



## FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

## STRATEGIC MONITORING PLAN Field Sheet

July 2022

Meter  
Passed End  
of Day CCV☒ Yes ☐ No

|                          |                      |         |         |      |              |               |           |
|--------------------------|----------------------|---------|---------|------|--------------|---------------|-----------|
| WIN Station Name:        | DREAM LAKE AT CENTER |         |         |      | Sample Date: | 7/13/2023     |           |
| WIN / Field ID:          | G2CE0274             | ORG ID: | 21FLCEN | ENR: | -            | Latitude:     | 28.68406  |
| County:                  | ORANGE               | WBID:   | 2993A   | LAKE |              | Longitude:    | -81.51148 |
| Receiving Body of Water: | -                    |         |         |      | RQ-          | 2023-07-10-51 |           |

| Sampling Team Members | WQ Measurements | Sample Collection | Documentation | Preservation | Preservation Check |
|-----------------------|-----------------|-------------------|---------------|--------------|--------------------|
| Katie March           |                 | x                 |               | x            | x                  |
| Victoria Schwartz     | x               |                   | x             |              |                    |
|                       |                 |                   |               |              |                    |
|                       |                 |                   |               |              |                    |

| Sampling Equipment |                      |          |                |          |
|--------------------|----------------------|----------|----------------|----------|
| x                  | Sample Container     |          | Carboy         |          |
|                    | Dipper               |          | Van Dorn       |          |
|                    | Syringe              |          | Pole           |          |
|                    | Syringe Lot#         | 2327923  | Filter Lot#    | 17769663 |
|                    | Secchi Equipment ID: | Knothead |                |          |
| Collection Method  |                      |          |                |          |
|                    | Wading               | x        | Canoe/Kayak    |          |
|                    | From Shore           |          | Electric Motor |          |
|                    |                      |          | Gasoline Motor |          |
|                    | Depth Measured With  | Secchi   |                |          |

|                 |             |
|-----------------|-------------|
| Water Level:    | Normal      |
| Flow:           | NA          |
| Matrix:         | Fresh       |
| Tide Stage:     |             |
| High Tide:      |             |
| Low Tide:       |             |
| Photos:         | Yes         |
| Meter ID:       | Craw Daddy  |
| 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 (PPTth) |
|-----------|------|-----------------|------------------|-----------|-----------|------------|------|-----------------|--------------------|------------------|
| EST       | 1433 | 7.6             | 0.3              | 7.51      | 104       | 32.7       | 7.17 | 2.9             | 204.5              | 0.09             |
|           | 1441 |                 | 2                | 7.53      | 102.1     | 31.4       | 7.14 |                 | 203.6              | 0.09             |
|           | 1443 |                 | 7.1              | 0.32      | 3.9       | 25.2       | 6.47 |                 | 257.2              | 0.12             |

Biological Samples Collected:

LVI

SBIO Visit ID:

87460

HA ID:

RPS ID:

Macrophyte ID:

LIMS Sample ID

12516

In The Macrophyte Module: 2423991

| Parameter Suite          | Parameter Methods (LIMS Test Codes)         |                               |                 | Preservation |     |                                                                                              |                                 |
|--------------------------|---------------------------------------------|-------------------------------|-----------------|--------------|-----|----------------------------------------------------------------------------------------------|---------------------------------|
|                          | Type                                        | Lot#                          | Expiration Date | pH Check     |     |                                                                                              |                                 |
| Microbiology             |                                             |                               |                 |              |     |                                                                                              |                                 |
| Chlorophyll              | CHLSUITE-W                                  |                               |                 |              | ICE |                                                                                              |                                 |
| Physical/Aggregate       | ALKALINITY, TURBIDITY, W-F, W-TSS           |                               |                 |              | ICE |                                                                                              |                                 |
| Nutrients                | 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#:2327923; Filter Lot#:17769663                                                    |                                 |
| 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                   | W-ICPMS                                     | W-ICP                         | W-HARD          |              | ICE | HNO3**                                                                                       | NA2230040 09/01/2023 HNO3 pH<2  |
| Organics (LC)            | W-E8321-DI                                  | W-E8321-MS                    |                 |              |     | MCAA***                                                                                      |                                 |
| Macroinvertebrates       |                                             |                               |                 |              |     |                                                                                              |                                 |
| Organics (GC)            | W-PSNP-TQ                                   | W-TR-SQ-R                     |                 |              | Ice | *2.0 ml of H2SO4 Used Unless Noted Otherwise<br>**2.0 ml of HNO3 Used Unless Noted Otherwise |                                 |
| Molecular                |                                             |                               |                 |              |     |                                                                                              |                                 |
| Periphyton               |                                             |                               |                 |              |     |                                                                                              |                                 |
| Phytoplankton            |                                             |                               |                 |              |     |                                                                                              |                                 |
| BOD                      |                                             |                               |                 |              |     |                                                                                              |                                 |
| DOC                      |                                             |                               |                 |              |     | SyringLot#                                                                                   | FilterLot#                      |
| Other(s)                 |                                             |                               |                 |              |     |                                                                                              |                                 |
| Field Comments:          | Sunny                                       |                               |                 |              |     |                                                                                              |                                 |
| Comments on COC:         |                                             |                               |                 |              |     |                                                                                              |                                 |
| Relinquish Date:         | 07/13/2023                                  | Signature:                    |                 |              |     |                                                                                              |                                 |

LIMS EVENT ID: CEN-DIST-2023-07-14-01

WIN Import ID: 42283

Enter Field Parameters, Verify Station ID In LIMS DMT: KWM 7/31/23

QC Station ID, Field Parameters In LIMS DMT: VLS 8/2/23

Save Field Sheets on Network: KWM 8/22/23 (Initials/Date)

Migrate Data to WIN: KWM 8/22/23 (Initials/Date)

# DEP FORM FD 9000-31: LAKE OBSERVATION FIELD SHEET

**SAMPLE ID:** \_\_\_\_\_ **MACROPHYTE ID:** \_\_\_\_\_ **LATITUDE:** 28.68406  
**COUNTY:** Orange **STORET #:** G2CE0274 **LONGITUDE:** -81.51148  
**DATE:** 7/13/23 **TIME:** 14:33 **SAMPLING AGENCY:** 21 FL CEN  
**SITE NAME:** Dream Lake @ Center **WBID:** 2993A  
**FIELD ID/NAME:** G2CE0274 **LAKE SIZE:** \_\_\_\_\_ **RQ:** 2023-07-10-51

## WATERSHED / LAKESIDE FEATURES

| PREDOMINANT LAND-USE IN WATERSHED (specify relative percent in each category – from GIS) :                                                                                       |              |                                                                                                           |              |             |                                                                                                    |            |                 |                                                                                                            |  | LANDSCAPE DEVELOPMENT INTENSITY (100 m buffer) |                                                                                                                   |  |  |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------------------------------------------------------------------------------------------------------|--------------|-------------|----------------------------------------------------------------------------------------------------|------------|-----------------|------------------------------------------------------------------------------------------------------------|--|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|--|--|--|
| Forest/Natural                                                                                                                                                                   | Silviculture | Field/Pasture                                                                                             | Agricultural | Residential | Commercial                                                                                         | Industrial | Other (Specify) |                                                                                                            |  |                                                |                                                                                                                   |  |  |  |
|                                                                                                                                                                                  |              |                                                                                                           |              | <u>95</u>   |                                                                                                    |            | <u>5</u>        |                                                                                                            |  |                                                |                                                                                                                   |  |  |  |
| Local Watershed Erosion (select one) : <input type="checkbox"/> None <input checked="" type="checkbox"/> Slight <input type="checkbox"/> Moderate <input type="checkbox"/> Heavy |              |                                                                                                           |              |             |                                                                                                    |            |                 | Artificially Impounded                                                                                     |  | LDI: <input type="text"/>                      |                                                                                                                   |  |  |  |
| Local Watershed NPS Pollution : <input type="checkbox"/> No evidence <input type="checkbox"/> Slight <input checked="" type="checkbox"/> Moderate <input type="checkbox"/> Heavy |              |                                                                                                           |              |             |                                                                                                    |            |                 | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                        |  | Land Use Source & Year:                        |                                                                                                                   |  |  |  |
| STORMWATER INPUTS                                                                                                                                                                |              | 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 |  |  |  |
| <u>4</u>                                                                                                                                                                         |              | 20 19 18 17 16                                                                                            |              |             | 15 14 13 12 11                                                                                     |            |                 | 10 9 8 7 6                                                                                                 |  |                                                | 5 4 3 2 1                                                                                                         |  |  |  |
| LAKESIDE ALTERATIONS                                                                                                                                                             |              | 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)                                                         |  |  |  |
| <u>4</u>                                                                                                                                                                         |              | 20 19 18 17 16                                                                                            |              |             | 15 14 13 12 11                                                                                     |            |                 | 10 9 8 7 6                                                                                                 |  |                                                | 5 4 3 2 1                                                                                                         |  |  |  |
| BUFFER ZONE                                                                                                                                                                      |              | 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                                                                               |  |  |  |
| <u>5</u>                                                                                                                                                                         |              | 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

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |  |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|
| <b>Water:</b><br>Nutrient Sample Taken? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Preserved? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No pH<2 <input type="checkbox"/> No<br>Color Sample Taken? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Lot # <u>SA3013020</u> Exp. Date: <u>1/25/24</u><br>Alkalinity Sample Taken? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br>Water Level <input type="checkbox"/> Low <input checked="" type="checkbox"/> Normal <input type="checkbox"/> High |  |  |  |  |  |  |  | <b>Water Odors:</b> <input checked="" type="checkbox"/> Normal<br><input type="checkbox"/> Sewage <input type="checkbox"/> Petroleum <input type="checkbox"/> Other _____                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |  |  |
| <b>Meter Readings:</b><br>Top: <u>0.3</u> <u>32.7</u> <u>7.17</u> <u>7.51</u> <u>104</u> <u>204.5</u> <u>0.09</u><br>Mid-Depth: <u>2</u> <u>31.4</u> <u>7.14</u> <u>7.53</u> <u>102.1</u> <u>203.6</u> <u>0.09</u><br>Bottom: <u>7.1</u> <u>25.2</u> <u>6.47</u> <u>0.32</u> <u>3.9</u> <u>257.2</u> <u>0.12</u>                                                                                                                                                                                                                                                                             |  |  |  |  |  |  |  | <b>Water Surface Oils:</b> <input checked="" type="checkbox"/> None<br><input type="checkbox"/> Sheen/Slick <input type="checkbox"/> Glob <input type="checkbox"/> Other _____                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |  |  |
| <b>Meter ID:</b> <u>Craw Daddy</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |  |  |  | <b>Clarity:</b> <input checked="" type="checkbox"/> Clear <input type="checkbox"/> Opaque <input type="checkbox"/> Turbid <input type="checkbox"/> Slightly Turbid<br><b>Color:</b> <input type="checkbox"/> Clear <input type="checkbox"/> Tannic <input checked="" type="checkbox"/> Green                                                                                                                                                                                                                                                              |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |  |  |
| <b>Sediment Type:</b> (may check more than one)<br><input type="checkbox"/> Sandy <input checked="" type="checkbox"/> Organic fibrous (peaty, CPOM) <input checked="" type="checkbox"/> Sand/Silt <input checked="" type="checkbox"/> Organic smooth (muck)<br>Sample Taken? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Vegetated <input type="checkbox"/> Other (Specify): _____                                                                                                                                                                                   |  |  |  |  |  |  |  | <b>SECCHI (M)</b> <u>2.9</u> <b>Total Station Depth (M)</b> <u>7.6</u><br><b>VOB</b> <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |  |  |
| <b>Sediment Odors:</b><br><input type="checkbox"/> Normal <input type="checkbox"/> Other (Specify): _____<br><input checked="" type="checkbox"/> Anaerobic                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |  |  |  |  | <b>Biological Communities:</b><br>LVI Conducted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br>Phytoplankton Sample Taken? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Sample Preserved? <input type="checkbox"/> Yes <input type="checkbox"/> No<br>Lot #: _____ Exp Date: _____<br>Algal Bloom/Algal ID Sample Taken? Yes <input checked="" type="checkbox"/> No<br>Active Vegetation Mgmt? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Don't Know |  |  |  |  |  |  |  | <b>Abundance:</b><br>Absent Rare Common Abundant<br>Periphyton <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/><br>Nuisance Plants <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/><br>Submersed Plants <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/><br>Exotic Apple Snails <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |  |  |  |  |  |  |  |
| <b>Additional Notes:</b><br>• LVI: no dominant Sec. 1<br>• Filamentous algae along shoreline + epiphytic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |  |  |
| <b>Weather Conditions:</b> <u>hot/sunny</u> <u>mild to moderate silt smothering of submerged vegetation</u><br><u>native apple snails present</u>                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |  |  |
| <b>SAMPLING TEAM:</b> <u>Katie Mann / Victoria Schwab</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |  |  |  |  |  | <b>SIGNATURE:</b> <u>Katie Mann</u> <u>Victoria Schwab</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |  |  |
| <b>DATE:</b> <u>7/13/23</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |  |  |

Water - clear  
slit long sediments  
green/brown water  
sandy muck

filamentous algae shoreline / epiphytic

natural maple snails

DEP FORM FD 9000-27 LAKE VEGETATION INDEX FIELD SHEET

(no dominant Sec. 1)

|                                                                                                                                                            |                                        |                                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|----------------------------------------|
| Waterbody: <u>Dream Lake</u>                                                                                                                               | County: <u>Orange</u>                  | Date: <u>7/13/23</u>                   |
| Analyst: <u>Kate March / Victoria Schwartz</u>                                                                                                             | Signature: <u>K March / V Schwartz</u> | STORET: <u>62CE0274</u>                |
| Except where noted as "sp." species level identification required. *Genera that may require lab verification*                                              |                                        | Lake units sampled (circle one group): |
| Plants in bold = FLEPPC invasive exotic.                                                                                                                   |                                        | <u>1, 4, 7, 10</u> 2, 5, 8, 11         |
| 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. |                                        | 3, 6, 9, 12                            |

| SPECIES                                          | 1 | 4 | 7 | 10 | Collected? (v) | SPECIES                                        | 1 | 4 | 7 | 10 | Collected? (v) |
|--------------------------------------------------|---|---|---|----|----------------|------------------------------------------------|---|---|---|----|----------------|
| Acer rubrum                                      | / | / | / | /  |                | Fraxinus                                       |   |   |   |    |                |
| <b>Alternanthera philoxeroides</b>               | / | / | / | /  |                | Fuirena scirpoidea                             |   |   |   |    |                |
| Amaranthus australis                             |   |   |   |    |                | Gordonia lasianthus                            |   |   |   |    |                |
| Andropogon sp.                                   |   |   |   |    |                | Habenaria repens                               |   |   |   |    |                |
| Azolla filiculoides (A. caroliniana)             |   |   |   |    |                | Hibiscus coccineus                             |   |   |   |    |                |
| Baccharis sp.                                    |   |   |   |    |                | Hibiscus grandiflorus                          |   |   |   |    |                |
| Bacopa caroliniana                               |   |   |   |    |                | <b>Hydrilla verticillata</b>                   |   |   |   |    |                |
| Bacopa monnieri                                  | / | / | / | /  |                | Hydrocotyle sp.                                | / | / | / | /  |                |
| Bidens alba                                      |   |   |   |    |                | <b>Hygrophila polysperma</b>                   |   |   |   |    |                |
| Bidens laevis                                    |   |   |   |    |                | Hymenocallis sp.                               |   |   |   |    |                |
| Bidens mitis                                     |   |   |   |    |                | *Hypericum fasciculatum                        |   |   |   |    |                |
| Boehmeria cylindrica                             | / | / | / | /  |                | *Hypericum hypericoides                        |   |   |   |    |                |
| Brasenia schreberi                               |   |   |   |    |                | *Hypericum myrtifolium                         |   |   |   |    |                |
| Cabomba caroliniana                              |   |   |   |    |                | Ilex cassine                                   |   |   |   |    |                |
| Canna sp.                                        |   |   |   | /  |                | <b>Ipomoea aquatica</b>                        |   |   |   |    |                |
| Centella asiatica                                |   |   |   |    |                | Ipomoea sagittata                              |   |   |   |    |                |
| Cephalanthus occidentalis                        |   |   |   |    |                | Itea virginica                                 |   |   |   |    |                |
| Ceratophyllum demersum                           |   |   |   |    |                | Juncus effusus                                 |   |   |   |    |                |
| Chara sp.                                        | / | / | / | /  |                | *Juncus marginatus                             |   |   |   |    |                |
| Cicuta maculata                                  |   |   |   |    |                | *Juncus megacephalus                           |   |   |   |    |                |
| Cinnamomum camphora                              |   |   |   |    |                | Juncus repens                                  |   |   |   |    |                |
| Cladium jamaicense                               |   |   |   |    |                | *Juncus scirpoides                             |   |   |   |    |                |
| <b>Colocasia esculenta</b>                       |   |   |   |    |                | Lachnanthes caroliniana                        |   |   |   |    |                |
| *Commelina <u>sp</u>                             | / | / | / | /  |                | Leersia hexandra                               |   |   |   |    |                |
| Crinum americanum                                |   |   |   |    |                | <b>Landoltia punctata (Spirodela punctata)</b> |   |   |   |    |                |
| Cyperus articulatus                              |   |   |   |    |                | Lemna sp.                                      |   |   |   |    |                |
| Cyperus blepharoleptos (Scirpus cubensis)        | / | / | / | /  |                | Leucothoe racemosa (Eubotrys racemosa)         |   |   |   |    |                |
| Cyperus haspan                                   |   |   |   |    |                | Limnium spongia                                |   |   |   |    |                |
| <b>*Cyperus involucratus</b>                     |   |   |   |    |                | <b>Limnophila sessiliflora</b>                 |   |   |   |    |                |
| *Cyperus lecontei                                |   |   |   |    |                | Liquidambar styraciflua                        |   |   |   |    |                |
| *Cyperus odoratus                                |   |   |   |    |                | *Ludwigia arcuata                              |   |   |   |    |                |
| *Cyperus polystachyos                            | / | / | / | /  |                | *Ludwigia grandiflora                          |   |   |   |    |                |
| *Cyperus surinamensis                            |   |   |   |    |                | *Ludwigia hexapetala                           |   |   |   |    |                |
| Cyrtilla racemiflora                             |   |   |   |    |                | *Ludwigia leptocarpa                           |   |   |   |    |                |
| Decodon verticillatus                            |   |   |   |    |                | Ludwigia (native)                              |   |   |   |    |                |
| Diodia virginiana                                |   |   |   |    |                | *Ludwigia octovalvis                           |   |   |   |    |                |
| *Echinochloa crus-galli                          |   |   |   |    |                | <b>*Ludwigia peruviana</b>                     | / | / | / | /  |                |
| *Echinochloa muricata                            |   |   |   |    |                | *Ludwigia repens                               | / | / | / | /  |                |
| Echinochloa walteri                              |   |   |   |    |                | Ludwigia suffruticosa                          |   |   |   |    |                |
| Eclipta prostrata                                | / | / | / | /  |                | Luziola fluitans (Hydrochloa carolinensis)     |   |   |   |    |                |
| <b>Eichhornia crassipes</b>                      |   |   |   |    |                | Magnolia virginiana                            |   |   |   |    |                |
| *Eleocharis                                      |   |   |   |    |                | Mayaca fluviatilis                             |   |   |   |    |                |
| Eleocharis cellulosa                             |   |   |   |    |                | <b>Melaleuca quinquenervia</b>                 |   |   |   |    |                |
| *Eleocharis elongata                             | / | / | / | /  |                | Micranthemum glomeratum                        | / | / | / | /  |                |
| Eleocharis equisetoides                          |   |   |   |    |                | Micranthemum umbrosum                          |   |   |   |    |                |
| Eleocharis interstincta                          |   |   |   |    |                | Mikania scandens                               | / | / | / | /  |                |
| Eleocharis vivipara (submersed) <u>Submersed</u> | / | / | / | /  |                | <b>Mimosa pigra</b>                            | / | / | / | /  |                |
| *Eriocaulon compressum                           |   |   |   |    |                | Myrica cerifera                                | / | / | / | /  |                |
| *Eriocaulon decangulare                          |   |   |   |    |                |                                                |   |   |   |    |                |
| Eupatorium capillifolium                         |   |   |   |    |                |                                                |   |   |   |    |                |

FORM FD 9000-27: LAKE VEGETATION INDEX FIELD SHEET

| Site: <u>Dream Lake</u>                        |  |  |  |                | Date: <u>7/13/23</u>                               |  |  |  |                |
|------------------------------------------------|--|--|--|----------------|----------------------------------------------------|--|--|--|----------------|
| SPECIES                                        |  |  |  | Collected? (✓) | SPECIES                                            |  |  |  | Collected? (✓) |
| <b>Myriophyllum aquaticum</b>                  |  |  |  |                | <b>Salix caroliniana</b>                           |  |  |  |                |
| *Myriophyllum heterophyllum                    |  |  |  |                | <b>Salvinia minima</b>                             |  |  |  |                |
| *Myriophyllum laxum                            |  |  |  |                | Sambucus canadensis                                |  |  |  |                |
| *Myriophyllum pinnatum                         |  |  |  |                | <b>Sapium sebiferum</b>                            |  |  |  |                |
| <b>Myriophyllum spicatum</b>                   |  |  |  |                | Saururus cernuus                                   |  |  |  |                |
| *Najas filifolia                               |  |  |  |                | <b>Schinus terebinthifolius</b>                    |  |  |  |                |
| *Najas guadalupensis                           |  |  |  |                | *Schoenoplectus californicus                       |  |  |  |                |
| *Najas minor                                   |  |  |  |                | *Schoenoplectus pungens                            |  |  |  |                |
| Nelumbo lutea                                  |  |  |  |                | *Schoenoplectus tabernaemontani                    |  |  |  |                |
| Nitella spp.                                   |  |  |  |                | Scirpus cyperinus                                  |  |  |  |                |
| Nuphar sp.                                     |  |  |  |                | *Sesbania (red) pun                                |  |  |  |                |
| Nymphaea mexicana                              |  |  |  |                | Solidago sp.                                       |  |  |  |                |
| Nymphaea odorata                               |  |  |  |                | Sparganium americanum                              |  |  |  |                |
| Nymphoides aquatica                            |  |  |  |                | Spartina bakeri                                    |  |  |  |                |
| Nyssa sylvatica var. biflora                   |  |  |  |                | Spirodela polyrhiza                                |  |  |  |                |
| Orontium aquaticum                             |  |  |  |                | Taxodium sp.                                       |  |  |  |                |
| Osmunda cinnamomea                             |  |  |  |                | Thalia geniculata                                  |  |  |  |                |
| Osmunda regalis                                |  |  |  |                | Thelypteris interrupta                             |  |  |  |                |
| Panicum hemitomon                              |  |  |  |                | Thelypteris palustris                              |  |  |  |                |
| <b>Panicum repens</b>                          |  |  |  |                | Triadenum virginicum                               |  |  |  |                |
| Paspalidium geminatum                          |  |  |  |                | Typha sp.                                          |  |  |  |                |
| *Paspalum repens                               |  |  |  |                | <b>Urochloa mutica (Brachiaria mutica)</b>         |  |  |  |                |
| Paspalum urvillei                              |  |  |  |                | *Utricularia gibba (U. biflora)                    |  |  |  |                |
| Peltandra sp.                                  |  |  |  |                | *Utricularia foliosa                               |  |  |  |                |
| Persea sp. palustris (Swamp bay)               |  |  |  |                | *Utricularia inflata                               |  |  |  |                |
| *Persicaria glabra (densiflora)                |  |  |  |                | *Utricularia purpurea                              |  |  |  |                |
| Persicaria hirsuta                             |  |  |  |                | *Utricularia radiata                               |  |  |  |                |
| *Persicaria hydropiperoides                    |  |  |  |                | *Utricularia resupinata                            |  |  |  |                |
| *Persicaria punctata                           |  |  |  |                | Vallisneria americana                              |  |  |  |                |
| *Persicaria                                    |  |  |  |                | Vitis sp.                                          |  |  |  |                |
| <b>Pennisetum purpureum</b>                    |  |  |  |                | *Websteria confervoides                            |  |  |  |                |
| Phragmites australis                           |  |  |  |                | <b>Wedelia trilobata (Sphagneticola trilobata)</b> |  |  |  |                |
| Pinus elliotii                                 |  |  |  |                | Wolffiella spp.                                    |  |  |  |                |
| <b>Pistia stratiotes</b>                       |  |  |  |                | Woodwardia virginica                               |  |  |  |                |
| Pluchea sp.                                    |  |  |  |                | Xyris sp.                                          |  |  |  |                |
| Pontederia cordata                             |  |  |  |                | Zizania aquatica                                   |  |  |  |                |
| *Potamogeton diversifolius                     |  |  |  |                | Zizaniopsis milacea                                |  |  |  |                |
| *Potamogeton illinoensis                       |  |  |  |                | <i>Eleocharis sp.</i>                              |  |  |  |                |
| *Potamogeton pusillus                          |  |  |  |                | <i>magnolia grandiflora</i>                        |  |  |  |                |
| *Potamogeton pectinatus (Stuckenia pectinatus) |  |  |  |                | <i>Rubus sp.</i>                                   |  |  |  |                |
| Proserpinaca pectinata                         |  |  |  |                |                                                    |  |  |  |                |
| *Rhexia                                        |  |  |  |                |                                                    |  |  |  |                |
| *Rhynchospora corniculata                      |  |  |  |                |                                                    |  |  |  |                |
| *Rhynchospora inundata                         |  |  |  |                |                                                    |  |  |  |                |
| Rhynchospora nitens                            |  |  |  |                |                                                    |  |  |  |                |
| Ricciocarpus natans                            |  |  |  |                |                                                    |  |  |  |                |
| Sabal palmetto                                 |  |  |  |                |                                                    |  |  |  |                |
| Sacciolepis striata                            |  |  |  |                |                                                    |  |  |  |                |
| *Sagittaria filiformis                         |  |  |  |                |                                                    |  |  |  |                |
| *Sagittaria graminea                           |  |  |  |                |                                                    |  |  |  |                |
| *Sagittaria isoetiformis                       |  |  |  |                |                                                    |  |  |  |                |
| Sagittaria lancifolia                          |  |  |  |                |                                                    |  |  |  |                |
| Sagittaria latifolia                           |  |  |  |                |                                                    |  |  |  |                |

# LVI MAP FOR DREAM LAKE, WBID 2993A

