

Lentic Standard Checklist

Name of Riparian-Wetland Area: EMERGENT wetland - Eckerberry Forebay
 Date: 5/1/17 Area/Segment ID: ER-1A Acres: 0.21
 ID Team Observers: ER-LE-1A

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

→ Lake allows water to move in and out

(Revised 1999)

Remarks

Emergent riparian veg adjacent to rocky (rip-rap) shoreline. Sediment accumulated at "bays" and inlets provides substrate for emergent veg.

Multiple horizontal lines for additional remarks.

Summary Determination

Functional Rating:

- Proper Functioning Condition
Functional—At Risk (checked)
Nonfunctional
Unknown

Trend for Functional—At Risk:

- Upward
Downward
Not Apparent (checked)

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

- Yes
No (checked)

If yes, what are those factors?

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