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?_			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.

Sampling Point: W-K68 PEM (1	Sampling	Point:	W-K68	PEM	(1)
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	Absolute	Dominant	Indicator	Dominance Test worksheet:
Tree Stratum (Plot size: 30')		Species?		Number of Dominant Species _
1.				That Are OBL, FACW, or FAC: 7 (A)
2			·	
3				Total Number of Dominant Species Across All Strata: 7 (B)
				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				、, 、,
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 ≤3.0¹
	0	= Total Cov	er	
50% of total cover:0	20% of	total cover:	0	4 - Morphological Adaptations ¹ (Provide supporting
Herb Stratum (Plot size: 5'				data in Remarks or on a separate sheet)
1. Carex vulpinoidea	15	~	OBL	Problematic Hydrophytic Vegetation ¹ (Explain)
2 Toxicodendron radicans	15	~	FAC	
3. Scirpus atrovirens	10		OBL	¹ Indicators of hydric soil and wetland hydrology must
4. Verbesina alternifolia	10		FAC	be present, unless disturbed or problematic.
5. Juncus effusus	10		FACW	Definitions of Four Vegetation Strata:
			FACW	Tree – Woody plants, excluding vines, 3 in. (7.6 cm) or
6. Agrimonia parviflora	10			more in diameter at breast height (DBH), regardless of
7. Carex lurida	10		OBL	height.
8. Vernonia noveboracensis	5		FACW	Sapling/Shrub – Woody plants, excluding vines, less
9. Dipsacus fullonum	5		FACU	than 3 in. DBH and greater than or equal to 3.28 ft (1
10. Coleataenia rigidula	3		FACW	m) tall.
11.			·	Hort All hards account (non-successive) plants, regardless
	93	= Total Cov	or	Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.
50% of total cover: 46.5				of olzo, and woody planto loop than olzo it tall.
Woody Vine Stratum (Plot size: 15')		total cover.		Woody vine – All woody vines greater than 3.28 ft in
·,				height.
1			-	
2				
3				
4				Hydrophytic
5				Vegetation
	0	= Total Cov	er	Present? Yes No
50% of total cover:0	20% of	total cover:	0	
Remarks: (Include photo numbers here or on a separate s	heet.)			

	Sampling	Point:	W-K68	PEM	(2)
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	Absolute	Dominant	Indicator	Dominance Test worksheet:
Tree Stratum (Plot size: 30')		Species?		Number of Dominant Species
1				That Are OBL, FACW, or FAC:4 (A)
2				
3				Total Number of Dominant Species Across All Strata: 4 (B)
1				Species / toross / tir ctrata.
4				Percent of Dominant Species That Are OBL_FACW_or FAC: 100% (A/B)
5				That Are OBL, FACW, or FAC: (A/B)
6				Prevalence Index worksheet:
7				Total % Cover of: Multiply by:
0		= Total Cov		OBL species x 1 =
50% of total cover: 0	20% of	total cover:	0	
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				
				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
		= Total Cov	_	4 - Morphological Adaptations ¹ (Provide supporting
50% of total cover:0	20% of	total cover:	0	data in Remarks or on a separate sheet)
Herb Stratum (Plot size: 5')				Problematic Hydrophytic Vegetation ¹ (Explain)
1. Scirpus cyperinus	30		FACW	Problematic Hydrophytic Vegetation (Explain)
2. Juncus effusus	20		FACW	1
3. Carex Iurida	15	✓	OBL	¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
4 Carex vulpinoidea	15	<u> </u>	OBL	
5. Carex crinita	10		OBL	Definitions of Four Vegetation Strata:
6. Eleocharis sp.	7		ND	Tree – Woody plants, excluding vines, 3 in. (7.6 cm) or
7 Impatiens sp.	5		ND	more in diameter at breast height (DBH), regardless of
				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 Cov		of size, and woody plants less than 3.28 ft tall.
50% of total cover: 51	20% of	total cover:	20.4	Woody vine – All woody vines greater than 3.28 ft in
Woody Vine Stratum (Plot size: 15')				height.
1				<u> </u>
2				
3.				
4				
4 5.				Hydrophytic
5	0	T-1-1-0		Vegetation Present? Yes ✓ No
50% of total cover: 0		= Total Cov total cover:	_	· · · · · · · · · · · · · · · · · · ·
		total cover.		
Remarks: (Include photo numbers here or on a separate si	neet.)			
ND- Not determined				

Sampling Point: W-K68 PSS (1)

	Absolute	Dominant	Indicator	Dominance Test worksheet:
Tree Stratum (Plot size: 30')		Species?		
1 Ulmus rubra	10	<u> </u>	FAC	Number of Dominant Species That Are OBL FACW or FAC: 5 (A)
	-		1710	That Are OBL, FACW, or FAC:5 (A)
2				Total Number of Dominant
3				Species Across All Strata:5 (B)
4				
				Percent of Dominant Species That Are OBL FACW or FAC: 100% (A/B)
5				That Are OBL, FACW, or FAC: 100% (A/B)
6				Prevalence Index worksheet:
7				Total % Cover of: Multiply by:
	10	= Total Cov		
50% of total cover: 5	20% of	total cover:	2	OBL species x 1 =
Sapling/Shrub Stratum (Plot size: 15')				FACW species x 2 =
1. Ulmus rubra	35	~	FAC	FAC species x 3 =
2. Elaeagnus umbellata	10		FACU	FACU species x 4 =
	10		ND	UPL species x 5 =
3. Crataegus sp.			<u> ND</u>	
4				Column Totals: (A) (B)
5				Dravalance Index D/A
6				Prevalence Index = B/A =
				Hydrophytic Vegetation Indicators:
7				1 - Rapid Test for Hydrophytic Vegetation
8				✓ 2 - Dominance Test is >50%
9				3 - Prevalence Index is ≤3.0 ¹
	55	= Total Cov	er	4 - Morphological Adaptations ¹ (Provide supporting
50% of total cover: <u>27.5</u>	20% of	total cover:	11	
Herb Stratum (Plot size: 5')				data in Remarks or on a separate sheet)
1. Juncus effusus	20	/	FACW	Problematic Hydrophytic Vegetation ¹ (Explain)
	20			
2. Onoclea sensibilis			FACW	¹ Indicators of hydric soil and wetland hydrology must
3. Carex Iurida	15		OBL	be present, unless disturbed or problematic.
4. Juncus tenuis	10		FAC	Definitions of Four Vegetation Strata:
5. Scirpus atrovirens	10	<u> </u>	OBL	Deminions of Four Vegetation Strata.
6. Agrimonia parviflora	10		FACW	Tree – Woody plants, excluding vines, 3 in. (7.6 cm) or
	5		FAC	more in diameter at breast height (DBH), regardless of
7. Verbesina alternifolia				height.
8. Mimulus floribundus	5		OBL	Sapling/Shrub – Woody plants, excluding vines, less
9. Ludwigia alternifolia	2		FACW	than 3 in. DBH and greater than or equal to 3.28 ft (1
10.				m) tall.
11				
11	07			Herb – All herbaceous (non-woody) plants, regardless
40.5		= Total Cov		of size, and woody plants less than 3.28 ft tall.
50% of total cover: <u>48.5</u>	20% of	total cover:	19.4	Woody vine – All woody vines greater than 3.28 ft in
Woody Vine Stratum (Plot size: 15')				height.
1				
2				
2				
s				
4				Hydrophytic
5				Vegetation
	0	= Total Cov	er	Present? Yes V No No
50% of total cover:0	20% of	total cover:	0	
Remarks: (Include photo numbers here or on a separate sl	heet.)			
ND- Not determined	11001.7			
ND- Not determined				

	Absolute	Dominant	Indicator	Dominance Test workshoots
Tree Stratum (Plot size: 30')		Species?		Dominance Test worksheet:
				Number of Dominant Species That Are OBL, FACW, or FAC:7 (A)
1				(A)
2				Total Number of Dominant
3				Species Across All Strata:8 (B)
4				Percent of Dominant Species
5				That Are OBL, FACW, or FAC: 88% (A/B)
6				
7				Prevalence Index worksheet:
	0	= Total Cov	er	Total % Cover of: Multiply by:
50% of total cover:0		total cover:	_	OBL species x 1 =
Sapling/Shrub Stratum (Plot size: 15')		•		FACW species x 2 =
1. Ulmus rubra	15	~	FAC	FAC species x 3 =
2. Rosa multiflora	10	·	FACU	FACU species x 4 =
3. Quercus bicolor	10		FACW	UPL species x 5 =
4. Carya laciniosa	5		FAC	Column Totals: (A) (B)
_{5.} Alnus glutinosa	5		FACW	Prevalence Index = B/A =
6	-			
7				Hydrophytic Vegetation Indicators:
				1 - Rapid Test for Hydrophytic Vegetation
8	-			✓ 2 - Dominance Test is >50%
9	45	· 		3 - Prevalence Index is ≤3.0 ¹
22.5		= Total Cov		4 - Morphological Adaptations ¹ (Provide supporting
50% of total cover: 22.5	20% of	total cover:	9	data in Remarks or on a separate sheet)
Herb Stratum (Plot size: 5')				Problematic Hydrophytic Vegetation ¹ (Explain)
1. Juncus effusus	20		FACW	1 Toblematic Trydrophytic vegetation (Explain)
2. Onoclea sensibilis	20		FACW	1
3. Toxicodendron radicans	20	~	FAC	¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
4. Carex vulpinoidea	15		OBL	
5. Carex lurida	15		OBL	Definitions of Four Vegetation Strata:
6. Vernonia noveboracensis	10	· <u> </u>	FACW	Tree – Woody plants, excluding vines, 3 in. (7.6 cm) or
7. Solidago sp.	10		ND	more in diameter at breast height (DBH), regardless of
	5			height.
8. Agrimonia parviflora			FACW	Sapling/Shrub – Woody plants, excluding vines, less
9. Rubus allegheniensis	5	. <u></u>	FACU	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
	120	= Total Cov	er	of size, and woody plants less than 3.28 ft tall.
50% of total cover: 60		total cover:		
Woody Vine Stratum (Plot size: 15')				Woody vine – All woody vines greater than 3.28 ft in
				height.
1				
2				
3				
4				Hydrophytic
5				Vegetation
	0	= Total Cov	er	Present? Yes No
50% of total cover:0		total cover:	_	
Remarks: (Include photo numbers here or on a separate s	heet.)			
ND-Not determined	,			
Not determined				

Sampling Point: W-Noo Pro (1)	Sampling Point: W-K68 PFO (1)
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	Absolute	Dominant	Indicator	Dominance Test worksheet:
Tree Stratum (Plot size: 30')			Status	
1 Fagus grandifolia	20	<u> </u>	FACU	Number of Dominant Species That Are OBL FACW or FAC: 5 (A)
··	20			That Are OBL, FACW, or FAC: (A)
2. Carya ovata			FAC	Total Number of Dominant
3. Carpinus caroliniana	20		FAC	Species Across All Strata: 7 (B)
4. Quercus bicolor	15		FACW	
5. Acer saccharum	5		FACU	Percent of Dominant Species That Are OBL, FACW, or FAC: 71% (A/B)
6. Tsuga canadensis	5		FACU	That Ale OBL, FACW, of FAC (A/B)
-				Prevalence Index worksheet:
7	-05			Total % Cover of: Multiply by:
10.5		= Total Cove		
50% of total cover: 42.5	20% of	total cover:	17	OBL species x 1 =
Sapling/Shrub Stratum (Plot size: 15'				FACW species x 2 =
1. Ulmus rubra	25		FAC	FAC species x 3 =
2. Carpinus caroliniana	20	V	FAC	FACU species x 4 =
3. Fagus grandifolia	20		FACU	UPL species x 5 =
4 Acer saccharum	5		FACU	Column Totals: (A) (B)
"			FACO	Column rotals (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	70			3 - Prevalence Index is ≤3.0 ¹
0.5		= Total Cove		4 - Morphological Adaptations ¹ (Provide supporting
50% of total cover: 35	20% of	total cover:	14	data in Remarks or on a separate sheet)
Herb Stratum (Plot size: 5')				• • • • • • • • • • • • • • • • • • • •
1. Symplocarpus foetidus	50	✓	OBL	Problematic Hydrophytic Vegetation ¹ (Explain)
2. Polystichum acrostichoides	15		FACU	
3. Dryopteris sp.	10		ND	¹ Indicators of hydric soil and wetland hydrology must
4. Galium aparine	5		FACU	be present, unless disturbed or problematic.
·			FACO	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				
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
	80	= Total Cove	er	of size, and woody plants less than 3.28 ft tall.
50% of total cover: <u>40</u>	20% of	total cover:	16	We a trade Allows during a section than 0.00 ft.
Woody Vine Stratum (Plot size: 15')				Woody vine – All woody vines greater than 3.28 ft in height.
1.				neight.
_	-			
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 si				
	ileet.)			
ND- Not determined				

	Absolute	Dominant	Indicator	Dominance Test worksheet:
Tree Stratum (Plot size: 30')		Species?		Number of Dominant Species
1. Ulmus rubra	40	~	FAC	That Are OBL, FACW, or FAC:6 (A)
2 Pinus strobus	30		FACU	
3				Total Number of Dominant Species Across All Strata: 7 (B)
				Species Across All Strata: (B)
4				Percent of Dominant Species
5				That Are OBL, FACW, or FAC: 85% (A/B)
6				Prevalence Index worksheet:
7				Total % Cover of: Multiply by:
		= Total Cov		
50% of total cover: 35	20% of	total cover:	14	OBL species x 1 =
Sapling/Shrub Stratum (Plot size: 15'				FACW species x 2 =
1. Ulmus rubra	30		FAC	FAC species x 3 =
2. Quercus bicolor	5		FACW	FACU species x 4 =
3. Rosa multiflora	5		FACU	UPL species x 5 =
4. Rhus typhina	5		FACU	Column Totals: (A) (B)
5				
6				Prevalence Index = B/A =
				Hydrophytic Vegetation Indicators:
7				1 - Rapid Test for Hydrophytic Vegetation
8				2 - Dominance Test is >50%
9	45			3 - Prevalence Index is ≤3.0 ¹
50% of total cover: 22.5		= Total Cov		4 - Morphological Adaptations ¹ (Provide supporting
	20% 01	total cover.		data in Remarks or on a separate sheet)
Tierb Ottatam (Flot Size.	20	/	OBL	Problematic Hydrophytic Vegetation ¹ (Explain)
1. Scirpus atrovirens	20			
2. Scirpus cyperinus			FACW	¹ Indicators of hydric soil and wetland hydrology must
3. Verbesina alternifolia	15		FAC	be present, unless disturbed or problematic.
4. Juncus effusus	15		FACW	Definitions of Four Vegetation Strata:
5. Carex lurida	10		OBL	-
6. Carex vulpinoidea	10		OBL	Tree – Woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of
7. Solidago sp.	10		ND	height.
8. Agrimonia parviflora	5		FACW	
9. Glyceria striata	5		OBL	Sapling/Shrub – Woody plants, excluding vines, less than 3 in. DBH and greater than or equal to 3.28 ft (1
10. Microstegium vimineum	5		FAC	m) tall.
11.				
	115	= Total Cov		Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.
50% of total cover: <u>57.5</u>				or size, and weedy plante less than 6.20 it tail.
Woody Vine Stratum (Plot size: 15')		total oovor.		Woody vine – All woody vines greater than 3.28 ft in
				height.
1				
2				
3				
4				Hydrophytic
5				Vegetation
		= Total Cov	_	Present? Yes No
50% of total cover:0	20% of	total cover:	0	
Remarks: (Include photo numbers here or on a separate s	heet.)			
ND- Not determined				