

Lentic Standard Checklist

Name of Riparian-Wetland Area: EpheMERAL Drainage-Silverwood
 Date: 4/4/2017 Area/Segment ID: PQ1-A Acres: _____
 ID Team Observers: ME, AE, MK

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
	✓		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)
	✓		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)
✓			12) Riparian-wetland plants exhibit high vigor
✓		✓	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

Remarks

Pyramma Riverine.
~~Streambed~~ FORESTED wetland
QUEL, PLANT, SATLIX, WNA, POP FKE, ~~QUICKSAND~~

Summary Determination

Functional Rating:

Proper Functioning Condition	_____
Functional—At Risk	<u>X</u>
Nonfunctional	_____
Unknown	_____

Trend for Functional—At Risk:

Upward	_____
Downward	_____
Not Apparent	<u>X</u>

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

Yes	_____
No	<u>X</u>

If yes, what are those factors?

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