

U.S. LOTIC WETLAND HEALTH ASSESSMENT FOR STREAMS AND SMALL RIVERS (Survey)

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 _____

C8. Habitat Types And Community Types

| Classification Type Name | Phase | Pct of Poly | Successional Stage or Comments |
|--------------------------|-------|-------------|--------------------------------|
|--------------------------|-------|-------------|--------------------------------|

WATER QUALITY DATA

- D1.** Waterbody number: _____ **D5.** Probable cause(s):

- D2.** Is the waterbody a 303(d) listed impaired stream? (Yes; No) _____ Year of listing: _____
- D3.** Waterbody TMDL priority: _____
- D4.** TMDL development status: _____
- D6.** Probable impaired uses:

- D7.** Probable source(s):

PHOTOGRAPH DATA

E1a. Identification of photos (taken at the *Upstream* end of polygon): Roll #: _____ Photographer: _____

Photo nos.: (Upstream): _____ (DwnStream): _____ (others): _____

E1b. Location of "other" photos: _____

E1c. Description of views
Upstream: _____

(Downstream): _____

(others): _____

E2a. Identification of photos (taken at *Downstream* end of polygon): Roll #: _____ Photographer: _____

Photo nos.: (Upstream): _____ (DwnStream): _____ (others): _____

E2b. Location of "other" photos: _____

E2c. Description of views
Upstream: _____

(Downstream): _____

(others): _____

LOTIC WETLAND HEALTH ASSESSMENT SCORE SHEET

Data Record ID: _____

| | Actual Score | Possible Score | Comment |
|--|--------------|----------------|---------|
| 1. Vegetative Cover of Floodplain and Streambanks | _____ | _____ | _____ |
| 2a. Total Canopy Cover of Invasive Plant Species (Weeds) | _____ | _____ | _____ |
| 2b. Density Distribution Pattern of Invasive Plant Species (Weeds) | _____ | _____ | _____ |

| List Invasive Plant Species present, including Percent Canopy Cover and Density Distribution Class: | Species | Can.Cov. | Dens.Dist. |
|---|----------|----------|------------|
| | 1. _____ | _____ | _____ |
| | 2. _____ | _____ | _____ |
| | 3. _____ | _____ | _____ |
| | 4. _____ | _____ | _____ |
| | 5. _____ | _____ | _____ |

| | | | |
|---|-------|-------|-------|
| 3. Disturbance-increaser Undesirable Herbaceous Species | _____ | _____ | _____ |
| 4. Preferred Tree and Shrub Species Establishment and/or Regeneration | _____ | _____ | _____ |
| 5a. Browse Util. of Preferred Trees and Shrubs | _____ | _____ | _____ |
| 5b. Woody Veg. Removal other than Browsing | _____ | _____ | _____ |
| 6. Standing Decadent and Dead Woody Material | _____ | _____ | _____ |

Vegetation Subtotal: _____

| | | | |
|--|-------|-------|-------|
| 7. Streambank Root Mass Protection | _____ | _____ | _____ |
| 8. Human-Caused Bare Ground | _____ | _____ | _____ |
| 9. Streambank Structurally Altered by Human Activity | _____ | _____ | _____ |
| 10. Human Physical Alteration to the Rest of the Polygon | _____ | _____ | _____ |
| 11. Stream Channel Incisement (Vertical Stability) | _____ | _____ | _____ |

Soil/Hydrology Subtotal: _____

Overall Polygon Total: _____

RATING CALCULATION

| (Actual Score/Possible Score) X 100 = Rating Percent | Descriptive Category |
|--|----------------------|
| Vegetation Rating: _____ / _____ x 100 = _____ | _____ |
| Soil / Hydrology: _____ / _____ x 100 = _____ | _____ |
| Total Rating: _____ / _____ x 100 = _____ | _____ |

| Rating Percent Range | Descriptive Category |
|----------------------|---|
| 80-100 | Proper Functioning Condition (Healthy) |
| 60-79 | Functional At Risk (Healthy, but with Problems) |
| <60 | Nonfunctional (Unhealthy) |

12. Polygon trend (Is the polygon: Improving, Degrading, Static, or Status Unknown?): _____

