

Lotic Checklist

Name of Riparian-Wetland Area:			
Date:		Segment/Reach ID:	
ID Team Observers:			

Potential:
Capability:

Yes	No	N/A	HYDROLOGICAL
			1) Floodplain above bankfull is inundated in "relatively frequent" events
			2) Where beaver dams are present are they active and stable
			3) Sinuosity, width/depth ratio, and gradient are in balance with the landscape setting (i.e., landform, geology, and bioclimatic region)
			4) Riparian-wetland area is widening or has achieved potential extent
			5) Upland watershed is not contributing to riparian-wetland degradation

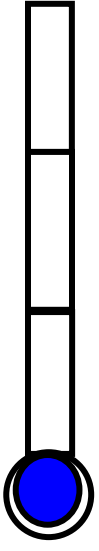
Yes	No	N/A	VEGETATION
			6) Diverse age-class distribution of riparian-wetland vegetation (recruitment for maintenance/recovery)
			7) Diverse composition of riparian-wetland vegetation (for maintenance/recovery) <i>(species present)</i>
			8) Species present indicate maintenance of riparian-wetland soil moisture characteristics
			9) Streambank vegetation is comprised of those plants or plant communities that have root masses capable of withstanding high streamflow events <i>(community types present)</i>
			10) Riparian-wetland plants exhibit high vigor
			11) Adequate riparian-wetland vegetative cover present to protect banks and dissipate energy during high flows <i>(enough)</i>

			12) Plant communities are an adequate source of coarse and/or large woody material (for maintenance/recovery)
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Yes	No	N/A	EROSION DEPOSITION
			13) Floodplain and channel characteristics (i.e., rocks, overflow channels, coarse and/or large woody material) adequate to dissipate energy
			14) Point bars are revegetating with riparian-wetland vegetation
			15) Lateral stream movement is associated with natural sinuosity
			16) System is vertically stable <i>(not downcutting)</i>
			17) Stream is in balance with the water and sediment being supplied by the watershed (i.e., no excessive erosion or deposition)

Remarks

SUMMARY DETERMINATION

<p>Functional Rating</p> <p><input type="checkbox"/> Proper Functioning Condition</p> <p><input type="checkbox"/> Functional - At Risk</p> <p><input type="checkbox"/> Nonfunctional</p> <p><input type="checkbox"/> Unknown</p> <p>Trend for Functional - At Risk:</p> <p><input type="checkbox"/> Upward</p> <p><input type="checkbox"/> Downward</p> <p><input type="checkbox"/> Not Apparent</p>		<p>Are factors contributing to unacceptable conditions outside the control of the manager?</p> <p>Yes <input type="checkbox"/></p> <p>No <input type="checkbox"/></p> <p>If yes, what are those factors?</p> <p><input type="checkbox"/> Flow regulations</p> <p><input type="checkbox"/> Mining activities</p> <p><input type="checkbox"/> Upstream channel conditions</p> <p><input type="checkbox"/> Channelization</p> <p><input type="checkbox"/> Road encroachment</p> <p><input type="checkbox"/> Oil field water discharge</p> <p><input type="checkbox"/> Augmented flows</p> <p><input type="checkbox"/> Other (specify)</p>
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