

**VEGETATION – Use scientific names of plants.**

Sampling Point: WDP-1

Tree Stratum (Plot sizes: <u>30 ft radius</u> )	Absolute % Cover	Dominant Species?	Indicator Status	<b>Dominance Test worksheet:</b>	
1. <u><i>Taxodium ascendens</i></u>	<u>25.0</u>	<u>yes</u>	<u>OBL</u>	Number of Dominant Species That Are OBL, FACW, or FAC:	<u>10</u> (A)
2. <u><i>Nyssa biflora</i></u>	<u>25.0</u>	<u>yes</u>	<u>OBL</u>	Total Number of Dominant Species Across All Strata:	<u>10</u> (B)
3. <u><i>Acer rubrum</i></u>	<u>20.0</u>	<u>yes</u>	<u>FAC</u>	Percent of Dominant Species That Are OBL, FACW, or FAC:	<u>100%</u> (A/B)
4. <u><i>Magnolia virginiana</i></u>	<u>10.0</u>	<u>no</u>	<u>FACW</u>		
5. <u><i>Pinus elliotii</i></u>	<u>10.0</u>	<u>no</u>	<u>FACW</u>		
6. _____					
7. _____					
50% of total cover: <u>12.50</u> 20% of total cover: <u>18.00</u>	<u>90.0</u>	= Total Cover			
Sapling Stratum ( <u>30 ft radius</u> )	Absolute % Cover	Dominant Species?	Indicator Status	<b>Prevalence Index worksheet:</b>	
1. <u><i>Magnolia virginiana</i></u>	<u>10.0</u>	<u>yes</u>	<u>FACW</u>	Total % Cover of: _____	Multiply by: _____
2. <u><i>Acer rubrum</i></u>	<u>10.0</u>	<u>yes</u>	<u>FAC</u>	OBL species _____	x 1 = _____
3. _____				FACW species _____	x 2 = _____
4. _____				FAC species _____	x 3 = _____
5. _____				FACU species _____	x 4 = _____
6. _____				UPL species _____	x 5 = _____
7. _____				Column Totals: _____	(A) _____ (B)
50% of total cover: <u>10.00</u> 20% of total cover: <u>4.00</u>	<u>20.0</u>	= Total Cover		Prevalence Index = B/A = _____	
Shrub Stratum ( <u>30 ft radius</u> )	Absolute % Cover	Dominant Species?	Indicator Status	<b>Hydrophytic Vegetation Indicators:</b>	
1. <u><i>Itea virginica</i></u>	<u>10.0</u>	<u>yes</u>	<u>FACW</u>	<input checked="" type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation	
2. <u><i>Lyonia lucida</i></u>	<u>10.0</u>	<u>yes</u>	<u>FACW</u>	<input checked="" type="checkbox"/> 2 - Dominance Test is >50%	
3. <u><i>Baccharis halimifolia</i></u>	<u>5.0</u>	<u>yes</u>	<u>FAC</u>	<input type="checkbox"/> 3 - Prevalence Index is ≤3.0 <sup>1</sup>	
4. _____				<input type="checkbox"/> Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)	
5. _____				<sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.	
6. _____					
7. _____					
50% of total cover: <u>12.50</u> 20% of total cover: <u>5.00</u>	<u>25.0</u>	= Total Cover			
Herb Stratum ( <u>30 ft radius</u> )	Absolute % Cover	Dominant Species?	Indicator Status	<b>Definitions of Vegetation Strata:</b>	
1. <u><i>Carex intumescens</i></u>	<u>25.0</u>	<u>yes</u>	<u>FACW</u>	<b>Tree</b> – 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).	
2. <u><i>Carex louisianica</i></u>	<u>15.0</u>	<u>yes</u>	<u>OBL</u>	<b>Sapling</b> – Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH.	
3. <u><i>Anchistea virginica</i></u>	<u>10.0</u>	<u>no</u>	<u>OBL</u>	<b>Shrub</b> – Woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height.	
4. <u><i>Carex glaucescens</i></u>	<u>10.0</u>	<u>no</u>	<u>OBL</u>	<b>Herb</b> – 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.	
5. <u><i>Bidens mitis</i></u>	<u>10.0</u>	<u>no</u>	<u>OBL</u>	<b>Woody vine</b> – All woody vines, regardless of height.	
6. _____					
7. _____					
8. _____					
9. _____					
10. _____					
11. _____					
12. _____					
50% of total cover: <u>35.00</u> 20% of total cover: <u>14.00</u>	<u>70.0</u>	= Total Cover			
Woody Vine Stratum ( <u>30 ft radius</u> )	Absolute % Cover	Dominant Species?	Indicator Status	<b>Hydrophytic Vegetation Present?</b>	
1. <u><i>Vitis rotundifolia</i></u>	<u>10.0</u>	<u>yes</u>	<u>FAC</u>	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
2. _____					
3. _____					
4. _____					
5. _____					
50% of total cover: <u>5.00</u> 20% of total cover: <u>2.00</u>	<u>10.0</u>	= Total Cover			
Remarks: (If observed, list morphological adaptations below). *Plants not identified to species are not used in dominance calculations.					