Wetland Function-Value Evaluation Form

					Wetland I.D	
Total area of wetland Human made?	Is wetland	part of a wildlife corrido	or? c	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			
· · · · ·	If not, where does the wetland lie in the drainage basin?				Evaluation based on: Office Field Corps manual wetland delineation	
Function/Value	Suitability Y N	Rationale (Reference #)*	Principal Function(s)/Value(s)	completed? Y N 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.

0.01	Absolute	Dominant	Indicator	Dominance Test worksheet:
Tree Stratum (Plot size: 30')	% Cover	Species?	Status	Number of Dominant Species
1				That Are OBL, FACW, or FAC: (A)
2				
3				Total Number of Dominant Species Across All Strata: 2 (B)
4				Species Across All Strata: (B)
4				Percent of Dominant Species
5				That Are OBL, FACW, or FAC: 100% (A/B)
6				Prevalence Index worksheet:
7				
		= Total Cov		Total % Cover of: Multiply by:
50% of total cover:0	20% of	total cover:	0	OBL species x 1 =
Sapling/Shrub Stratum (Plot size: 15'				FACW species x 2 =
1				FAC species x 3 =
2				FACU species x 4 =
3				UPL species x 5 =
				Column Totals: (A) (B)
4				(2)
5				Prevalence Index = B/A =
6				Hydrophytic Vegetation Indicators:
7				1 - Rapid Test for Hydrophytic Vegetation
8				✓ 2 - Dominance Test is >50%
9.				<u> </u>
	0	= Total Cov	er	3 - Prevalence Index is ≤3.0 ¹
50% of total cover:0		total cover:	_	4 - Morphological Adaptations ¹ (Provide supporting
Herb Stratum (Plot size: 5')				data in Remarks or on a separate sheet)
1. Microstegium vimineum	50	~	FAC	Problematic Hydrophytic Vegetation ¹ (Explain)
2. Scirpus atrovirens	30		OBL	
				¹ Indicators of hydric soil and wetland hydrology must
3. Cyperus esculentus	15		FACW	be present, unless disturbed or problematic.
4. Apocynum cannabinum	15		FACU	Definitions of Four Vegetation Strata:
_{5.} Juncus sp.	5		ND*	_
6				Tree – Woody plants, excluding vines, 3 in. (7.6 cm) or
7				more in diameter at breast height (DBH), regardless of height.
8				
0				Sapling/Shrub – Woody plants, excluding vines, less
y				than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.
10		·		inj tali.
11	445			Herb – All herbaceous (non-woody) plants, regardless
		= Total Cov		of size, and woody plants less than 3.28 ft tall.
50% of total cover: <u>57.5</u>	20% of	total cover:	23	Woody vine – All woody vines greater than 3.28 ft in
Woody Vine Stratum (Plot size: 15')				height.
1				
2				
3				
4				
5.				Hydrophytic
J	0	T-1-1-0		Vegetation Present? Yes
50% of total cover: 0		= Total Cov total cover:		100
		total cover.		
Remarks: (Include photo numbers here or on a separate s	neet.)			
*ND- Not Determined.				
				I

Sampling Point: W-C37 PFO (1)

	Absolute	Dominant	Indicator	Dominance Test worksheet:
<u>Tree Stratum</u> (Plot size:)	% Cover	Species?	Status	Number of Dominant Species
1. Acer rubrum	50		FAC	That Are OBL, FACW, or FAC:2 (A)
2. Liriodendron tulipifera	15		FACU	
3. Carya ovata	15		FACU	Total Number of Dominant Species Across All Strata: (B)
4 Carpinus caroliniana	10		FAC	Species Across Air Strata.
-				Percent of Dominant Species
				That Are OBL, FACW, or FAC:100% (A/B)
6				Prevalence Index worksheet:
7				Total % Cover of: Multiply by:
45		= Total Cove		
50% of total cover: <u>45</u>	20% of	total cover:	18	OBL species x 1 =
Sapling/Shrub Stratum (Plot size: 15')				FACW species x 2 =
1				FAC species x 3 =
2				FACU species x 4 =
3				UPL species x 5 =
4				Column Totals: (A) (B)
5				D 1 1 1 1 1 1 1 1 1
6				Prevalence Index = B/A =
7				Hydrophytic Vegetation Indicators:
				1 - Rapid Test for Hydrophytic Vegetation
8				2 - Dominance Test is >50%
9	0			3 - Prevalence Index is ≤3.0 ¹
500/ - f t-t-1 0		= Total Cove	_	4 - Morphological Adaptations ¹ (Provide supporting
50% of total cover: 0	20% 01	total cover:		data in Remarks or on a separate sheet)
Tiorb Stratam (Fiot Size.	25		OBL	Problematic Hydrophytic Vegetation ¹ (Explain)
1. Symplocarpus foetidus	25		OBL	
2				¹ Indicators of hydric soil and wetland hydrology must
3				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
7				more in diameter at breast height (DBH), regardless of height.
8.				
0				Sapling/Shrub – Woody plants, excluding vines, less
				than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.
10				
11	25			Herb – All herbaceous (non-woody) plants, regardless
500/ () 12.5		= Total Cove		of size, and woody plants less than 3.28 ft tall.
50% of total cover: 12.5	<u> </u>	total cover:	5	Woody vine – All woody vines greater than 3.28 ft in
Woody Vine Stratum (Plot size:15')				height.
1				
2				
3				
4				Hydrophytic
5				Vegetation
	0	= Total Cove	er	Present? Yes No
50% of total cover:0		total cover:		
Remarks: (Include photo numbers here or on a separate sl	neet.)			
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Sampling Point:	W-C37	PSS
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Tree Stratum (Plot size: 30')	Absolute	Dominant Ir		Dominance Test worksheet:
1100 Stratum (1 10t 3126.	% Cover	Species?	Status	Number of Dominant Species That Are OBL FACW or FAC: 2 (A)
1				That Are OBL, FACW, or FAC: (A)
2				Total Number of Dominant
3				Species Across All Strata: 2 (B)
4				Percent of Dominant Species
5				That Are OBL, FACW, or FAC:100% (A/B)
6				Prevalence Index worksheet:
7	0			Total % Cover of: Multiply by:
50% of total cover: 0		Total Cover total cover:	_	OBL species x 1 =
Sapling/Shrub Stratum (Plot size: 15')	20% 01	total cover		FACW species x 2 =
1. Lindera benzoin	40	/	FAC	FAC species x 3 =
			1710	FACU species x 4 =
2				UPL species x 5 =
3				Column Totals: (A) (B)
4				Column rotals (r) (S)
5				Prevalence Index = B/A =
6				Hydrophytic Vegetation Indicators:
7				1 - Rapid Test for Hydrophytic Vegetation
8				✓ 2 - Dominance Test is >50%
9	40			3 - Prevalence Index is ≤3.0 ¹
50% of total cover: 20		= Total Cover		4 - Morphological Adaptations ¹ (Provide supporting
F 1	20% 01	total cover:_		data in Remarks or on a separate sheet)
Herb Stratum (Plot size: 5') 1. Symplocarpus foetidus	30	/	OBL	Problematic Hydrophytic Vegetation ¹ (Explain)
2				¹ Indicators of hydric soil and wetland hydrology must
3				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
500/ 51.1. 15		= Total Cover		of size, and woody plants less than 3.28 ft tall.
50% of total cover: 15	20% 01	total cover:_		Woody vine – All woody vines greater than 3.28 ft in
Woody Vine Stratum (Plot size: 15')				height.
1				
2				
3				
4				Hydrophytic
5				Vegetation Present? Yes ✓ No
50% of total cover: 0		= Total Cover	_	Fresent: res_v No
		total cover:_		
Remarks: (Include photo numbers here or on a separate sl	neet.)			

· · · · · · · · · · · · · · · · · · ·		<u>.</u>	1 12 1	
Tree Stratum (Plot size: 30')	Absolute % Cover	Dominant Species?		Dominance Test worksheet:
1 Acer rubrum	30	Species:	FAC	Number of Dominant Species That Are OBL_FACW_or_FAC: 4 (A)
**				That Are OBL, FACW, or FAC: 4 (A)
2. Quercus bicolor	20		<u>FACW</u>	Total Number of Dominant
3				Species Across All Strata: 4 (B)
4				
				Percent of Dominant Species
5				That Are OBL, FACW, or FAC: 100% (A/B)
6				Prevalence Index worksheet:
7				
	50	= Total Co	ver	Total % Cover of: Multiply by:
50% of total cover:25	20% of	total cover	10	OBL species x 1 =
Sapling/Shrub Stratum (Plot size: 15'				FACW species x 2 =
1 Lindera benzoin	20	.,	E40	FAC species x 3 =
·· 			FAC	
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		_		
9				2 - Dominance Test is >50%
J	20			3 - Prevalence Index is ≤3.0 ¹
T00/ C		= Total Co		4 - Morphological Adaptations ¹ (Provide supporting
50% of total cover:10	20% of	total cover	:4	data in Remarks or on a separate sheet)
Herb Stratum (Plot size: 5')				· · ·
1. Symplocarpus foetidus	50	V	OBL	Problematic Hydrophytic Vegetation ¹ (Explain)
2. Microstegium vimineum	20	V	FAC	
3. Impatiens sp.	10		FACW	¹ Indicators of hydric soil and wetland hydrology must
	10	· 		be present, unless disturbed or problematic.
4. Dryopteris sp.			<u>ND</u>	Definitions of Four Vegetation Strata:
5. Onoclea sensibilis	5		FACW_	
6				Tree – Woody plants, excluding vines, 3 in. (7.6 cm) or
7				more in diameter at breast height (DBH), regardless of height.
0				noight.
0				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
	95	= Total Co	uer .	of size, and woody plants less than 3.28 ft tall.
50% of total cover: 47.		total cover		
4 = 1	2070 01	total covol		Woody vine – All woody vines greater than 3.28 ft in
voody vine Stratum (Flot size)	10			height.
1. Smilax	10			
2				
3				
4				Hydrophytic
5		-		Vegetation No. No.
		= Total Co		Present? Yes V No No
50% of total cover:5	20% of	total cover	: 2	
Remarks: (Include photo numbers here or on a separate s	heet.)			
ND - Not Determined.	,			
No Not Botominou.				
5 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4				4.0147
Both Impatiens sp. found in the region have we	land indi	cator stat	tus's of F	ACW.