

LOTIC PROPER FUNCTIONING CONDITION  
(PFC) CHECKLIST

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

**ADMINISTRATIVE DATA**

- 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? (Yes; No; NA): \_\_\_\_\_
- If **Yes, A3e:** Allotment Number: \_\_\_\_\_ **A3f:** Allotment Number: \_\_\_\_\_  
Allotment ID: \_\_\_\_\_ Allotment ID: \_\_\_\_\_  
Allotment Name: \_\_\_\_\_ Allotment Name: \_\_\_\_\_  
Management Status: \_\_\_\_\_ Management Status: \_\_\_\_\_
- 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)? (Yes; No): \_\_\_\_\_  
If **No**, go to item **A13a**. If **Yes, A12b.** This polygon coincides exactly with another inventoried polygon? (Yes; No): \_\_\_\_\_
- A12c.** Is this the latest inventory for this polygon? (Yes; No): \_\_\_\_\_
- A12d.** ID No.(s) of other inventories of this polygon: \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_
- A12e.** Other years: \_\_\_\_\_
- A12f.** This polygon shares common area with other inventoried polygon(s)? (Yes; No): \_\_\_\_\_ **A12g.** Other years: \_\_\_\_\_
- A12h.** ID No.(s) of other records sharing area with this polygon: \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_
- A13a.** Has a change in management occurred? (Yes; No): \_\_\_\_\_ If **Yes, 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: \_\_\_\_\_ 1/4 Sec: \_\_\_\_\_ 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:
- |                   | Deg   | Min   | Sec   | N/S   | Deg  | Min   | Sec   | E/W   |
|-------------------|-------|-------|-------|-------|------|-------|-------|-------|
| Upper End: Lat:   | _____ | _____ | _____ | _____ | Lon: | _____ | _____ | _____ |
| Lower End: Lat:   | _____ | _____ | _____ | _____ | Lon: | _____ | _____ | _____ |
| Other Point: Lat: | _____ | _____ | _____ | _____ | Lon: | _____ | _____ | _____ |
- B9b.** Other Point \_\_\_\_\_  
Comments: \_\_\_\_\_
- B10.** Quad map(s): \_\_\_\_\_

**SELECTED SUMMARY DATA**

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

- C1.** Wetland type: \_\_\_\_\_ **C2.** Polygon size (ac): \_\_\_\_\_ ; (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 (ac): \_\_\_\_\_ ; (hect): \_\_\_\_\_ **C3d.** Percent of total polygon: \_\_\_\_\_
- C4.** Does the polygon contain a defined streambank or channel? (Yes; No; NC): \_\_\_\_\_
- C5.** Channel length (mi): \_\_\_\_\_ ; (km): \_\_\_\_\_ **C6.** Number of river miles the polygon represents: \_\_\_\_\_ ; (km): \_\_\_\_\_
- C7a.** Average riparian zone width (ft): \_\_\_\_\_ ; (m): \_\_\_\_\_
- C7b.** Riparian zone width range (ft): \_\_\_\_\_ to \_\_\_\_\_ ; (m): \_\_\_\_\_ to \_\_\_\_\_

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

**Hydrologic**

- \_\_\_\_\_ 1. Floodplain is inundated in "relatively frequent" events (1-3 years).
- \_\_\_\_\_ 2. Active/stable beaver dams are present.
- \_\_\_\_\_ 3. Sinuosity, width/depth ratio, and gradient are in balance with the landscape setting (i.e., landform, geology, and bioclimatic region).
- \_\_\_\_\_ 4. Riparian zone is widening or has achieved potential extent.
- \_\_\_\_\_ 5. Upland watershed not contributing to riparian degradation.

**Vegetative**

- \_\_\_\_\_ 6. Diverse age-class distribution (recruitment for maintenance/recovery).
- \_\_\_\_\_ 7. Diverse composition of vegetation (for maintenance/recovery).
- \_\_\_\_\_ 8. Species present indicate maintenance of riparian 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 plants exhibit high vigor.
- \_\_\_\_\_ 11. Adequate vegetative cover present to protect banks and dissipate energy during high flows.
- \_\_\_\_\_ 12. Plant communities in the riparian area are an adequate source of coarse and/or large woody debris.

**Erosion/Deposition**

- \_\_\_\_\_ 13. Floodplain and channel characteristics (i.e., rocks, overflow channels, coarse and/or large woody debris) adequate to dissipate energy.
- \_\_\_\_\_ 14. Point bars are revegetating.
- \_\_\_\_\_ 15. Lateral stream movement is associated with natural sinuosity.
- \_\_\_\_\_ 16. System is vertically stable.
- \_\_\_\_\_ 17. Stream is in balance with water and sediment being supplied by the watershed (i.e., no excessive erosion or deposition).

**Remarks:**

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\_\_\_\_\_

**SUMMARY DETERMINATION**

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

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

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

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

- |                        |                              |                                   |
|------------------------|------------------------------|-----------------------------------|
| _____ Flow Regulations | _____ Mining activities      | _____ Upstream channel conditions |
| _____ Channelization   | _____ Road encroachment      | _____ Oil field water discharge   |
| _____ Augmented flows  | _____ Other (specify): _____ |                                   |