

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 (Reference #)*	Principal 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					
ES Endangered Species Habitat					
Other					

Notes:

* Refer to backup list of numbered considerations.

VEGETATION (Five Strata) - Use scientific names of plants.

Sampling Point W333-W

Tree Stratum (Plot size _____)		Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:	
1					Number of Dominant Species That Are OBL, FACW, or FAC:	<u>3</u> (A)
2					Total Number of Dominant Species Across All Strata:	<u>3</u> (B)
3					Percent of Dominant Species That Are OBL, FACW, or FAC:	<u>100</u> (NB)
4					Prevalence Index worksheet:	
5					Total % Cover of:	Multiply by:
6					OBL species _____	x 1 = _____
					FACW species _____	x 2 = _____
					FAC species _____	x 3 = _____
					FACU species _____	x 4 = _____
					UPL species _____	x 5 = _____
					Column Totals:	(A) _____ (B) _____
					Prevalence Index = B/A = _____	
Sapling Stratum (Plot size _____) _____ = Total Cover 50% of total cover: _____ 20% of total cover: _____					Hydrophytic Vegetation Indicators: 1 - Rapid Test for Hydrophytic Vegetation 2 - Dominance Test is >50% 3 - Prevalence Index is ≤3.0 ¹ 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) Problematic Hydrophytic Vegetation ¹ (Explain)	
Shrub Stratum (Plot size <u>10</u>) 1. <u>ALNUS SERRULATA</u> <u>1</u> <u>Y</u> <u>DBL</u> 2. _____ 3. _____ 4. _____ 5. _____ 6. _____ _____ = Total Cover 50% of total cover: _____ 20% of total cover: _____					<input checked="" type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is >50% <input type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹ <input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) Problematic Hydrophytic Vegetation ¹ (Explain)	
Herb Stratum (Plot size <u>5</u>) 1. <u>MICROSTEGIUM VIRGIN</u> <u>15</u> <u>Y</u> <u>FAC</u> 2. <u>CAREX LURID</u> <u>10</u> <u>Y</u> <u>DBL</u> 3. <u>DNOCLEA SENSIBILIS</u> <u>5</u> <u></u> <u>FACW</u> 4. <u>DIANTHELLUM CLANDEST</u> <u>3</u> <u></u> <u>FAC</u> 5. <u>POAENTILLA SIMPLEX</u> <u>3</u> <u></u> <u>FACU</u> 6. _____ 7. _____ 8. _____ 9. _____ 10. _____ 11. _____ _____ = Total Cover 50% of total cover: _____ 20% of total cover: _____					¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. Definitions of Five Vegetation Strata: Tree - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and 3 in (7.6 cm) or larger in diameter at breast height (DBH). Sapling - Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH. Shrub - Woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height. Herb - All herbaceous (non-woody) plants, including herbaceous vines, regardless of size, and woody plants, except woody vines, less than approximately 3 ft (1 m) in height. Woody vine - All woody vines, regardless of height.	
Woody Vine Stratum (Plot size <u>10</u>) 1. _____ 2. _____ 3. _____ 4. _____ 5. _____ _____ = Total Cover 50% of total cover: _____ 20% of total cover: _____					Hydrophytic Vegetation Present? Yes <input checked="" type="checkbox"/> No _____	

Remarks: (include photo numbers here or on a separate sheet.)

REDUCED PLOT TO FOCUS ON SMALL X IN ROW