

Lentic Standard Checklist

Name of Riparian-Wetland Area: Elderberry Forebay
 Date: 5/23/17 Area/Segment ID: ER-LE-5A Acres: _____
 ID Team Observers: RB, LF, MN

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

Emergent wetland veg along shoreline in canal entering forebay from debris basin N. of forebay. Bullrush, sandbar willow along shoreline; few cottonwood interspersed. * May be considered its own unit - upland species similar to those described for unit ER-5, though wetland/riparian veg. dominant throughout this feature along the shoreline.

Remarks

Summary Determination

Functional Rating:

Proper Functioning Condition
 Functional—At Risk
 Nonfunctional
 Unknown

Trend for Functional—At Risk:

Upward
 Downward
 Not Apparent

Are factors contributing to unacceptable conditions outside the control of the manager?

Yes
 No

If yes, what are those factors?

Dewatering Mining activities Watershed condition
 Dredging activities Road encroachment Land ownership
 Other (specify) _____