

# Lotic Checklist

Name of Riparian-Wetland Area:

Date: Segment/Reach ID:

Miles: Acres:

ID Team Observers:

Yes	No	N/A	<b>HYDROLOGIC</b>
			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	<b>VEGETATION</b>
			6) Diverse age-class distribution of riparian-wetland vegetation (recruitment for maintenance/recovery)
			7) Diverse composition of riparian-wetland vegetation (for maintenance/recovery)
			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
			10) Riparian-wetland plants exhibit high vigor
			11) Adequate riparian-wetland vegetative cover present to protect banks and dissipate energy during high flows
			12) Plant communities are an adequate source of coarse and/or large woody material (for maintenance/recovery)

Yes	No	N/A	<b>EROSION DEPOSITION</b>
			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
			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

Functional Rating:

Proper Functioning Condition

Functional - At Risk

Nonfunctional

Unknown

- Road encroachment
- Oil field water discharge
- Augmented flows
- Other (specify)

(Revised 1998)

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?

Flow regulations

Mining activities

Upstream channel conditions

Channelization