

SL-2-LE-0

Lentic Standard Checklist

Name of Riparian-Wetland Area: ephem. Channel - SL
 Date: 4/4/17 Area/Segment ID: R2-0 Acres:
 ID Team Observers: Mk, Jm, Ae

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 <i>confined by slope</i>
			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)
✓			9) There is diverse composition of riparian-wetland vegetation (for maintenance/recovery) <i>OPL, DBL, FHC SP,</i>
			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) <i>woody debris</i>
✓			12) Riparian-wetland plants exhibit high vigor <i>bridge shading influencing understory</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: Road Cutting Through Channel up slope → sheet flow, No Culvert Present. Stream splits up slope. Bank articulation under bridge observed = slope stabilization. Channel is single thread.

Remarks

Channel steamed

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) _____