

LENTIC PROPER FUNCTIONING CONDITION (PFC)
STANDARD CHECKLIST

Record ID No: \_\_\_\_\_

ADMINISTRATIVE DATA

Unique Location ID: \_\_\_\_\_

- A1. Field data collected by:
A2. Funding Agency/Organization:
A3a. BLM State Office:
A3b. BLM Field Office/Field Station:
A3c. BLM Office Code:
A3d. Is the polygon in an active BLM grazing allotment?
A3e. Allotment Number:
A3f. Allotment Number:
A4. USFWS Refuge:
A5. Reservation:
A6. NPS Park/NHS:
A7. USFS National Forest:
A8. Other Location:
A9. Year:
A10. Date field data collected:
A11. Observers:
A12a. At least some part of this polygon has been inventoried more than once (resampled)?
A12b. This polygon coincides exactly with another inventoried polygon?
A12c. Is this the latest inventory for this polygon?
A12d. ID No.(s) of other inventories of this polygon:
A12e. Other years:
A12f. This polygon shares common area with other inventoried polygon(s)?
A12g. Other years:
A12h. ID No.(s) of other records sharing area with this polygon:
A13a. Has a change in management occurred?
A13b. Year that changed occurred:
A13c. Type of management change applied:

LOCATION DATA

- B1. State/Province:
B2. County/Municipal District:
B3. Allotment/Range Unit:
B4a. Area name:
B4b. Tributary to:
B4c. Group name:
B4d. Group number:
B5. Polygon number:
B6. Location: 1/4 1/4 Sec:
Township (NS):
Range (EW):
B7. Elev. (ft): ; (m):
B8a. Hydrologic unit code (HUC):
B8b. Sub-basin name (4th level HUC):
B8c. Sub-basin (sq mi): ; (sq m):
B8d. Sub-basin (ac): ; (hect):
B8e. Sub-basin perimeter (mi): ; (m):
B9a. Polygon latitude/longitude coordinates:
GPS Projection:
Observe Initial
Accuracy
Upper: Lat:
Lower: Lat:
Other: Lat:
Lon:
B9b. Other Point
Comments:
B10. Quad map(s):

**SELECTED SUMMARY DATA**

Unique Location ID: \_\_\_\_\_ Record ID No: \_\_\_\_\_

**C1.** Wetland type: \_\_\_\_\_ **C2.** Polygon size (acres): \_\_\_\_\_; (hect): \_\_\_\_\_

**C3a.** Is the entire polygon an upland? (Yes; No): \_\_\_\_\_ If **No**, **C3b.** Does the polygon consist entirely of functional wetland types? (Yes; No): \_\_\_\_\_ **C3c.** Functional wetland (acres): \_\_\_\_\_; (hect): \_\_\_\_\_ **C3d.** Percent of total polygon: \_\_\_\_\_

**C4.** Does the polygon contain a defined shoreline? (Yes; No; NC): \_\_\_\_\_

**C5.** Polygon length (mi): \_\_\_\_\_; (km): \_\_\_\_\_ **C6.** Number of miles the polygon represents (mi): \_\_\_\_\_; (km): \_\_\_\_\_

**C7a.** Average riparian zone width (ft): \_\_\_\_\_; (m): \_\_\_\_\_

**C7b.** Riparian zone width range (ft): \_\_\_\_\_ to \_\_\_\_\_; (m): \_\_\_\_\_ to \_\_\_\_\_

**LENTIC PROPER FUNCTIONING CONDITION (PFC) STANDARD CHECKLIST**

Data Source: \_\_\_\_\_

**Hydrologic**

- \_\_\_\_\_ 1. Riparian-wetland area is saturated at or near the surface or inundated in "relatively frequent" events (1-3 years)
- \_\_\_\_\_ 2. Fluctuation of water levels is not excessive
- \_\_\_\_\_ 3. Riparian-wetland zone is enlarging or has achieved potential extent
- \_\_\_\_\_ 4. Upland watershed not contributing to riparian-wetland degradation
- \_\_\_\_\_ 5. Water quality is sufficient to support riparian-wetland plants
- \_\_\_\_\_ 6. Natural surface or subsurface flow patterns are not altered by disturbance (i.e., hoof action, dams, dikes, trails, roads, rills, gullies, drilling activities)
- \_\_\_\_\_ 7. Structure accommodates safe passage of flows (e.g., no headcut affecting dam or spillway)

**Vegetative**

- \_\_\_\_\_ 8. Diverse age-class distribution (recruitment for maintenance/recovery)
- \_\_\_\_\_ 9. Diverse composition of vegetation (for maintenance/recovery)
- \_\_\_\_\_ 10. Species present indicate maintenance of riparian soil moisture characteristics
- \_\_\_\_\_ 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)
- \_\_\_\_\_ 12. Riparian plants exhibit high vigor
- \_\_\_\_\_ 13. Adequate vegetative cover present to protect shorelines/soil surface and dissipate energy during high wind and wave events or overland flows
- \_\_\_\_\_ 14. Frost or abnormal hydrologic heaving is not present
- \_\_\_\_\_ 15. Favorable microsite conditions (i.e., woody debris, water temperature, etc.) is maintained by adjacent site characteristics

**Erosion/Deposition**

- \_\_\_\_\_ 16. Accumulation of chemicals affecting plant productivity/composition is not apparent
- \_\_\_\_\_ 17. Saturation of soils (i.e., ponding, flooding frequency and duration) is sufficient to compose and maintain hydric soils
- \_\_\_\_\_ 18. Underlying geologic structure/soil material/permafrost is capable of restricting water percolation
- \_\_\_\_\_ 19. Riparian-wetland is in balance with the water and sediment being supplied by the watershed (i.e., no excessive erosion or deposition)
- \_\_\_\_\_ 20. Islands and shoreline characteristics (i.e., rocks, coarse and/or large woody debris) adequate to dissipate wind and wave event energies

Remarks:

\_\_\_\_\_

**SUMMARY DETERMINATION**

Functional Rating: \_\_\_\_\_

Trend for Functional—At Risk: \_\_\_\_\_ **trendfar**

Are factors contributing to unacceptable conditions outside the agency's control or management? (Yes; No): \_\_\_\_\_

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

- \_\_\_\_\_ Dewatering                      \_\_\_\_\_ Mining activities                      \_\_\_\_\_ Watershed condition
- \_\_\_\_\_ Dredging activities                      \_\_\_\_\_ Road encroachment                      \_\_\_\_\_ Land Ownership
- \_\_\_\_\_ Other (specify) \_\_\_\_\_