

U.S. LOTIC WETLAND HEALTH ASSESSMENT FOR LARGE RIVER SYSTEMS (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): _____

RIVER HEALTH EVALUATION

Record ID No: _____

	Actual Score	Possible Score	Comment
1. Cottonwood and Poplar Regeneration	_____	_____	_____
2. Regeneration of other Native Tree Species	_____	_____	_____
3. Regeneration of Preferred Shrub Species	_____	_____	_____
4. Standing Decadent and Dead Woody Material	_____	_____	_____
5a. Browse Util. of Preferred Trees and Shrubs	_____	_____	_____
5b. Woody Veg. Removal other than Browsing	_____	_____	_____
6. Total Canopy Cover of Woody Species	_____	_____	_____
7a. Total Canopy Cover of Invasive Plant Species	_____	_____	_____
7b. Density/Distribution Pattern of Invasive Plant Species	_____	_____	_____

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

8. Disturbance-increaser Undesirable Herbaceous Species _____
Vegetation Subtotal: _____

9. Riverbank Root Mass Protection	_____	_____	_____
10. Human-Caused Bare Ground	_____	_____	_____
11. Removal or Additional Water to the River System	_____	_____	_____
12. Control of Flood Peak and Timing by Upstream Dam(s)	_____	_____	_____
13. Human Alterations to the Riverbanks	_____	_____	_____
14. Human Physical Alteration to the Rest of the Polygon	_____	_____	_____
15. Floodplain Accessibility within the Polygon	_____	_____	_____
Soil / Hydrology Subtotal:	_____	_____	_____
Overall Polygon Total:	_____	_____	_____

RATING CALCULATION

(Actual Score/Possible Score) X 100 = Rating Percent

Descriptive Category

Vegetation Rating: _____ / _____	x100 = _____	_____
Soil / Hydrology: _____ / _____	x100 = _____	_____
Total: _____ / _____	x100 = _____	_____

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

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

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): _____

ADDITIONAL MANAGEMENT CONCERNS

The following items do not contribute to a site's score. Rather they help to quantify inherent physical site characteristics or assess the direction of change on a site. These data can be useful for planning future site management.

17. Susceptibility of parent material to erosion: _____

18. Percent of streambank accessible to livestock: _____

19. Break down the polygon area into the land uses listed (must total to approx. 100%):
- No land use apparent: _____
 - Turf grass (lawn): _____
 - Tame pasture (grazing): _____
 - Native pasture (grazing): _____
 - Recreation (ATV paths, campsites, etc.): _____
 - Development (buildings, corrals, paved lots, etc.): _____
 - Tilled cropping: _____
 - Perennial forage (e.g., alfalfa hayland): _____
 - Roads: _____
 - Logging: _____
 - Mining: _____
 - Railroads: _____
 - Other: _____
- Description of Other Usage Noted: _____
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20. Break down the area adjacent to the polygon into the land uses listed (must total to approx. 100%):
- No land use apparent: _____
 - Turf grass (lawn): _____
 - Tame pasture (grazing): _____
 - Native pasture (grazing): _____
 - Recreation (ATV paths, campsites, etc.): _____
 - Development (buildings, corrals, paved lots, etc.): _____
 - Tilled cropping: _____
 - Perennial forage (e.g., alfalfa hayland): _____
 - Roads: _____
 - Logging: _____
 - Mining: _____
 - Railroads: _____
 - Other: _____
- Description of Other Usage Noted: _____
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