Wetland Function-Value Evaluation Form

					Wetland I.D.
Total area of wetland Human made?	Is wetland	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 undeve	eloped buffer	zone present	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 Comments		
Function/Value	Suitability Y N	Rationale (Reference #)*			
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.

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

EGETATION (Four St	rata) – U	se scientific n	ames of	plants.		Sampling Point: W-H4 PEM (2)
	20'			Dominant		Dominance Test worksheet:
<u>Tree Stratum</u> (Plot size:1)		Species?	Status	Number of Dominant Species That Are OBL, FACW, or FAC:3 (A)
2						Total Number of Dominant Species Across All Strata:3(B)
4						Percent of Dominant Species
5 6						That Are OBL, FACW, or FAC:100%(A/B)
7						Prevalence Index worksheet:
				= Total Cove		Total % Cover of: Multiply by:
		total cover: 0	20% of	total cover:	0	OBL species x 1 =
Sapling/Shrub Stratum (Plot	size:)				FACW species x 2 =
1. Lindera benzoin			15		FAC	FAC species x 3 =
2						FACU species x 4 =
3						UPL species x 5 =
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
			15	= Total Cove	er	4 - Morphological Adaptations ¹ (Provide supporting
	50% of	total cover: 7.5	20% of	total cover:	3	
Herb Stratum (Plot size:	5')				data in Remarks or on a separate sheet)
1. Phalaris arundinacea			70		FACW	Problematic Hydrophytic Vegetation ¹ (Explain)
2. Carex striata			20		OBL	
3. Impatiens sp.			10		ND_	¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
4						Definitions of Four Vegetation Strata:
5						_
6						Tree – Woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of
7						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.		_				Herb – All herbaceous (non-woody) plants, regardless
	50% of	total cover: 50		= Total Cover:		of size, and woody plants less than 3.28 ft tall.
Woody Vine Stratum (Plot si		15')	2070 01	total covor.		Woody vine – All woody vines greater than 3.28 ft in
1						height.
2						
3 4.						
-						Hydrophytic
5			0	T-1-1 0		Vegetation Present? Yes _ ✓ No
	50% of	total cover:0		= Total Cove total cover:	_	100
Remarks: (Include photo nu		<u></u>		total cover.		
ND- Not Determined	mbers nere	or on a separate s	neet.)			
ND- NOI Determined						

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

EGETATION (Four Str	ata) – U	se scientific na	ames of	plants.		Sampling Point: W-H4 PEM (1)
	201			Dominant		Dominance Test worksheet:
Tree Stratum (Plot size:1				Species?	Status	Number of Dominant Species That Are OBL, FACW, or FAC:4 (A)
2						Total Number of Dominant Species Across All Strata: 5 (B)
3 4						Species Across All Strata: 5 (B) Percent of Dominant Species
5						That Are OBL, FACW, or FAC: 80% (A/B)
6						Prevalence Index worksheet:
1			0	Total Cour		Total % Cover of: Multiply by:
	50% of	total cover:0		= Total Cover:		OBL species x 1 =
Canling/Chruh Ctratum (Dlat		4 1	20 /6 01	total cover.		FACW species x 2 =
Sapling/Shrub Stratum (Plot 1. Lindera benzoin	Size:		10	✓	FAC	FAC species x 3 =
2. Rosa multiflora			5		FACU	FACU species x 4 =
					1 700	UPL species x 5 =
3						
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			15			3 - Prevalence Index is ≤3.0 ¹
	=00/ 5	75		= Total Cove	_	4 - Morphological Adaptations ¹ (Provide supporting
		total cover: 7.5	20% of	total cover:	3	data in Remarks or on a separate sheet)
Herb Stratum (Plot size:)	40	~	OBL	Problematic Hydrophytic Vegetation ¹ (Explain)
1. Carex striata						
2. Microstegium vimineum			20		FAC	¹ Indicators of hydric soil and wetland hydrology must
3. Juncus effusus					FACW	be present, unless disturbed or problematic.
4. Impatiens sp.			5		ND	Definitions of Four Vegetation Strata:
_{5.} Aster sp.			5		_ND_	T W 1 1 1 1 1 1 1 1 1
6. Symplocarpus foetidus			5		OBL	Tree – Woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of
7. Poa trivialis			5		FACW	height.
8						Carling/Church Wasderplants avaluating visus lass
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						Herb – All herbaceous (non-woody) plants, regardless
	500/ 5	50		= Total Cove		of size, and woody plants less than 3.28 ft tall.
Woody Vine Stratum (Plot siz		total cover: <u>50</u> 15'	20% or	total cover:	20	Woody vine – All woody vines greater than 3.28 ft in
						height.
1						
2						
3						
4						Hydrophytic
5						Vegetation Present? Yes V No
	F00/ - f			= Total Cove	_	riesent: ies_v No
		total cover: 0		total cover:		
Remarks: (Include photo nun	nbers here	or on a separate sl	neet.)			
ND- Not Determined						

VEGETATION (Four Strata) - Use scientific names of plan

2. Fraxinus pennsylvanica 20

4.______

6._____

Sapling/Shrub Stratum (Plot size: 15'

Herb Stratum (Plot size: 5')

1 Leersia virginica 2. Scirpus atrovirens Impatiens sp. 4. Carex striata

Tree Stratum (Plot size:

1. Acer rubrum

30'	Absolute % Cover	Dominant Ir Species?		Dominance Test worksheet: Number of Dominant Species
	40		FAC	That Are OBL, FACW, or FAC: 4 (A)
ca	20		FACW	Total Number of Dominant Species Across All Strata: 4* (B)
				Percent of Dominant Species That Are OBL, FACW, or FAC:100% (A/E
				Prevalence Index worksheet:
	60	Total Cavar		Total % Cover of: Multiply by:
50% of total cover:30		= Total Cover		OBL species x 1 =
ot size: 15'	20 % 01	total cover		FACW species x 2 =
lot size				FAC species x 3 =
				FACU species x 4 =
				UPL species x 5 =
				Column Totals: (A) (B
				Column Totals (A) (B
				Prevalence Index = B/A =
				Hydrophytic Vegetation Indicators:
				1 - Rapid Test for Hydrophytic Vegetation
				2 - Dominance Test is >50%
				3 - Prevalence Index is ≤3.0 ¹
500/ St. 1 0		= Total Cover	_	4 - Morphological Adaptations ¹ (Provide supporting
50% of total cover: 0	20% of	total cover:	0	data in Remarks or on a separate sheet)
)	50	~	FACW	Problematic Hydrophytic Vegetation ¹ (Explain)
	20	·	OBL	
				¹ Indicators of hydric soil and wetland hydrology must
	20		ND	be present, unless disturbed or problematic.
	10		OBL	Definitions of Four Vegetation Strata:
				Tree – Woody plants, excluding vines, 3 in. (7.6 cm) of more in diameter at breast height (DBH), regardless of height.
				Sapling/Shrub – Woody plants, excluding vines, less than 3 in. DBH and greater than or equal to 3.28 ft (1
				m) tall.
	400			Herb – All herbaceous (non-woody) plants, regardles
500/ 6:		= Total Cover		of size, and woody plants less than 3.28 ft tall.
50% of total cover: <u>50</u> t size: <u>15'</u>)	20% of	total cover:	20	Woody vine – All woody vines greater than 3.28 ft in height.
				Hydrophytic
	0	Total Com		Vegetation Present?
50% of total cover: 0		Total Cover total cover:	_	155
50% of total cover:0	20% 01	total cover:	<u> </u>	

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

Woody Vine Stratum (Plot size: 15')

2._____

ND- Not Determined

*Vegetation not ID'd down to the species level is not included in the dominance test.

	Absolute	Dominant	Indicator	Dominance Test worksheet:	
Tree Stratum (Plot size:30') 1. Acer rubrum		Species?		Number of Dominant Species That Are OBL, FACW, or FAC: 4	_ (A)
3				Total Number of Dominant	_ (B)
				Percent of Dominant Species	_ (D)
·				That Are OBL, FACW, or FAC: 100%	_ (A/B)
-		= Total Cove		Prevalence Index worksheet:	
50% of total cover:				OBL species x 1 =	
451	2078 01	total cover.		FACW species x 2 =	
(* 101 0.20)				FAC species x 3 =	
•				l e e e e e e e e e e e e e e e e e e e	
				FACU species x 4 =	
l				UPL species x 5 =	
·				Column Totals: (A)	(B)
				Prevalence Index = B/A =	
S				Hydrophytic Vegetation Indicators:	
1. <u></u>				1 - Rapid Test for Hydrophytic Vegetation	
3				2 - Dominance Test is >50%	
)				3 - Prevalence Index is ≤3.0 ¹	
	0	= Total Cove	er	1 	
50% of total cover:		total cover:	_	4 - Morphological Adaptations ¹ (Provide su	
Herb Stratum (Plot size: 5')				data in Remarks or on a separate shee	
Carex striata	30	/	OBL	Problematic Hydrophytic Vegetation ¹ (Expl	lain)
Poa trivialis	30	<u> </u>	FACW		
Juncus effusus	30	·	FACW	¹ Indicators of hydric soil and wetland hydrology be present, unless disturbed or problematic.	/ must
1				·	
5				Definitions of Four Vegetation Strata:	
				Tree – Woody plants, excluding vines, 3 in. (7.	6 cm) o
ò				more in diameter at breast height (DBH), regar	dless of
7				height.	
3				Sapling/Shrub – Woody plants, excluding vine	عوا عو
9				than 3 in. DBH and greater than or equal to 3.2	28 ft (1
10				m) tall.	•
11				Herb – All herbaceous (non-woody) plants, rec	jardless
50% of total cover:		= Total Cover:		of size, and woody plants less than 3.28 ft tall.	
Noody Vine Stratum (Plot size: 15')	2070 0.			Woody vine – All woody vines greater than 3.2	28 ft in
(Flot Size)				height.	
1					
2					
3					
1. <u> </u>				Hydrophytic	
).				Vegetation	
	0	= Total Cove	or .	Present? Yes V No No	_
50% of total cover:		total cover:	_		
		total covol.			
Remarks: (Include photo numbers here or on a separa	ate sheet.)				