

LOTIC PROPER FUNCTIONING CONDITION (PFC) CHECKLIST

Record ID No: _____

Unique Location ID: _____

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?
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:
Observer Initial
Accuracy
Upper: Lat: Deg Min Sec N/S Decimal Deg Min Sec E/W Decimal +/- ft +/- m & WPT
Lower: Lat:
Other: Lat:
B9b. Other Point
Comments:
B10. Quad map(s):

SELECTED SUMMARY DATA

Record ID No: _____ Unique Location ID: _____

- 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: (mi) _____ ; (km): _____
- C7a.** Average riparian zone width (ft): _____ ; (m): _____
- C7b.** Riparian zone width range (ft): _____ to _____ ; (m): _____ to _____

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

_____	1. Floodplain above bankfull is inundated in "relatively frequent" events

_____	2. Where beaver dams are present they are 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 not contributing to riparian-wetland degradation

VEGETATION

_____	6. There is diverse age-class distribution of riparian-wetland vegetation (recruitment for maintenance/recovery)

_____	7. There is 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

VEGETATION

_____ 11. Adequate riparian-wetland vegetative cover is 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 material
 (for maintenance/recovery)

EROSION/DEPOSITION

_____ 13. Floodplain and channel characteristics (i.e., rocks, overflow channels, coarse and/or large woody material) are 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 water and sediment being supplied by the watershed (i.e., no excessive erosion or
 deposition)

Remarks:

SUMMARY DETERMINATION

Functional Rating: _____

Trend for Functional—At Risk: _____

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 | _____ Road encroachment | _____ Oil field water discharge |
| _____ Augmented flows | _____ Other (specify): _____ | |