Wetland Function-Value Evaluation Form

				wetiand I.D	
Total area of wetland Human made?	Is wetland	l part of a wildlife corrido	or? or a "habitat island"?	Latitude Longitude	
Adjacent land use		Distance to nearest	Prepared by: Date		
Dominant wetland systems present		Contiguous undev	Wetland Impact: See General Permit Table		
Is the wetland a separate hydraulic system? How many tributaries contribute to the wetland?			Evaluation based on: Office Field Corps manual wetland delineation completed? Y N		
Function/Value	Suitability Y N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments	
Groundwater Recharge/Discharge					
Floodflow Alteration					
Fish and Shellfish Habitat					
Sediment/Toxicant Retention					
Nutrient Removal					
→ Production Export					
Sediment/Shoreline Stabilization					
W ildlife Habitat					
Recreation					
Educational/Scientific Value					
★ Uniqueness/Heritage					
Visual Quality/Aesthetics					
ES Endangered Species Habitat					
Other					

Notes:

*Refer to backup list of numbered considerations.

/EGETATION (Four Strata) – Use scientific na	ames of	plants.		Sampling Point: W-L2 PEM
201	Absolute	Dominant		Dominance Test worksheet:
Tree Stratum (Plot size: 30')	% Cover	Species?	Status	Number of Dominant Species
1				That Are OBL, FACW, or FAC:3 (A)
2				Total Number of Dominant
3				Species Across All Strata:3 (B)
4				Percent of Dominant Species
5				That Are OBL, FACW, or FAC: 100% (A/B)
6				Prevalence Index worksheet:
7				Total % Cover of: Multiply by:
7007 51 1 1		= Total Cove	er O	OBL species x 1 =
50% of total cover: 0	20% of	total cover:_	0	FACW species x 2 =
Sapling/Shrub Stratum (Plot size: 15')				FAC species x 3 =
1				FACU species x 4 =
2				UPL species x 5 =
3				Column Totals: (A) (B)
4				Column Totals(A)(B)
5				Prevalence Index = B/A =
6				Hydrophytic Vegetation Indicators:
7				1 - Rapid Test for Hydrophytic Vegetation
8				2 - Dominance Test is >50%
9				3 - Prevalence Index is ≤3.0 ¹
500/ - 54-4-1 0		= Total Cove	_	4 - Morphological Adaptations ¹ (Provide supporting
50% of total cover: 0	20% of	total cover:_		data in Remarks or on a separate sheet)
Herb Stratum (Plot size: 5') 1. Carex conjuncta	20	~	FACW	Problematic Hydrophytic Vegetation ¹ (Explain)
2. Carex crinita	20	<u></u>	OBL	
3. Juncus effusus	20		FACW	¹ Indicators of hydric soil and wetland hydrology must
4. Mentha spicata	10		FACW	be present, unless disturbed or problematic.
5. Typha latifolia	10		OBL	Definitions of Four Vegetation Strata:
			— ODL	Tree – Woody plants, excluding vines, 3 in. (7.6 cm) or
6				more in diameter at breast height (DBH), regardless of
7				height.
8				Sapling/Shrub – Woody plants, excluding vines, less
9				than 3 in. DBH and greater than or equal to 3.28 ft (1
10				m) tall.
11	80			Herb – All herbaceous (non-woody) plants, regardless
50% of total cover: 40		= Total Cove total cover:_		of size, and woody plants less than 3.28 ft tall.
Woody Vine Stratum (Plot size: 15')	20 /6 01	total cover.	10	Woody vine – All woody vines greater than 3.28 ft in
				height.
1				
3				
4 5.				Hydrophytic Vegetation
5	0	= Total Cove		Present? Yes V No
50% of total cover:0		total cover:_	_	
Remarks: (Include photo numbers here or on a separate sl		10101 001011		
Tremano. (melado proto namboro noro or un a separate si	1001.)			

Sam pling	Point W-L2 PSS	(1)
-----------	----------------	-----

30'		Dom inant		Dominance Test worksheet:
Tree Stratum (Plotsize: 30')	<u>% Cover</u>	Species?	Status	Num berofDom inantSpecies
1				ThatAre OBL, FACW, or FAC:3 (A)
2				TotalNum berofDom inant
3				Species A cross A II S trata: 3 (B)
4				
5				PercentofDom inantSpecies ThatAre OBL, FACW, or FAC: 100% (A/B)
6				ThatAre OBL, FACW, or FAC: 100% (A/B)
				Prevalence Index worksheet:
7	0			Total% Coverof: Multiply by:
50% 01		= TotalCove	_	0 BL species x 1 =
4.51	20% of	total cover:		FACW species x 2 =
Saping/Sittab Statum (Libesize)	5 0		E4 0)4/	-
1. Alnus glutinosa	50		FACW	FAC species x 3 =
2				FACU species x 4 =
3				UPL species x 5 =
4				C olum n Totals: (A) (B)
5				
6				Prevalence Index = B A =
				Hydrophytic Vegetation Indicators:
7				👱 1 - Rapid Test for Hydrophytic Vegetation
8				∠ 2 - Dom inance Testis > 50%
9				3 - P revalence Index is ≤3.0¹
0.5		= TotalCove		4 - M orphological Adaptations¹ (Provide supporting
50% oftotal cover. 25	20% of	total cover	10	data in R em arks or on a separate sheet)
Herb Stratum (Plotsize: 5')				Problem atic Hydrophytic Vegetation (Explain)
1. Phalaris arundinacea	40		FACW	r lob lem a uc n yu lopny uc v ege ta ubn (c xp ia in)
2. Impatiens capensis	20		FACW	
3. Juncus effusus	5		FACW	¹ Indicators of hydric soil and wetland hydrology m ust be present, unless disturbed or problem atic.
4				
				Definitions of Four Vegetation Strata:
5				Tree – W oody plants, excluding vines, 3 in. (7.6 cm.) or
6				m ore in diam eteratbreastheight (DBH), regardless of
7				height.
8				Sapling/Shrub - W oody plants, excluding vines, less
9				than 3 in. DBH and greater than or equal to 3.28 ft (1
10				m) tall.
11				Herb - All herbaceous (non-woody) plants, regardless
	65	= TotalCove	er	of size, and woody plants less than 3.28 fttall.
50% of total cover: <u>32.5</u>	20% of	total cover:	13	Mandaudina All I I I I I I I I I I I I I I I I I I
W oody V ine Stratum (Plotsize: 15')				Woody vine - Allwoody vines greater than 3.28 ft in height.
1				
2				
3				
4				Hydrophytic
5				Vegetation Present?
		= TotalCove		riesent: les _ v No
50% oftotal cover:0		total cover:_		
Remarks: (Include photo num bers here or on a separate s	heet)			

Sampling Point: V	N-L2	PSS	(2)
-------------------	------	-----	-----

30'	Absolute	Dominant II	ndicator	Dominance Test worksheet:
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant Species
1				That Are OBL, FACW, or FAC:4 (A)
2				Total Number of Dominant
3				Species Across All Strata: 4 (B)
4				
5				Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)
6				That Are OBL, I ACW, OF AC.
7				Prevalence Index worksheet:
/·	0	= Total Cove		Total % Cover of: Multiply by:
50% of total cover:0				OBL species x 1 =
Sapling/Shrub Stratum (Plot size: 15')	2070 01	total cover		FACW species x 2 =
1. Alnus glutinosa	50	~	FACW	FAC species x 3 =
· · · · · · · · · · · · · · · · · · ·			TACVV	FACU species x 4 =
2				
3				UPL species x 5 =
4				Column Totals: (A) (B)
5				Prevalence Index = B/A =
6				
7				Hydrophytic Vegetation Indicators:
8				1 - Rapid Test for Hydrophytic Vegetation
9				2 - Dominance Test is >50%
J	50	= Total Cove		3 - Prevalence Index is ! 3.01
50% of total cover: 25		total cover:_	10	4 - Morphological Adaptations ¹ (Provide supporting
- !	20% 01	total cover		data in Remarks or on a separate sheet)
Tierb Strattarii (Flot Size)	20	/	FACW	Problematic Hydrophytic Vegetation ¹ (Explain)
1. Mentha spicata				
2. Phalaris arundinacea	20		FACW	¹ Indicators of hydric soil and wetland hydrology must
3. Typha latifolia	20		OBL	be present, unless disturbed or problematic.
4. Carex vulpinoidea	10		OBL	Definitions of Four Vegetation Strata:
5. Toxicodendron radicans	5		FAC	John Marie of Court o
6. Solidago sp.	5		ND	Tree – Woody plants, excluding vines, 3 in. (7.6 cm) or
7				more in diameter at breast height (DBH), regardless of height.
8				noight.
0				Sapling/Shrub – Woody plants, excluding vines, less
9				than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.
10				ini) tan.
11				Herb – All herbaceous (non-woody) plants, regardless
40		= Total Cove		of size, and woody plants less than 3.28 ft tall.
50% of total cover: <u>40</u>	20% of	total cover:_	16	Woody vine – All woody vines greater than 3.28 ft in
Woody Vine Stratum (Plot size: 15')				height.
1				
2				
3				
4				
5				Hydrophytic Vegetation
<u> </u>	0	= Total Cove		Present? Yes _ V No
50% of total cover:0	$\overline{}$	total cover:_	_	
		total cover		
Remarks: (Include photo numbers here or on a separate s	neet.)			
ND- Not determined				

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

/EGETATION (Four Strata) – Use scientific na	ames of	plants.		Sampling Point: W-L2 PFO
	Absolute	Dominant	Indicator	Dominance Test worksheet:
<u>Tree Stratum</u> (Plot size: 30')		Species?		Number of Dominant Species
1. Carya cordiformis	60		FACU	That Are OBL, FACW, or FAC:3 (A)
2. Acer rubrum	10		FAC	
3. Carpinus caroliniana	10		FAC	Total Number of Dominant Species Across All Strata: 6 (B)
4				Species Across All Strata. (b)
4	-			Percent of Dominant Species
5				That Are OBL, FACW, or FAC:50 (A/B)
6				Prevalence Index worksheet:
7				
		= Total Cove		Total % Cover of: Multiply by: OBL species 40 x 1 = 40
50% of total cover: 40	20% of	total cover:	16	x:
Sapling/Shrub Stratum (Plot size: 15'				TACW species X Z =
1. Carya cordiformis	5		FACU	FAC species 40 $x 3 = 120$
2. Rosa multiflora	5		FACU	FACU species x 4 = 280
3				UPL species0 x 5 =0
4				Column Totals:150 (A)440 (B)
5				
		·		Prevalence Index = B/A =2.9
6	-			Hydrophytic Vegetation Indicators:
<i>I</i>				1 - Rapid Test for Hydrophytic Vegetation
8				2 - Dominance Test is >50%
9				3 - Prevalence Index is ≤3.0 ¹
_		= Total Cove		4 - Morphological Adaptations ¹ (Provide supporting
50% of total cover:5	20% of	total cover:	2	data in Remarks or on a separate sheet)
Herb Stratum (Plot size: 5')				·
1. Carex crinita	20		OBL	Problematic Hydrophytic Vegetation ¹ (Explain)
2. Carex vulpinoidea	20		OBL	1
3. Microstegium vimineum	20	V	FAC	¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
4				
			•	Definitions of Four Vegetation Strata:
5		· ——		Tree – Woody plants, excluding vines, 3 in. (7.6 cm) or
6				more in diameter at breast height (DBH), regardless of
7				height.
8				Sapling/Shrub – Woody plants, excluding vines, less
9				than 3 in. DBH and greater than or equal to 3.28 ft (1
10				m) tall.
11,				Herb – All herbaceous (non-woody) plants, regardless
		= Total Cove		of size, and woody plants less than 3.28 ft tall.
50% of total cover: <u>30</u>	20% of	total cover:	12	Woody vine – All woody vines greater than 3.28 ft in
Woody Vine Stratum (Plot size: 15')				height.
1				
2				
3				
4	-	· ——		Hydrophytic
J	0	Tat-LO		Vegetation Present? Yes _ ✓ No
50% of total cover: 0		= Total Cove	_	100 100
		total cover:		
Remarks: (Include photo numbers here or on a separate s	heet.)			

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

/EGETATION (Four Strata) – Use scientific na	ames of	plants.		Sampling Point: W-L1 PFO (2)
001	Absolute	Dominant	Indicator	Dominance Test worksheet:
Tree Stratum (Plot size:)		Species?	Status	Number of Dominant Species _
1. Acer rubrum	15		FAC	That Are OBL, FACW, or FAC:7 (A)
2. Fraxinus pennsylvanica	15		FACW	Total Number of Dominant
3. Carpinus caroliniana	15		FAC	Species Across All Strata: 7 (B)
4. Fagus grandifolia	10		FACU	
5. Quercus alba	5		FACU	Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)
6. Tsuga canadensis	5		FACU	macrice est, thew, or the
7.				Prevalence Index worksheet:
	65	= Total Cove	er .	Total % Cover of: Multiply by:
50% of total cover: _ 32.5				OBL species x 1 =
Sapling/Shrub Stratum (Plot size: 15'	_		_	FACW species x 2 =
1. Alnus glutinosa	15	✓	FACW	FAC species x 3 =
2. Acer rubrum	10		FAC	FACU species x 4 =
3. Pinus strobus	5		FACU	UPL species x 5 =
4 Betula lenta	5		FACU	Column Totals: (A) (B)
5. Fagus grandifolia			FACU	
			17100	Prevalence Index = B/A =
6				Hydrophytic Vegetation Indicators:
7				1 - Rapid Test for Hydrophytic Vegetation
8				2 - Dominance Test is >50%
9				3 - Prevalence Index is ≤3.0 ¹
20		= Total Cove		4 - Morphological Adaptations ¹ (Provide supporting
50% of total cover: 20	<u> </u>	total cover:	8	data in Remarks or on a separate sheet)
Herb Stratum (Plot size: 5')	25		ODI	Problematic Hydrophytic Vegetation ¹ (Explain)
1. Carex vulpinoidea	25		OBL	<u> </u>
2. Impatiens capensis	25		FACW	¹ Indicators of hydric soil and wetland hydrology must
3. Osmundastrum cinnamomeum	15		FACW	be present, unless disturbed or problematic.
4. Microstegium vimineum	10		FAC_	Definitions of Four Vegetation Strata:
5. Juncus effusus	5		FACW	-
6. Carex crinita	5		OBL	Tree – Woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of
7. Onoclea sensibilis	5		FACW	height.
8				
9				Sapling/Shrub – Woody plants, excluding vines, less than 3 in. DBH and greater than or equal to 3.28 ft (1
10				m) tall.
11.				Harb All barbassaus (non woods) plants regardless
	90	= Total Cove	er	Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.
50% of total cover: 45		total cover:		
Woody Vine Stratum (Plot size: 5')	_	_		Woody vine – All woody vines greater than 3.28 ft in height.
1				noight.
2.				
3				
4.				
5.				Hydrophytic Vegetation
J	0	= Total Cove		Present? Yes / No
50% of total cover:0				
Remarks: (Include photo numbers here or on a separate sl		10101 001011		
Tromains. (metado proto hambors noro di dii a soparato si	1001.)			