Lentic Riparian-Wetland Assessment Area Information Form

I. Background information: Date:_____

Riparian-wetland area name:_____Area ID:_____

Management unit (allotment/pasture, other):_____

Administrative unit/state:_____

ID team members:_____

_____

Areal extent of riparian-wetland assessment area:_____(acres/hectares – circle one)

Assessment method:

- ☐ Complete ground reconnaissance
- ☐ Ground inspection of selected representative areas
- ☐ Remote imagery with selective ground inspection of representative or other areas requiring closer inspection

II. Location of riparian-wetland assessment area:

Location: Attach aerial image, USGS 7.5-minute topographic map, or GIS map with the riparian-wetland assessment area delineated. Use GIS in the office or GPS in the field to obtain a representative location to affix a point to the riparian-wetland assessment area.

GIS/GPS point location of riparian-wetland assessment area

Latitude:_____	N	Longitude:_____	W
	or		
UTM E_____	m	UTM N_____	m

Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84 ☐ Other (specify):_____

UTM Zone (required for UTM coordinates):_____

III. Description of potential and rationale: Should include description of hydrologic regime, geomorphic setting, important soil properties, and riparian-wetland plant communities at potential (if altered potential is present, use the "Altered Potential Attachment" below):

_____

_____

_____

IV. Other assessment or monitoring data or information about the riparian-wetland assessment area:

Lentic Riparian-Wetland Assessment Area Information Form – Altered Potential Attachment

See appendix D for instructions and examples for addressing these questions.

1. **Have the alterations created artificial conditions for a substantial part of the site (and riparian-wetland functions are not present or expected)?**

2. **Are alterations present, but the potential of the site remains unchanged?**

3. **Has a new lentic riparian-wetland area been created in a former upland area?**

4. **Are alterations present that have changed the potential of an existing lentic site (but have not created artificial site conditions described in question #1 for a substantial part of the site)?**

PFC Assessment Form (Lentic)

Riparian-wetland area name:_____Date:_____

Assessment ID team members:_____

_____

_____Riparian-wetland area ID:_____

Yes	No	NA	HYDROLOGY
			1. Riparian-wetland area is saturated at or near the surface or inundated in "relatively frequent" events.
Rationale:			
			2. Fluctuation of water levels is within a range that maintains hydrologic functions and riparian-wetland vegetation.
Rationale:			
			3. Riparian-wetland area is enlarging or has achieved potential extent.
Rationale:			
			4. Riparian-wetland impairment from the contributing area is absent.
Rationale:			
			5. Water quality is sufficient to support riparian-wetland plants.
Rationale:			

			6. Disturbances or features that negatively affect surface- and subsurface- flow patterns are absent. These disturbances/features include but are not limited to hoof action, dams, dikes, levees, spring boxes, diversions, trails, roads, rills, gullies, drilling activities.
Rationale:			
			7. Impoundment structure accommodates safe passage of flows (e.g., no headcut affecting dam or spillway).
Rationale:			

Yes	No	NA	VEGETATION
			8. There is adequate diversity of stabilizing riparian-wetland vegetation for recovery/ maintenance.
Rationale:			
			9. There are adequate age classes of stabilizing riparian-wetland vegetation for recovery/maintenance.
Rationale:			
			10. Species present indicate maintenance of riparian-wetland soil-moisture characteristics.
Rationale:			

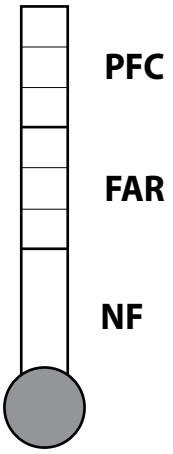
			11. Stabilizing plant communities are present that are capable of withstanding overland flows (e.g., storm events, snowmelt), and wind and wave actions, and can resist physical alteration.
Rationale:			
			12. Riparian-wetland plants exhibit high vigor.
Rationale:			
			13. An adequate amount of stabilizing riparian-wetland vegetation is present to protect soil surfaces and shorelines, to dissipate energy from overland flows and wind and wave actions, and to resist physical alteration.
Rationale:			
			14. Abnormal frost or hydrologic heaving is absent.
Rationale:			
			15. Favorable microsite condition (e.g., woody material, water temperature) is maintained by adjacent site characteristics.
Rationale:			

Yes	No	NA	SOILS/GEOMORPHOLOGY
			16. Accumulation of chemicals affecting plant productivity/composition is absent.
Rationale:			
			17. Saturation of soils (i.e., ponding, flooding frequency, and duration) is sufficient to compose and maintain hydric soils.
Rationale:			
			18. Underlying geologic material/soil material/permafrost is capable of restricting water percolation.
Rationale:			
			19. Riparian-wetland area is in balance with the water and sediment being supplied by the watershed (i.e., no excessive erosion or deposition).
Rationale:			
			20. Islands and shoreline characteristics (i.e., rocks, coarse and/or large woody material) are adequate to dissipate wind- and wave-event energies.
Rationale:			

Summary Determination

Functional rating (check one)

- ☐ Proper functioning condition
- ☐ Functional–at risk
- ☐ Nonfunctional



Trend for FAR rating (check one)

Monitored trend	Apparent trend
☐ Upward	☐ Upward
☐ Downward	☐ Downward
☐ Static	☐ Not apparent

Rationale for rating: _____

Rationale for trend (for FAR rating): _____

Are there factors present preventing the achievement of PFC or affecting progress towards desired condition that are outside the control of the manager?

☐ Yes ☐ No

If yes, what are those factors? Check all that apply.

☐ Flow regulation ☐ Land ownership ☐ Road encroachment

☐ Mining activity ☐ Dewatering ☐ Oil field water discharge

☐ Watershed condition ☐ Dredging activity ☐ Augmented flows

☐ Other (specify): _____

Explain factors preventing achievement of PFC: _____

Lentic PFC Riparian-Wetland Plant List Form

Assessment area name:_____ **ID:**_____

Region (USACE or other):_____ **Date:**_____

√	Plant Symbol	Common Name	Scientific Name	AB	G/T	WIC	SC	IN
Trees/Shrubs								
Graminoids/Grasses								
Forbs								

Notes: