residence time ☑ | Surface water inflow and outflow present (or outflow only), sometimes with visible flow, short water residence time ☐ | Impounded, hydrology of system artificially controlled ☐ |
| **Color** | Very clear, uncolored water (benthic sampling appropriate) ☐ | Water somewhat tannin stained (benthic sampling appropriate) ☑ | Dark, discolored water (water color 20 PCU or higher) ☐ | Visibility extremely reduced due to high color ☐ |

| | Optimal | | | | | Suboptimal | | | | | Marginal | | | | | Poor | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Secchi** 11 | Secchi >3 m | | | | Secchi(m) | 3 | 2.6 | 2.2 | 1.8 | 1.4 | 1.0 | 0.9 | 0.8 | 0.7 | 0.6 | 0.5 | 0.4 | 0.3 | 0.2 | 0.1 |
| | Or VOB | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
| **Vegetation Quality** 9 | Diverse, expected native vegetation (emergent or submersed), less than 5% nuisance taxa | | | | | Mostly expected native plants, but moderate growths (6%-20% of lake) of nuisance macrophytes, or more than 50% of lake covered with plants | | | | | Large masses (21%- 40%) of nuisance macrophytes (e.g., Hydrilla, hyacinth, cattail, etc.) or algal mats | | | | | Lake choked (>40%) with nuisance macrophytes (duck-weed, hyacinth, etc.) or algal mats, or few plants present at all (e.g., plants removed) | | | | |
| | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
| **Stormwater Inputs** 19 | Stormwater enters system via sheet flow over non-cultivated and/or natural vegetation | | | | | Some direct stormwater inputs (ditches, pipes, cultivated vegetation < 10%) but good BMPs in place | | | | | Moderate direct inputs of stormwater (ditches, pipes, cultivated vegetation 11%-50%) but few BMPs in place | | | | | Much direct input of stormwater (ditches, pipes, cultivated vegetation > 51%) and no or ineffective BMPs in place | | | | |
| | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
| **Bottom Substrate Quality** 18 | Diverse mixture of sand, detritus, with small amounts of CPOM/mud/muck. SAV may be present | | | | | Mixture of sand or clay and detritus with higher % CPOM/mud/muck content. SAV may be present | | | | | Moderate layer of CPOM/ mud/muck, or hardpacked sand only, or moderate algal growth (mats or Chara) on bottom | | | | | Thick deposits of CPOM, or fine detritus and anaerobic muck/mud/silt, or algal growth or nuisance plants (Hydrilla) cover bottom | | | | |
| | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
| **Lakeside Adverse Human Alternations** 13 | Very few man-made structures, roads, or other disturbance adjacent to lake (<10%) | | | | | Moderate disturbance visible (structures, roads or other), 10%-49% lakeside affected | | | | | Many structures, roads or other human disturbance visible (50%-70%) lakeside affected) | | | | | Highly developed or disturbed (>70% of lakeside affected) | | | | |
| | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
| **Upland Buffer Zone** 12 | Expected native vegetation between uplands and littoral zone, greater than 90% of shore with >18 m buffer | | | | | 89%-51% of shoreline with >18m buffer or >75% with 10m to 18m buffer | | | | | 50%-30% of shoreline with >18m buffer or 50%-74% with 10m to 18m buffer | | | | | < 29% of shoreline with >18m buffer | | | | |
| | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
| **Adverse Watershed Land Use** 18 | Score the potential effects from adverse human land uses, based on a continuum of amount and type, with least to most adverse as follows: Native vegetation, Silviculture, Pasture or Citrus, Low Density Residential, Row Crops, Commercial, High Density Residential, Urban, Industrial | | | | | | | | | | | | | | | | | | | |
| | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |

TOTAL SCORE: 100

COMMENTS:

ANALYSIS DATE: 6/27/23

ANALYST: Beth Mathias, Ben Paswater, Megan Maloney, Lauren McNally

SIGNATURE:

DEP FORM FD 9000-31: LAKE OBSERVATION FIELD SHEET

Field ID/WIN **G4SW0118**

SAM

SA Site Name: **Lake Rousseau @ Center**

COUNTY:

LAKE SIZE:

WBID:

MACROPHYTE ID:

## WATERSHED / LAKESIDE FEATURES

**PREDOMINANT LAND-USE IN WATERSHED** (specify relative percent in each category – from GIS ) :

| Forest/Natural | Silviculture | Field/Pasture | Agricultural | Residential | Commercial | Industrial | Other (Specify) |
|---|---|---|---|---|---|---|---|
| 70 | | | | 30 | | | |

**LANDSCAPE DEVELOPMENT INTENSITY (100 m buffer)**

LDI: 5

Land Use Source & Year:

Local Watershed Erosion (select one) : ☐ None ☐ Slight ☐ Moderate ☐ Heavy

Local Watershed NPS Pollution : ☐ No evidence ☐ Slight ☐ Moderate ☐ Heavy

**Artificially Impounded** ☐ Yes ☑ No

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STORMWATER INPUTS 19 | Stormwater enters system via sheet flow over non-cultivated and/or natural vegetation | | | | | Some direct stormwater inputs (ditches, pipes, cultivated vegetation < 10%) but good BMPs in place | | | | | Moderate direct inputs of stormwater (ditches, pipes, cultivated vegetation 11%-50%) but few BMPs in place | | | | | Much direct input of stormwater (ditches, pipes, cultivated vegetation > 51%) and no or ineffective BMPs in place | | | | |
| | 20 | (19) | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
| LAKESIDE ALTERATIONS 13 | Very few man-made structures, roads, or other disturbance adjacent to lake (<10% lakeside affected) | | | | | Moderate disturbance visible - structures, roads or other (10%-49% lakeside affected) | | | | | Many structures, roads or other human disturbance visible (50%-70% lakeside affected) | | | | | Highly developed or disturbed (>70% of lakeside affected) | | | | |
| | 20 | 19 | 18 | 17 | 16 | 15 | 14 | (13) | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
| BUFFER ZONE 12 | Expected native vegetation between uplands and littoral zone, greater than 90% of shore with >18 m buffer | | | | | 89%-51% of shoreline with >18m buffer or >75% with 10m to 18m buffer | | | | | 50%-30% of shoreline with >18m buffer or 50%-74% with 10m to 18m buffer | | | | | < 29% of shoreline with >18m buffer | | | | |
| | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | (12) | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |

## WATER / SUBSTRATE / BIOLOGICAL: SAMPLES AND OBSERVATIONS

**Water:**

Nutrient Sample Taken? ☑ Yes ☐ No Preserved? ☑ Yes ☑ pH<2 ☐ No

Color Sample Taken? ☑ Yes ☐ No Lot # SA30130320 Exp. Date: 01/25/24

Alkalinity Sample Taken? ☑ Yes ☐ No

Water Level ☐ Low ☑ Normal ☐ High

**Water Odors:** ☑ Normal ☐ Sewage ☐ Petroleum ☐ Other

**Water Surface Oils:** ☑ None ☐ Sheen/Slick ☐ Glob ☐ Other

| Meter Readings: | Depth (M) | Temp. (°C) | pH (SU) | D.O. (MG/L) | D.O. Sat. (%) | Cond. (UMHO/CM) | Salinity (PPT) |
|---|---|---|---|---|---|---|---|
| Top: | 0.3 | 30.0 | 8.11 | 8.93 | 118.2 | 2754 | 0.13 |
| Mid-Depth: | 2.0 | 29.7 | 8.18 | 9.61 | 126.6 | 278.7 | 0.13 |
| Bottom : | 2.4 | 29.4 | 8.25 | 10.15 | 133.0 | 281.9 | 0.13 |

Meter ID: Leia

**Clarity:** ☑ Clear ☐ Opaque ☐ Turbid ☐ Slightly Turbid

**Color:** ☑ Clear ☐ Tannic ☐ Green

SECCHI (M): 1.6

VOB ☐

Total Station Depth (M): 2.9

**Sediment Type:** (may check more than one)

☑ Sandy ☑ Organic fibrous (peaty, CPOM) ☑ Vegetated

☐ Sand/Silt ☐ Organic smooth (muck) ☐ Other (Specify):

Sample Taken? ☐ Yes ☑ No

**Sediment Odors:**

☑ Normal ☐ Other (Specify):

☐ Anaerobic

**Biological Communities:**

LVI Conducted? ☑ Yes ☐ No

Phytoplankton Sample Taken? ☐ Yes ☑ No

Sample Preserved? ☐ Yes ☐ No

Lot #: Exp Date:

Algal Bloom/Algal ID Sample Taken? Yes No

Active Vegetation Mgmt? ☑ Yes ☐ No ☐ Don't Know

**Abundance:**

| | Absent | Rare | Common | Abundant |
|---|---|---|---|---|
| Periphyton | ☐ | ☑ | ☐ | ☐ |
| Nuisance Plants | ☐ | ☐ | ☑ | ☐ |
| Submersed Plants | ☐ | ☐ | ☐ | ☑ |
| Exotic Apple Snails | ☑ | ☐ | ☐ | ☐ |

**Additional Notes:**

**Weather Conditions :**

**SAMPLING TEAM:** Devin Mathias, Ben Panswater, Megan Maloney, Lauren McNally

**SIGNATURE:**

**DATE:** 6/27/23

W Dunnellon Rd
N Gitrus Ave
N Nothcut Ave
Lake Rousseau
W Riverwood Dr