

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

|                                                 |                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                              |                                                                                                                                                 |                                                                                                                                                         |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| STORET STATION NUMBER:                          | DATE (M/D/Y)<br>8/28/2023                                                                                                                                                                                                                                                                                                                       | LAKE NAME<br>Lake Lynn                                                                                                                                       |                                                                                                                                                 | FIELD ID / NAME:<br>645E0175                                                                                                                            |
| ECO-REGION:                                     | COUNTY:<br>Highlands                                                                                                                                                                                                                                                                                                                            | SAMPLING LOCATION/DESCRIPTION:<br>Lake Lynn near center                                                                                                      |                                                                                                                                                 | LAKE SIZE:                                                                                                                                              |
| <b>PARAMETER</b>                                | No surface inflow or outflow present, very long water residence time, groundwater seepage dominates<br><input checked="" type="checkbox"/>                                                                                                                                                                                                      | Surface water inflow present, but flow is rare, moderate to long water residence time<br><input type="checkbox"/>                                            | Surface water inflow and outflow present (or outflow only), sometimes with visible flow, short water residence time<br><input type="checkbox"/> | Impounded, hydrology of system artificially controlled<br><input type="checkbox"/>                                                                      |
| <b>HYDROLOGY</b>                                |                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                              |                                                                                                                                                 |                                                                                                                                                         |
| <b>Color</b>                                    | Very clear, uncolored water (benthic sampling appropriate)<br><input checked="" type="checkbox"/>                                                                                                                                                                                                                                               | Water somewhat tannin stained (benthic sampling appropriate)<br><input type="checkbox"/>                                                                     | Dark, discolored water (water color 20 PCU or higher)<br><input type="checkbox"/>                                                               | Visibility extremely reduced due to high color<br><input type="checkbox"/>                                                                              |
|                                                 | <b>Optimal</b>                                                                                                                                                                                                                                                                                                                                  | <b>Suboptimal</b>                                                                                                                                            | <b>Marginal</b>                                                                                                                                 | <b>Poor</b>                                                                                                                                             |
| <b>Secchi</b><br>20                             | Secchi >3 m<br>Or VOB<br>20 19 18 17 16                                                                                                                                                                                                                                                                                                         | 3 2.6 2.2 1.8 1.4<br>15 14 13 12 11                                                                                                                          | 1.0 0.9 0.8 0.7 0.6<br>10 9 8 7 6                                                                                                               | 0.5 0.4 0.3 0.2 0.1<br>5 4 3 2 1                                                                                                                        |
| <b>Vegetation Quality</b><br>15                 | Diverse, expected native vegetation (emergent or submersed), less than 5% nuisance taxa<br>20 19 18 17 16                                                                                                                                                                                                                                       | Mostly expected native plants, but moderate growths (6%-20% of lake) of nuisance macrophytes, or more than 50% of lake covered with plants<br>15 14 13 12 11 | Large masses (21%-40%) of nuisance macrophytes (e.g., Hydrilla, hyacinth, cattail, etc.) or algal mats<br>10 9 8 7 6                            | Lake choked (>40%) with nuisance macrophytes (duckweed, hyacinth, etc.) or algal mats, or few plants present at all (e.g., plants removed)<br>5 4 3 2 1 |
| <b>Stormwater Inputs</b><br>14                  | Stormwater enters system via sheet flow over non-cultivated and/or natural vegetation<br>20 19 18 17 16                                                                                                                                                                                                                                         | Some direct stormwater inputs (ditches, pipes, cultivated vegetation < 10%) but good BMPs in place<br>15 14 13 12 11                                         | Moderate direct inputs of stormwater (ditches, pipes, cultivated vegetation 11%-50%) but few BMPs in place<br>10 9 8 7 6                        | Much direct input of stormwater (ditches, pipes, cultivated vegetation > 51%) and no or ineffective BMPs in place<br>5 4 3 2 1                          |
| <b>Bottom Substrate Quality</b><br>20           | Diverse mixture of sand, detritus, with small amounts of CPOM/mud/muck. SAV may be present<br>20 19 18 17 16                                                                                                                                                                                                                                    | Mixture of sand or clay and detritus with higher % CPOM/mud/muck content. SAV may be present<br>15 14 13 12 11                                               | Moderate layer of CPOM/mud/muck, or hardpacked sand only, or moderate algal growth (mats or Chara) on bottom<br>10 9 8 7 6                      | Thick deposits of CPOM, or fine detritus and anaerobic muck/mud/silt, or algal growth or nuisance plants (Hydrilla) cover bottom<br>5 4 3 2 1           |
| <b>Lakeside Adverse Human Alterations</b><br>13 | Very few man-made structures, roads, or other disturbance adjacent to lake (<10%)<br>20 19 18 17 16                                                                                                                                                                                                                                             | Moderate disturbance visible (structures, roads or other), 10%-49% lakeside affected<br>15 14 13 12 11                                                       | Many structures, roads or other human disturbance visible (50%-70%) lakeside affected<br>10 9 8 7 6                                             | Highly developed or disturbed (>70% of lakeside affected)<br>5 4 3 2 1                                                                                  |
| <b>Upland Buffer Zone</b><br>13                 | Expected native vegetation between uplands and littoral zone, greater than 90% of shore with >18 m buffer<br>20 19 18 17 16                                                                                                                                                                                                                     | 89%-51% of shoreline with >18m buffer or >75% with 10m to 18m buffer<br>15 14 13 12 11                                                                       | 50%-30% of shoreline with >18m buffer or 50%-74% with 10m to 18m buffer<br>10 9 8 7 6                                                           | < 29% of shoreline with >18m buffer<br>5 4 3 2 1                                                                                                        |
| <b>Adverse Watershed Land Use</b><br>16         | 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<br>20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 |                                                                                                                                                              |                                                                                                                                                 |                                                                                                                                                         |
| <b>TOTAL SCORE</b><br>111                       | <b>COMMENTS:</b>                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                              |                                                                                                                                                 |                                                                                                                                                         |
| <b>ANALYSIS DATE:</b><br>8/28/2023              | <b>ANALYST:</b><br>Luerling / Skaggs                                                                                                                                                                                                                                                                                                            |                                                                                                                                                              | <b>SIGNATURE:</b>                                                                                                                               |                                                                                                                                                         |

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

**SAMPLE ID:** \_\_\_\_\_ **MACROPHYTE ID:** \_\_\_\_\_ **LATITUDE:** 27.345  
**COUNTY:** Highlands **STORET #:** \_\_\_\_\_ **LONGITUDE:** -81.3966  
**DATE:** 8/28/2023 **TIME:** \_\_\_\_\_ **SAMPLING AGENCY:** ZI FLWPB  
**SITE NAME:** Lake Lynn near center **WBID:** 1860F  
**FIELD ID/NAME:** 645E0175 **LAKE SIZE:** \_\_\_\_\_ **RQ:** 2023-08-21-47

## 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>25</u>                                                                                                 |              | <u>75</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                                                                                     |    |                                                |                                                                                                                   |    |   |   |   |   |   |   |   |   |   |
| Local Watershed NPS Pollution : <input type="checkbox"/> No evidence <input checked="" type="checkbox"/> Slight <input type="checkbox"/> Moderate <input type="checkbox"/> Heavy |              |                                                                                                           |              |             |                                                                                                    |            |                 | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                        |    |                                                |                                                                                                                   |    |   |   |   |   |   |   |   |   |   |
| 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>14</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>13</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>13</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 checked="" type="checkbox"/> 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>1/25/2024</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</b><br>Readings: Depth (M) Temp. (°C) pH (SU) D.O. (MG/L) D.O. Sat. (%) Cond. (UMHO/CM) Salinity (PPT)<br>Top: <u>0.3</u> <u>31.8</u> <u>8.71</u> <u>7.95</u> <u>108.7</u> <u>347.3</u> <u>0.16</u><br>Mid-Depth: <u>2.0</u> <u>31.8</u> <u>8.72</u> <u>7.96</u> <u>108.7</u> <u>347.1</u> <u>0.16</u><br>Bottom: <u>11.7</u> <u>31.3</u> <u>6.99</u> <u>3.08</u> <u>41.7</u> <u>353.6</u> <u>0.17</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>Clarity:</b> <input checked="" type="checkbox"/> Clear<br><input type="checkbox"/> Opaque <input type="checkbox"/> Turbid <input type="checkbox"/> Slightly Turbid                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |  |  |  | <b>Color:</b> <input checked="" type="checkbox"/> Clear<br><input type="checkbox"/> Tannic <input type="checkbox"/> Green                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  |              |  |  |  |
| <b>SECCHI (M)</b> <u>3.9</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |  |  |  | <b>Total Station Depth (M)</b> <u>12.2</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |              |  |  |  |
| <b>VOB</b> <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |              |  |  |  |
| <b>Sediment Type:</b> (may check more than one)<br><input checked="" type="checkbox"/> Sandy <input type="checkbox"/> Organic fibrous (peaty, CPOM) <input type="checkbox"/> Vegetated<br><input type="checkbox"/> Sand/Silt <input type="checkbox"/> Organic smooth (muck) <input type="checkbox"/> Other (Specify): _____                                                                                                                                                                                                                                                                            |  |  |  |  |  |  |  | <b>Sediment Odors:</b><br><input checked="" type="checkbox"/> Normal <input type="checkbox"/> Other (Specify): _____<br><input 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input 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 checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/><br>Exotic Apple Snails <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |  |  |  |              |  |  |  |
| <b>Additional Notes:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |              |  |  |  |
| <b>Weather Conditions :</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |              |  |  |  |
| <b>SAMPLING TEAM:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |  |  |  | <b>SIGNATURE:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  | <b>DATE:</b> |  |  |  |

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

| Waterbody: <u>LAKE LYNN</u>                                                                                                                                                                                                                                                                                            |   | County: <u>HIGHLANDS</u> |   | Date: <u>08/28/2023</u>                                                               |                |                                                |   |   |   |    |                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|--------------------------|---|---------------------------------------------------------------------------------------|----------------|------------------------------------------------|---|---|---|----|----------------|
| Analyst: <u>SKOGGS, Luering</u>                                                                                                                                                                                                                                                                                        |   | Signature: _____         |   | STORET: _____                                                                         |                |                                                |   |   |   |    |                |
| Except where noted as "sp." species level identification required. *Genera that may require lab verification*<br>Plants in bold= FLEPPC invasive exotic.<br>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. |   |                          |   | Lake units sampled (circle one group):<br>1, 4, 7, 10      2, 5, 8, 11<br>3, 6, 9, 12 |                |                                                |   |   |   |    |                |
| SPECIES                                                                                                                                                                                                                                                                                                                | 1 | 4                        | 7 | 10                                                                                    | Collected? (✓) | SPECIES                                        | 1 | 4 | 7 | 10 | Collected? (✓) |
| Acer rubrum                                                                                                                                                                                                                                                                                                            |   |                          |   |                                                                                       |                | Gordonia lasianthus                            |   |   |   |    |                |
| Acrostichum danaeifolium                                                                                                                                                                                                                                                                                               |   |                          |   |                                                                                       |                | Habenaria repens                               |   |   |   |    |                |
| <b>Alternanthera philoxeroides</b>                                                                                                                                                                                                                                                                                     |   |                          |   | X                                                                                     |                | <b>Hydrilla verticillata</b>                   |   |   |   |    |                |
| Andropogon sp.                                                                                                                                                                                                                                                                                                         |   |                          |   | p                                                                                     |                | Hydrocotyle sp.                                |   |   |   |    |                |
| Annona glabra                                                                                                                                                                                                                                                                                                          |   |                          |   |                                                                                       |                | <b>Hygrophila polysperma</b>                   |   |   |   |    |                |
| Azolla filiculoides (A. caroliniana)                                                                                                                                                                                                                                                                                   |   |                          |   |                                                                                       |                | *Hypericum fasciculatum                        |   |   |   |    |                |
| Baccharis sp.                                                                                                                                                                                                                                                                                                          |   |                          |   |                                                                                       |                | *Hypericum hypericoides                        |   |   |   |    |                |
| Bacopa caroliniana                                                                                                                                                                                                                                                                                                     |   |                          |   |                                                                                       |                | *Hypericum myrtifolium                         |   |   |   |    |                |
| Bacopa monnieri                                                                                                                                                                                                                                                                                                        |   |                          |   |                                                                                       |                | Ilex cassine                                   |   |   |   |    |                |
| Bidens laevis                                                                                                                                                                                                                                                                                                          |   |                          |   |                                                                                       |                | <b>Ipomoea aquatica</b>                        |   |   |   |    |                |
| Bidens mitis                                                                                                                                                                                                                                                                                                           |   |                          |   |                                                                                       |                | Ipomoea sagittata                              |   |   |   |    |                |
| Blechnum serrulatum                                                                                                                                                                                                                                                                                                    |   |                          |   | p                                                                                     |                | Itea virginica                                 |   |   |   |    |                |
| Boehmeria cylindrica                                                                                                                                                                                                                                                                                                   |   |                          |   |                                                                                       |                | Juncus effusus                                 |   |   |   |    |                |
| Brasenia schreberi                                                                                                                                                                                                                                                                                                     |   |                          |   |                                                                                       |                | *Juncus marginatus                             |   |   |   |    |                |
| Cabomba caroliniana                                                                                                                                                                                                                                                                                                    |   |                          |   |                                                                                       |                | *Juncus megacephalus                           |   |   |   |    |                |
| <b>Casuarina equisetifolia</b>                                                                                                                                                                                                                                                                                         |   |                          |   |                                                                                       |                | Juncus repens                                  |   |   |   |    |                |
| Centella asiatica                                                                                                                                                                                                                                                                                                      |   |                          |   |                                                                                       |                | *Juncus scirpoides                             |   |   |   |    |                |
| Cephalanthus occidentalis                                                                                                                                                                                                                                                                                              |   |                          |   |                                                                                       |                | Lachnanthes caroliniana                        |   |   |   |    |                |
| Ceratophyllum demersum                                                                                                                                                                                                                                                                                                 |   |                          |   |                                                                                       |                | Leersia hexandra                               |   |   |   |    |                |
| Chara sp.                                                                                                                                                                                                                                                                                                              |   |                          |   |                                                                                       |                | <b>Landoltia punctata (Spirodela punctata)</b> |   |   |   |    |                |
| Cladium jamaicense                                                                                                                                                                                                                                                                                                     |   |                          |   |                                                                                       |                | Lemna sp.                                      |   |   |   |    |                |
| Cliftonia monophylla                                                                                                                                                                                                                                                                                                   |   |                          |   |                                                                                       |                | Leucothoe racemosa (Eubotrys racemosa)         |   |   |   |    |                |
| <b>Colocasia esculenta</b>                                                                                                                                                                                                                                                                                             |   |                          |   |                                                                                       |                | Limnium spongia                                |   |   |   |    |                |
| *Commelina _____                                                                                                                                                                                                                                                                                                       |   |                          |   |                                                                                       |                | <b>Limnophila sessiliflora</b>                 |   |   |   |    |                |
| Crinum americanum                                                                                                                                                                                                                                                                                                      |   |                          |   |                                                                                       |                | Liquidambar styraciflua                        |   |   |   |    |                |
| * <b>Cyperus alternifolius</b> (C. involucratus)                                                                                                                                                                                                                                                                       |   |                          |   |                                                                                       |                | *Ludwigia arcuata                              |   |   |   |    |                |
| Cyperus articulatus                                                                                                                                                                                                                                                                                                    |   |                          |   |                                                                                       |                | *Ludwigia leptocarpa                           |   |   |   |    |                |
| <b>Cyperus blepharoleptos</b>                                                                                                                                                                                                                                                                                          |   |                          |   |                                                                                       |                | Ludwigia linearis                              |   |   |   |    |                |
| Cyperus haspan                                                                                                                                                                                                                                                                                                         |   |                          |   |                                                                                       |                | *Ludwigia octovalvis                           |   |   |   |    |                |
| *Cyperus lecontei                                                                                                                                                                                                                                                                                                      |   |                          |   |                                                                                       |                | *Ludwigia peruviana                            |   |   |   |    |                |
| *Cyperus polystachyos                                                                                                                                                                                                                                                                                                  |   |                          |   |                                                                                       |                | *Ludwigia repens                               |   |   |   |    |                |
| *Cyperus odoratus                                                                                                                                                                                                                                                                                                      |   |                          |   |                                                                                       |                | *Ludwigia _____                                |   |   |   |    |                |
| *Cyperus surinamensis                                                                                                                                                                                                                                                                                                  |   |                          |   |                                                                                       |                | Luziola fluitans (Hydrochloa carolinensis)     |   |   |   |    |                |
| Cyrilla racemiflora                                                                                                                                                                                                                                                                                                    |   |                          |   |                                                                                       |                | Lyonia lucida                                  |   |   |   |    |                |
| Decodon verticillatus                                                                                                                                                                                                                                                                                                  |   |                          |   |                                                                                       |                | Magnolia virginiana                            |   |   |   |    |                |
| Diodia virginiana                                                                                                                                                                                                                                                                                                      |   |                          |   |                                                                                       |                | Mayaca fluviatilis                             |   |   |   |    |                |
| *Echinochloa crus-galli                                                                                                                                                                                                                                                                                                |   |                          |   |                                                                                       |                | <b>Melaleuca quinquenervia</b>                 |   |   |   |    |                |
| *Echinochloa muricatum                                                                                                                                                                                                                                                                                                 |   |                          |   |                                                                                       |                | Micranthemum glomeratum                        |   |   |   |    |                |
| Echinochloa walteri                                                                                                                                                                                                                                                                                                    |   |                          |   |                                                                                       |                | Micranthemum umbrosum                          |   |   |   |    |                |
| Eclipta prostrata (E. alba)                                                                                                                                                                                                                                                                                            |   |                          |   |                                                                                       |                | Mikania scandens                               |   |   |   |    |                |
| <b>Egeria densa</b>                                                                                                                                                                                                                                                                                                    |   |                          |   |                                                                                       |                | <b>Mimosa pigra</b>                            |   |   |   |    |                |
| <b>Eichhornia crassipes</b>                                                                                                                                                                                                                                                                                            |   |                          |   |                                                                                       |                | Myrica cerifera                                |   |   |   |    |                |
| *Eleocharis baldwinii                                                                                                                                                                                                                                                                                                  |   |                          |   |                                                                                       |                |                                                |   |   |   |    |                |
| Eleocharis cellulosa                                                                                                                                                                                                                                                                                                   |   |                          |   |                                                                                       |                |                                                |   |   |   |    |                |
| Eleocharis equisetoides                                                                                                                                                                                                                                                                                                |   |                          |   |                                                                                       |                |                                                |   |   |   |    |                |
| Eleocharis interstincta                                                                                                                                                                                                                                                                                                |   |                          |   |                                                                                       |                |                                                |   |   |   |    |                |
| Eleocharis vivipara                                                                                                                                                                                                                                                                                                    |   |                          |   |                                                                                       |                |                                                |   |   |   |    |                |
| *Eleocharis _____                                                                                                                                                                                                                                                                                                      |   |                          |   |                                                                                       |                |                                                |   |   |   |    |                |
| *Eriocaulon compressum                                                                                                                                                                                                                                                                                                 |   |                          |   |                                                                                       |                |                                                |   |   |   |    |                |
| *Eriocaulon decangulare                                                                                                                                                                                                                                                                                                |   |                          |   |                                                                                       |                |                                                |   |   |   |    |                |
| Eupatorium capillifolium                                                                                                                                                                                                                                                                                               |   |                          |   |                                                                                       |                |                                                |   |   |   |    |                |
| *Fuirena _____                                                                                                                                                                                                                                                                                                         |   |                          |   |                                                                                       |                |                                                |   |   |   |    |                |
| Fuirena scirpoidea                                                                                                                                                                                                                                                                                                     |   |                          |   |                                                                                       |                |                                                |   |   |   |    |                |

## FORM FD 9000-27: LAKE VEGETATION INDEX FIELD SHEET

| Site:                                          |  |  |  |                   | Date:                                             |  |   |   |                   |
|------------------------------------------------|--|--|--|-------------------|---------------------------------------------------|--|---|---|-------------------|
| SPECIES                                        |  |  |  | Collected?<br>(✓) | SPECIES                                           |  |   |   | Collected?<br>(✓) |
| Myriophyllum aquaticum                         |  |  |  |                   | Sapium sebiferum                                  |  |   |   |                   |
| *Myriophyllum heterophyllum                    |  |  |  |                   | Saururus cernuus                                  |  |   |   |                   |
| *Myriophyllum laxum                            |  |  |  |                   | Schinus terebinthifolius                          |  | P | P |                   |
| *Myriophyllum pinnatum                         |  |  |  |                   | *Schoenoplectus californicus                      |  |   |   |                   |
| Myriophyllum spicatum                          |  |  |  |                   | *Schoenoplectus pungens                           |  |   |   |                   |
| *Najas filifolia                               |  |  |  |                   | *Schoenoplectus tabernaemontani (Scirpus validus) |  |   |   |                   |
| *Najas guadalupensis                           |  |  |  |                   | Scirpus cyperinus                                 |  |   |   |                   |
| *Najas minor                                   |  |  |  |                   | *Sesbania                                         |  |   |   |                   |
| Nelumbo lutea                                  |  |  |  |                   | Solidago sp.                                      |  |   |   |                   |
| Nitella spp.                                   |  |  |  |                   | Sparganium americanum                             |  |   |   |                   |
| Nuphar sp.                                     |  |  |  |                   | Spartina bakeri                                   |  |   |   |                   |
| Nymphaea odorata                               |  |  |  |                   | Spirodela polyrhiza                               |  |   |   |                   |
| Nymphoides aquatica                            |  |  |  |                   | Taxodium sp.                                      |  |   |   | P                 |
| Nyssa sylvatica var. biflora                   |  |  |  |                   | Thalia geniculata                                 |  |   |   |                   |
| Orontium aquaticum                             |  |  |  |                   | Thelypteris palustris                             |  |   |   |                   |
| Osmunda cinnamomea                             |  |  |  |                   | Triadenum virginicum                              |  |   |   |                   |
| Osmunda regalis                                |  |  |  |                   | Typha sp.                                         |  |   | P |                   |
| Panicum hemitomon                              |  |  |  |                   | Urochloa mutica (Brachiaria mutica)               |  |   |   |                   |
| Panicum repens                                 |  |  |  |                   | *Utricularia gibba (U. biflora)                   |  |   |   |                   |
| Paspalidium geminatum                          |  |  |  |                   | *Utricularia floridana                            |  |   |   |                   |
| *Paspalum repens                               |  |  |  |                   | *Utricularia foliosa                              |  |   |   |                   |
| Paspalum urvillei                              |  |  |  |                   | *Utricularia inflata                              |  |   |   |                   |
| Peltandra sp.                                  |  |  |  |                   | *Utricularia purpurea                             |  |   |   |                   |
| Persea sp.                                     |  |  |  |                   | *Utricularia cornuta                              |  |   |   |                   |
| Pennisetum purpureum                           |  |  |  |                   | *Utricularia radiata                              |  |   |   |                   |
| Phragmites australis                           |  |  |  |                   | Vallisneria americana                             |  |   |   |                   |
| Pinus elliotii                                 |  |  |  |                   | *Websteria confervoides                           |  |   |   |                   |
| Pistia stratioides                             |  |  |  |                   | Wedelia trilobata (Sphagneticola trilobata)       |  |   |   |                   |
| Pluchea sp.                                    |  |  |  |                   | Wolffiella spp.                                   |  |   |   |                   |
| *Persicaria glabrum (densiflorum)              |  |  |  |                   | Woodwardia virginica                              |  |   |   |                   |
| *Persicaria hydropiperoides                    |  |  |  |                   | Xyris sp.                                         |  |   |   |                   |
| *Persicaria punctatum                          |  |  |  |                   | Zizania aquatica                                  |  |   |   |                   |
| *Persicaria                                    |  |  |  |                   | Zizaniopsis milacea                               |  |   |   |                   |
| Pontederia cordata                             |  |  |  |                   |                                                   |  |   |   |                   |
| *Potamogeton diversifolius                     |  |  |  |                   |                                                   |  |   |   |                   |
| *Potamogeton illinoensis                       |  |  |  |                   |                                                   |  |   |   |                   |
| *Potamogeton pusillus                          |  |  |  |                   |                                                   |  |   |   |                   |
| *Potamogeton pectinatus (Stuckenia pectinatus) |  |  |  |                   |                                                   |  |   |   |                   |
| Proserpinaca pectinata                         |  |  |  |                   |                                                   |  |   |   |                   |
| *Rhexia                                        |  |  |  |                   |                                                   |  |   |   |                   |
| *Rhynchospora corniculata                      |  |  |  |                   |                                                   |  |   |   |                   |
| *Rhynchospora inundata                         |  |  |  |                   |                                                   |  |   |   |                   |
| Rhynchospora tracyi                            |  |  |  |                   |                                                   |  |   |   |                   |
| Ricciocarpus natans                            |  |  |  |                   |                                                   |  |   |   |                   |
| Sabal palmetto                                 |  |  |  |                   |                                                   |  |   |   |                   |
| Sacciolepis striata                            |  |  |  |                   |                                                   |  |   |   |                   |
| *Sagittaria filiformis                         |  |  |  |                   |                                                   |  |   |   |                   |
| *Sagittaria graminea                           |  |  |  |                   |                                                   |  |   |   |                   |
| *Sagittaria isoetiformis                       |  |  |  |                   |                                                   |  |   |   |                   |
| Sagittaria lancifolia                          |  |  |  |                   |                                                   |  |   |   |                   |
| Sagittaria latifolia                           |  |  |  |                   |                                                   |  |   |   |                   |
| Salix caroliniana                              |  |  |  |                   |                                                   |  |   |   |                   |
| Salvinia minima                                |  |  |  |                   |                                                   |  |   |   |                   |
| Sambucus canadensis                            |  |  |  |                   |                                                   |  |   |   |                   |