

Lentic Standard Checklist

Name of Riparian-Wetland Area: Ephemeral DrainageDate: 4-7-17 Area/Segment ID: R2-F Acres: ID Team Observers: ME, IM.

Yes	No	N/A	HYDROLOGY
	✓		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) <i>lacking</i>
	✓		9) There is diverse composition of riparian-wetland vegetation (for maintenance/recovery)
	✓		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)
	✓		12) Riparian-wetland plants exhibit high vigor <i>only moderate</i>
	✓		13) Adequate riparian-wetland vegetative cover is present to protect shoreline/soil surface and dissipate energy during high wind and wave events or overland flows
		✓	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

Notes - plants controlled @ this location = coming to lake
 Through Channelizing boulders & rip-rap. Signs of vegetation
 management.
 Boulders indicators. Rip-rap present.

