

## Lentic Standard Checklist

Name of Riparian-Wetland Area: Quail Lake Freshwater Emergent Wetland  
 Date: 5/2/17 Area/Segment ID: QRLE-3A Acres: \_\_\_\_\_  
 ID Team Observers: R. Brown, M. Gama, L. Fan

Yes	No	N/A	HYDROLOGY
<input checked="" type="checkbox"/>			1) Riparian-wetland area is saturated at or near the surface or inundated in "relatively frequent" events
<input checked="" type="checkbox"/>			2) Fluctuation of water levels is not excessive
<input checked="" type="checkbox"/>			3) Riparian-wetland area is enlarging or has achieved potential extent
<input checked="" type="checkbox"/>			4) Upland watershed is not contributing to riparian-wetland degradation
<input checked="" type="checkbox"/>			5) Water quality is sufficient to support riparian-wetland plants
<input checked="" type="checkbox"/>			6) Natural surface or subsurface flow patterns are not altered by disturbance (i.e., hoof action, dams, dikes, trails, roads, rills, gullies, drilling activities)
<input checked="" type="checkbox"/>			7) Structure accommodates safe passage of flows (e.g., no headcut affecting dam or spillway)
Yes	No	N/A	VEGETATION
<input checked="" type="checkbox"/>			8) There is diverse age-class distribution of riparian-wetland vegetation (recruitment for maintenance/recovery)
<input checked="" type="checkbox"/>			9) There is diverse composition of riparian-wetland vegetation (for maintenance/recovery)
<input checked="" type="checkbox"/>			10) Species present indicate maintenance of riparian-wetland soil moisture characteristics
<input checked="" type="checkbox"/>			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)
<input checked="" type="checkbox"/>			12) Riparian-wetland plants exhibit high vigor
<input checked="" type="checkbox"/>			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
		<input checked="" type="checkbox"/>	14) Frost or abnormal hydrologic heaving is not present
		<input checked="" type="checkbox"/>	15) Favorable microsite condition (i.e., woody material, water temperature, etc.) is maintained by adjacent site characteristics
Yes	No	N/A	EROSION/DEPOSITION
<input checked="" type="checkbox"/>			16) Accumulation of chemicals affecting plant productivity/composition is not apparent
<input checked="" type="checkbox"/>			17) Saturation of soils (i.e., ponding, flooding frequency, and duration) is sufficient to compose and maintain hydric soils
<input checked="" type="checkbox"/>			18) Underlying geologic structure/soil material/permafrost is capable of restricting water percolation
<input checked="" type="checkbox"/>			19) Riparian-wetland is in balance with the water and sediment being supplied by the watershed (i.e., no excessive erosion or deposition)
<input checked="" type="checkbox"/>			20) Islands and shoreline characteristics (i.e., rocks, coarse and/or large woody material) are adequate to dissipate wind and wave event energies

