



# Lotic Checklist

## For Flowing Water

Name of Riparian Area: \_\_\_\_\_  
 Date: \_\_\_\_\_ Length (mi.): \_\_\_\_\_ Photos: \_\_\_\_\_  
 Topo. Name: \_\_\_\_\_ Watershed: \_\_\_\_\_  
 ID Team (names, disciplines): \_\_\_\_\_  
 Assessment completed by: Field Visit \_\_\_\_\_ Aerial Photos \_\_\_\_\_ Existing Data \_\_\_\_\_  
 Channel Type \_\_\_\_\_ Entrenchment Ratio \_\_\_\_\_ W/D Ratio \_\_\_\_\_  
 Sinuosity \_\_\_\_\_ Gradient \_\_\_\_\_ Materials \_\_\_\_\_  
 Additional Data Collected (type)? \_\_\_\_\_  
 UTM/Waypoints: \_\_\_\_\_

Yes	No	N/A	HYDROLOGIC
			1) Floodplain is inundated in “relatively frequent” events.
			2) Beaver dams are stable.
			<b>3) Sinuosity, gradient, and width/depth ratio are in balance with the landscape setting (i.e. landform, geology, and bioclimatic region).</b>
			4) Riparian area is expanding or has achieved potential extent.
			5) Riparian impairment from the upstream or upland watershed is absent.

Comments: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Yes	No	N/A	VEGETATION
			6) There is adequate diversity of stabilizing riparian vegetation for recovery/maintenance.
			7) There are adequate age class(es) of stabilizing riparian vegetation for recovery/maintenance.
			8) Species present indicate maintenance of riparian soil-moisture characteristics.
			9) Stabilizing plant communities capable of withstanding moderately high streamflow events are present along the streambank.
			10) Riparian plants exhibit high vigor.
			<b>11) Adequate amount of stabilizing riparian vegetation is present to protect banks and dissipate energy during moderately high flows.</b>
			12) Plant communities are an adequate source of woody material for maintenance/recovery.

Comments: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Yes	No	N/A	<b>EROSION/DEPOSITION</b>
			13) Floodplain and channel characteristics (e.g. rocks, woody material, vegetation, floodplain size, overflow channels) are adequate to dissipate energy.
			14) Point bars are revegetating with stabilizing riparian plants.
			15) Streambanks are laterally stable.
			<b>16) Stream system is vertically stable (not incising).</b>
			17) Stream is in balance with the water and sediment that is being supplied by the drainage basin (i.e. no excessive erosion or deposition).

Comments: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Overall Remarks: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Summary Determination**

**Functional Rating**

Proper Functioning Condition \_\_\_\_\_  
 Functional-At Risk \_\_\_\_\_  
 Nonfunctional \_\_\_\_\_

**Trend for Functional-At Risk**

Upward \_\_\_\_\_  
 Downward \_\_\_\_\_  
 Not Apparent \_\_\_\_\_

**Are factors contributing to unacceptable conditions outside land manager's control or management?**

Yes \_\_\_\_\_  
 No \_\_\_\_\_

**If yes, what are those factors?**

- \_\_\_\_\_ Flow regulation
- \_\_\_\_\_ Mining activities
- \_\_\_\_\_ Upstream channel conditions
- \_\_\_\_\_ Channelization
- \_\_\_\_\_ Road encroachment
- \_\_\_\_\_ Oil field water discharge
- \_\_\_\_\_ Augmented flows
- \_\_\_\_\_ Other (specify) \_\_\_\_\_

	<b>PFC</b>
	<b>FAR</b>
	<b>NF</b>