

Lentic Standard Checklist

Name of Riparian-Wetland Area: Pyramid Lake / Upper Piro Creek
 Date: 5/17/17 Area/Segment ID: PLR-LE-1D Acres: _____
 ID Team Observers: PB, MG, LF

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

Area is at mouth of Upper Piro Creek — area not accessible by boat due to shallow water.
 Observations are based on conditions at mouth. Cottonwood/willow riparian habitat further
 upstream with more freshwater emergent veg (Typha) along lower shores of lake.
 Disturbance: Cottonwood 25% Mid: Typha 40% Understory: oak.
 Toward: 5% Sandbar willow 15% Mulefat 3%

Remarks

Summary Determination

Functional Rating:

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