Wetland Function-Value Evaluation Form

					wetiand 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 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		
Function/Value	Suitability Y N	Rationale (Reference #)*	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.

/EGETATION (Four Strat	a) – Use scientific n	names of	plants.		Sampling Point:	W-I24
	30'		Dominant Inc		Dominance Test worksheet:	
<u>Tree Stratum</u> (Plot size:1			Species? S		Number of Dominant Species That Are OBL, FACW, or FAC: 2	(A)
2 3					Total Number of Dominant Species Across All Strata: 2	2 (B)
4 5					Percent of Dominant Species That Are OBL, FACW, or FAC: 100	0%(A/B)
6					Prevalence Index worksheet:	
7			. —— -			v bvi
	0		= Total Cover		Total % Cover of: Multiply	
	50% of total cover: 0	20% of	total cover:		OBL species x 1 = FACW species x 2 =	
Sapling/Shrub Stratum (Plot size					FAC species x 3 =	
1					1	
2					FACU species x 4 =	
3					UPL species x 5 =	
4 5					Column Totals: (A)	
6					Prevalence Index = B/A =	
7					Hydrophytic Vegetation Indicators:	
8					1 - Rapid Test for Hydrophytic Vegeta	ation
9			·		2 - Dominance Test is >50%	
J		0	= Total Cover		3 - Prevalence Index is ≤3.0 ¹	
	50% of total cover:0			0	4 - Morphological Adaptations ¹ (Provi	
Herb Stratum (Plot size:	5')				data in Remarks or on a separate	
1. Poa trivialis		45	✓ F	FACW	Problematic Hydrophytic Vegetation ¹	(Explain)
2. Symplocarpus foetidus		25	<u> </u>	OBL		
3. Lysimachia nummularia		20		FACW	¹ Indicators of hydric soil and wetland hydr	rology must
4. Ranunculus sp.		15	·	ND	be present, unless disturbed or problema	tic.
			·		Definitions of Four Vegetation Strata:	
56					Tree – Woody plants, excluding vines, 3 i more in diameter at breast height (DBH),	in. (7.6 cm) or
7					height.	
8					Sapling/Shrub - Woody plants, excluding	a vines. less
9					than 3 in. DBH and greater than or equal	to 3.28 ft (1
10					m) tall.	
11		105	= Total Cover		Herb – All herbaceous (non-woody) plant of size, and woody plants less than 3.28 f	
	50% of total cover: <u>52.</u>	5 20% of	total cover:	21	Woody vine – All woody vines greater that	
Woody Vine Stratum (Plot size: 1	 '				height.	
2						
3						
4						
··		-			Hydrophytic Vegetation	
~		0	= Total Cover		Present? Yes V No	
	50% of total cover:0			_		
Remarks: (Include photo number			10101 001011			
ND - Not determined		- /				

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

EGETATION (Four Stra	ata) – Use sci	ientific names of	plants.		Sampling Point: W-I24 PFO (
		Absolute	Dominant	Indicator	Dominance Test worksheet:
Tree Stratum (Plot size:	30'		Species?		Number of Dominant Species
1. Fraxinus pennsylvanica		35		FACW	That Are OBL, FACW, or FAC:5 (A)
2. Platanus occidentalis		30	✓	FACW	
Acer rubrum				FAC	Total Number of Dominant Species Across All Strata: 5 (B)
			-		Species Across All Strata:5 (B)
ł					Percent of Dominant Species
5					That Are OBL, FACW, or FAC:100% (A/B)
6					
7.					Prevalence Index worksheet:
			= Total Cov	er	Total % Cover of: Multiply by:
	50% of total co	over: 37.5 20% of			OBL species x 1 =
Conling/Chrub Stratum (Dlot o	4 =1	1	total oovoi.		FACW species x 2 =
Sapling/Shrub Stratum (Plot s	lize:) 15			FAC species x 3 =
. Fraxinus pennsylvanica				FACW	
2					FACU species x 4 =
3					UPL species x 5 =
l					Column Totals: (A) (B)
5					Prevalence Index = B/A =
ò					Hydrophytic Vegetation Indicators:
7					1 - Rapid Test for Hydrophytic Vegetation
3					
					2 - Dominance Test is >50%
			= Total Cov		3 - Prevalence Index is ≤3.0 ¹
	EOV of total or	over: 7.5 20% of			4 - Morphological Adaptations ¹ (Provide supporting
		over 20% or	total cover.		data in Remarks or on a separate sheet)
Herb Stratum (Plot size:)	00	,	E4 0)4/	Problematic Hydrophytic Vegetation ¹ (Explain)
_{1.} Poa trivialis		30		FACW	
2. Symplocarpus foetidus		25		OBL	1
_{3.} Impatiens sp.		15		ND	¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
Rubus sp.				ND	· · · · · · · · · · · · · · · · · · ·
					Definitions of Four Vegetation Strata:
5					Tree – Woody plants, excluding vines, 3 in. (7.6 cm) or
ô					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.
10					,
11			· ——		Herb – All herbaceous (non-woody) plants, regardless
			= Total Cov		of size, and woody plants less than 3.28 ft tall.
	50% of total co	over: <u>40</u> 20% of	total cover:	16	Woody vine – All woody vines greater than 3.28 ft in
Woody Vine Stratum (Plot siz	e: 30')			height.
1					- no.g.m
2					
3					
1					Hydrophytic
5					Vegetation
		0	= Total Cov	er	Present? Yes No
	50% of total co		total cover:	_	
Daniel de la			total covor.		
Remarks: (Include photo num	bers here or on a	i separate sneet.)			
ID - Not determined					

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

EGETATION (Four Stra	ata) – Use scientific r	names of	plants.		Sampling Point: W-I24 PFO (
	201	Absolute	Dominant		Dominance Test worksheet:
ree Stratum (Plot size:)		Species?		Number of Dominant Species _
Fraxinus pennsylvanica		35		FACW	That Are OBL, FACW, or FAC:5 (A)
Platanus occidentalis		30		FACW	Total Number of Deminent
Acer rubrum		10		FAC	Total Number of Dominant Species Across All Strata: 5 (B)
					(=)
		-			Percent of Dominant Species That Are OBL FACW or FAC: 100% (A/B)
		-			That Are OBL, FACW, or FAC: 100% (A/B)
		-			Prevalence Index worksheet:
					Total % Cover of: Multiply by:
	27		= Total Cov		
	50% of total cover: 37.	<u>5</u> 20% of	total cover:	15	OBL species x 1 =
Sapling/Shrub Stratum (Plot s	size:15')				FACW species x 2 =
Fraxinus pennsylvanica		15		FACW	FAC species x 3 =
					FACU species x 4 =
					UPL species x 5 =
					Column Totals: (A) (B)
			· ——		Prevalence Index = B/A =
)					Hydrophytic Vegetation Indicators:
1. <u> </u>					1 - Rapid Test for Hydrophytic Vegetation
3. <u> </u>					✓ 2 - Dominance Test is >50%
9					3 - Prevalence Index is ≤3.0 ¹
		15	= Total Cov	er	4 - Morphological Adaptations ¹ (Provide supporting
	50% of total cover:	5 20% of	total cover:	3	
Herb Stratum (Plot size:	5')				data in Remarks or on a separate sheet)
Poa trivialis		30	✓	FACW	Problematic Hydrophytic Vegetation ¹ (Explain)
Symplocarpus foetidus		25		OBL	
Impatiens sp.		15		ND	¹ Indicators of hydric soil and wetland hydrology must
Rubus sp.		10		ND	be present, unless disturbed or problematic.
1					Definitions of Four Vegetation Strata:
ō			· ——		Tree – Woody plants, excluding vines, 3 in. (7.6 cm) or
S					more in diameter at breast height (DBH), regardless of
1. <u></u>					height.
3					Continue/Charle Manda plants qualitative views loss
9.					Sapling/Shrub – Woody plants, excluding vines, less than 3 in. DBH and greater than or equal to 3.28 ft (1
0.					m) tall.
1					
· · · · · · · · · · · · · · · · · · ·		80	T-1-1-0		Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.
	50% of total cover: 40		= Total Cov total cover:		of Size, and woody plants less than 3.26 it tall.
Manaka Mina Chartana (Diatain	001	20% 01	total cover.		Woody vine – All woody vines greater than 3.28 ft in
Noody Vine Stratum (Plot siz	,				height.
•					
3					
					Lludrophytic
-).					Hydrophytic Vegetation
		0	= Total Cov	or	Present? Yes V No
	50% of total cover:0				
Daniel de la			total cover.		
Remarks: (Include photo num	bers nere or on a separate s	sneet.)			
ID - Not determined					