

Lentic Standard Checklist

Name of Riparian-Wetland Area: Elderberry Forebay
 Date: 5/23/17 Area/Segment ID: ER-EE-1C Acres: _____
 ID Team Observers: R. Brown, M. Gama, L. Fah

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

Forebay drained periodically to remove accumulated sediment.
 Seldom used road upland, but likely not a significant contributor degrading wetlands along Forebay shoreline.

Remarks

Summary Determination

Functional Rating:

- Proper Functioning Condition
- Functional—At Risk
- Nonfunctional
- Unknown

At risk because of management of sedimentation in Forebody requires periodic draining of water, which may last in duration for several weeks.

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) _____