

Missouri Wildlife Habitat Incentives Program (WHIP) Wildlife Habitat Appraisal Guide Seasonal Wetland Community Model

Applicant(s): _____ **Date:** _____

Farm Number: _____ **Tract Number:** _____ **Field Number(s):** _____ **County:** _____

Instructions: Answer each of the questions (1 - 6) below by circling the appropriate points for both the existing and planned conditions. N/A = Not Applicable in the Wildlife Habitat Development Plan (WHDP)

	Points if Existing	Points if Planned
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Surface Water Present

(1)	Calculate this factor by considering consecutive days of surface water present - use a long term average		
	More than 4 months per year	10	10
	3 to 4 months per year	6	6
	2 to 3 months per year	4	4
	1 to 2 months per year	2	2
	Less than 30 days per year	0	N/A

Surface Water Present Points

Seasonal Wetland Management

(2)	Calculate this factor by considering the % of wetland disturbed at least once every two years		
	More than 50%	8	8
	25 to 50%	6	6
	Less than 25%	4	N/A
	Fall moldboard plowing	0	N/A
	BONUS: points for food plots or unharvested grain remaining in the field(s)	2	2

Seasonal Wetland Management Points

Flooding Frequency

(3)	Must flood on a minimum of 50% of seasonal wetland area to score points		
	Annually	10	10
	4 out of 5 years	8	8
	3 out of 5 years	6	6
	1 out of 2 years	4	4
	2 out of 5 years	2	N/A
	Less than 2 of every 5 years	0	N/A

Flooding Frequency Points

Seasonal Wetland Size

(4)	More than 80 acres	10	10
	40 to 80 acres	6	6
	20 to 40 acres	4	4
	10 to 20 acres	2	N/A
	Less than 10 acres	0	N/A

Seasonal Wetland Size Points

Water Source

(5)	Dependable artificial water	10	10
	Supply overbank/precipitation driven	5	5
	Non-depressional; no water storage	0	N/A

Water Source Points

Erosion and Sediment Control

(6)	Stabilizes ephemeral, gully, scour channel and/or streambank erosion	10	10
	Traps sheet and rill sediment; or effective in trapping sediment at high flows (connected with stream system at high flows)	5	5
	Provides little erosion or sediment control (adjacent area adequately protected)	1	1

Erosion and Sediment Control Points

Total Points Planned and Existing (Maximum score possible is 60) =

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Scoring

(7) Existing Index = Total Existing Points/60 (60 is the maximum possible score)

Total existing points =

Existing Index =

(8) Planned WHIP Contract Index = Total Planned Score/60 (60 is the maximum possible score)

Total planned score =

Planned Community Type Index =

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