

# Wetland Function-Value Evaluation Form

Total area of wetland \_\_\_\_\_ Human made? \_\_\_\_\_ Is wetland part of a wildlife corridor? \_\_\_\_\_ or a "habitat island"? \_\_\_\_\_

Adjacent land use \_\_\_\_\_ Distance to nearest roadway or other development \_\_\_\_\_

Dominant wetland systems present \_\_\_\_\_ Contiguous undeveloped buffer zone present \_\_\_\_\_

Is the wetland a separate hydraulic system? \_\_\_\_\_ If not, where does the wetland lie in the drainage basin? \_\_\_\_\_

How many tributaries contribute to the wetland? \_\_\_\_\_ Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. \_\_\_\_\_













Latitude \_\_\_\_\_ Longitude \_\_\_\_\_

Prepared by: \_\_\_\_\_ Date \_\_\_\_\_

Wetland Impact:  
**See General Permit Table**

Evaluation based on:  
Office \_\_\_\_\_ Field \_\_\_\_\_

Corps manual wetland delineation completed? Y \_\_\_\_\_ N \_\_\_\_\_

| Function/Value  | Suitability |   | Rationale<br>(Reference #)* | Principal<br>Function(s)/Value(s) | Comments |
|---|-------------|---|-----------------------------|-----------------------------------|----------|
|   | Y           | N |                             |                                   |          |
|  Groundwater Recharge/Discharge    |             |   |                             |                                   |          |
|  Floodflow Alteration              |             |   |                             |                                   |          |
|  Fish and Shellfish Habitat        |             |   |                             |                                   |          |
|  Sediment/Toxicant Retention       |             |   |                             |                                   |          |
|  Nutrient Removal                  |             |   |                             |                                   |          |
|  Production Export                 |             |   |                             |                                   |          |
|  Sediment/Shoreline Stabilization |             |   |                             |                                   |          |
|  Wildlife Habitat                |             |   |                             |                                   |          |
|  Recreation                      |             |   |                             |                                   |          |
|  Educational/Scientific Value    |             |   |                             |                                   |          |
|  Uniqueness/Heritage             |             |   |                             |                                   |          |
|  Visual Quality/Aesthetics       |             |   |                             |                                   |          |
| <b>ES</b> Endangered Species Habitat  |             |   |                             |                                   |          |
| Other   |             |   |                             |                                   |          |

Notes:

\* Refer to backup list of numbered considerations.

**VEGETATION (Four Strata) – Use scientific names of plants.**

Sampling Point: W-C40 (PEM)

|   | Absolute<br>% Cover | Dominant<br>Species?                | Indicator<br>Status |   |  |
|---|---------------------|-------------------------------------|---------------------|---|--|
| <b>Tree Stratum</b> (Plot size: <u>30'</u> )  |                     |                                     |                     | <b>Dominance Test worksheet:</b><br>Number of Dominant Species That Are OBL, FACW, or FAC: <u>2</u> (A)<br><br>Total Number of Dominant Species Across All Strata: <u>2</u> (B)<br><br>Percent of Dominant Species That Are OBL, FACW, or FAC: <u>100%</u> (A/B)  |  |
| 1. _____  | _____               | _____                               | _____               |   |  |
| 2. _____  | _____               | _____                               | _____               |   |  |
| 3. _____  | _____               | _____                               | _____               |   |  |
| 4. _____  | _____               | _____                               | _____               |   |  |
| 5. _____  | _____               | _____                               | _____               |   |  |
| 6. _____  | _____               | _____                               | _____               |   |  |
| 7. _____  | _____               | _____                               | _____               |   |  |
| $\frac{0}{0} = \text{Total Cover}$<br>50% of total cover: <u>0</u> 20% of total cover: <u>0</u>       |                     |                                     |                     |   |  |
| <b>Sapling/Shrub Stratum</b> (Plot size: <u>15'</u> )   |                     |                                     |                     |   | <b>Prevalence Index worksheet:</b><br>Total % Cover of: _____ Multiply by:<br>OBL species _____ x 1 = _____<br>FACW species _____ x 2 = _____<br>FAC species _____ x 3 = _____<br>FACU species _____ x 4 = _____<br>UPL species _____ x 5 = _____<br>Column Totals: _____ (A)    _____ (B)<br><br>Prevalence Index = B/A = _____ |
| 1. _____  | _____               | _____                               | _____               |   |  |
| 2. _____  | _____               | _____                               | _____               |   |  |
| 3. _____  | _____               | _____                               | _____               |   |  |
| 4. _____  | _____               | _____                               | _____               |   |  |
| 5. _____  | _____               | _____                               | _____               |   |  |
| 6. _____  | _____               | _____                               | _____               |   |  |
| 7. _____  | _____               | _____                               | _____               |   |  |
| 8. _____  | _____               | _____                               | _____               |   |  |
| 9. _____  | _____               | _____                               | _____               |   |  |
| $\frac{0}{0} = \text{Total Cover}$<br>50% of total cover: <u>0</u> 20% of total cover: <u>0</u>       |                     |                                     |                     |   |  |
| <b>Herb Stratum</b> (Plot size: <u>5'</u> )   |                     |                                     |                     | <b>Hydrophytic Vegetation Indicators:</b><br><input checked="" type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation<br><input checked="" type="checkbox"/> 2 - Dominance Test is >50%<br>___ 3 - Prevalence Index is $\leq 3.0^1$<br>___ 4 - Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)<br>___ Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)<br><br><sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.   |  |
| 1. <u>Onoclea sensibilis</u>  | <u>30</u>           | <input checked="" type="checkbox"/> | <u>FACW</u>         |   |  |
| 2. <u>Persicaria sagittata</u>  | <u>30</u>           | <input checked="" type="checkbox"/> | <u>OBL</u>          |   |  |
| 3. <u>Typha latifolia</u>   | <u>20</u>           | _____                               | <u>OBL</u>          |   |  |
| 4. <u>Symplocarpus foetidus</u>   | <u>20</u>           | _____                               | <u>OBL</u>          |   |  |
| 5. <u>Impatiens capensis</u>  | <u>10</u>           | _____                               | <u>FACW</u>         |   |  |
| 6. _____  | _____               | _____                               | _____               |   |  |
| 7. _____  | _____               | _____                               | _____               |   |  |
| 8. _____  | _____               | _____                               | _____               |   |  |
| 9. _____  | _____               | _____                               | _____               |   |  |
| 10. _____   | _____               | _____                               | _____               |   |  |
| 11. _____   | _____               | _____                               | _____               |   |  |
| $\frac{110}{110} = \text{Total Cover}$<br>50% of total cover: <u>55</u> 20% of total cover: <u>22</u> |                     |                                     |                     |   |  |
| <b>Woody Vine Stratum</b> (Plot size: <u>15'</u> )  |                     |                                     |                     | <b>Definitions of Four Vegetation Strata:</b><br><br><b>Tree</b> – Woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.<br><br><b>Sapling/Shrub</b> – Woody plants, excluding vines, less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.<br><br><b>Herb</b> – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.<br><br><b>Woody vine</b> – All woody vines greater than 3.28 ft in height.<br><br><br><b>Hydrophytic Vegetation Present?</b> Yes <input checked="" type="checkbox"/> No _____ |  |
| 1. _____  | _____               | _____                               | _____               |   |  |
| 2. _____  | _____               | _____                               | _____               |   |  |
| 3. _____  | _____               | _____                               | _____               |   |  |
| 4. _____  | _____               | _____                               | _____               |   |  |
| 5. _____  | _____               | _____                               | _____               |   |  |
| $\frac{0}{0} = \text{Total Cover}$<br>50% of total cover: <u>0</u> 20% of total cover: <u>0</u>       |                     |                                     |                     |   |  |
| Remarks: (Include photo numbers here or on a separate sheet.)   |                     |                                     |                     |   |  |