

Lentic Checklist

Name of Riparian-Wetland Area:			
Date:		Segment/Reach ID:	
ID Team Observers:			

Potential:
Capability:

Yes	No	N/A	HYDROLOGICAL
			1) Riparian-wetland area is saturated at or near the surface or inundated in “relatively frequent” events
			2) Fluctuation of water levels is not excessive
			3) Riparian-wetland area is enlarging or has achieved potential extent
			4) Upland watershed is not contributing to riparian-wetland degradation
			5) Water quality is sufficient to support riparian-wetland plants
			6) Natural surface or subsurface flow patterns are not altered by disturbance (i.e., hoof action, dams, dikes, trails, roads, rills, gullies, drilling activities)
			7) Structure accommodates safe passage of flows (e.g., no headcut affecting dam or spillway)

Yes	No	N/A	VEGETATION
			8) There is diverse age-class distribution of riparian-wetland vegetation (recruitment for maintenance/recovery)
			9) There is diverse composition of riparian-wetland vegetation (for maintenance/recovery) [<i>species present</i>]
			10) Species present indicate maintenance of riparian-wetland soil moisture characteristics
			11) Vegetation is comprised of those plants or plant communities that have root masses capable of withstanding wind events, wave flow events, or overland flows (e.g., storm events, snowmelt) [<i>community types present</i>]
			12) Riparian-wetland plants exhibit high vigor
			13) Adequate riparian-wetland vegetative cover present to protect shoreline/soil surface and dissipate energy during high wind and wave events or overland flows [<i>enough</i>]

			14) Frost or abnormal hydrologic heaving is not present
			15) Favorable microsite condition (i.e., woody material, water temperature, etc.,) is maintained by adjacent site characteristics

Yes	No	N/A	EROSION DEPOSITION
			16) Accumulation of chemicals affecting plant productivity/composition is not apparent
			17) Saturation of soils (i.e., ponding, flooding frequency, and duration) is sufficient to compose and maintain hydric soils
			18) Underlying geologic structure/soil material/permafrost is capable of restricting water percolation
			19) Riparian-wetland is in balance with the water and sediment being supplied by the watershed (i.e., no excessive erosion or deposition)
			20) Islands and shoreline characteristics (i.e., rocks, coarse and/or large woody material) are adequate to dissipate wind and wave event energies

Remarks

SUMMARY DETERMINATION

Functional Rating		PFC	Are factors contributing to unacceptable conditions outside the control of the manager?
___ Proper Functioning Condition		Yes ___	
___ Functional - At Risk		No ___	
___ Nonfunctional		FAR	If yes, what are those factors?
___ Unknown		NF	___ Flow regulations ___ Mining activities ___ Upstream channel conditions ___ Channelization ___ Road encroachment ___ Oil field water discharge ___ Augmented flows ___ Other (specify) _____
Trend for Functional - At Risk:			
___ Upward			
___ Downward			
___ Not Apparent			

(Revised 1998) (5/2008)