

U. S. LOTIC WETLAND HEALTH ASSESSMENT
(Derived from U.S. Lotic Wetland Inventory Data)

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

SELECTED SUMMARY DATA

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 _____

C8. Habitat Types and Community Types

Classification Type Name	Phase	Pct of Poly	Successional Stage or Comments
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LOTIC WETLAND HEALTH ASSESSMENT SCORE SHEET

Record ID No: _____

(Derived from THE U.S. Lotic Wetland Inventory Data)

Unique Location ID: _____

	<u>Actual Score</u>	<u>Possible Score</u>
1. Vegetative Cover of Floodplain and Streambanks (D12)	_____	_____
2a. Total Canopy Cover of Invasive Plant Species (Weeds) (D13c)	_____	_____
2b. Density Distribution Pattern of Invasive Plant Species (Weeds) (D13c)	_____	_____

List Invasive Plant Species present, including Percent Canopy Cover and Density Distribution Class:														
	Can.	Cov.	Dens.	Dist.		Can.	Cov.	Dens.	Dist.					
bluebuttons:	_____	_____	_____	_____	Japanese brome:	_____	_____	_____	_____	St. John's wort:	_____	_____	_____	_____
Canada thistle:	_____	_____	_____	_____	leafy spurge:	_____	_____	_____	_____	sulphur cinquefoil:	_____	_____	_____	_____
cheatgrass:	_____	_____	_____	_____	musk thistle:	_____	_____	_____	_____	tall buttercup:	_____	_____	_____	_____
common burdock:	_____	_____	_____	_____	orange hawkweed:	_____	_____	_____	_____	teasel:	_____	_____	_____	_____
common cuprina:	_____	_____	_____	_____	oxeye daisy:	_____	_____	_____	_____	whitetop:	_____	_____	_____	_____
common hound's-tongue:	_____	_____	_____	_____	perennial pepperweed:	_____	_____	_____	_____	yellow iris:	_____	_____	_____	_____
common tansy:	_____	_____	_____	_____	purple loosestrife:	_____	_____	_____	_____	yellow starthistle:	_____	_____	_____	_____
dalmatian toadflax:	_____	_____	_____	_____	Russian knapweed:	_____	_____	_____	_____	yellow toadflax:	_____	_____	_____	_____
diffuse knapweed:	_____	_____	_____	_____	Russian olive:	_____	_____	_____	_____	Others:	_____	_____	_____	_____
Dyer's woad:	_____	_____	_____	_____	saltcedar (tamarisk):	_____	_____	_____	_____	Others:	_____	_____	_____	_____
field bindweed:	_____	_____	_____	_____	Scotch thistle:	_____	_____	_____	_____					
field sow thistle:	_____	_____	_____	_____	spotted knapweed:	_____	_____	_____	_____					

3. Disturbance-Increaser Undesirable Herbaceous Species (D14b)	_____	_____
4. Preferred Tree and Shrub Species Establishment and/or Regeneration (D3 and D6c)	_____	_____
5a. Browse Util. of Preferred Trees and Shrubs (D5a and D6c)	_____	_____
5b. Live Woody Veg. Removal other than Browsing (D6g)	_____	_____
6. Standing Decadent and Dead Woody Material (D2b and D6c)	_____	_____
Vegetation Subtotal:		_____
7. Streambank Root Mass Protection (F7)	_____	_____
8. Human-Caused Bare Ground (F17c)	_____	_____
9. Streambank Structurally Altered by Human Activity (F6b)	_____	_____
10. Human Physical Alteration to the Rest of the Polygon (F24b)	_____	_____
11. Stream Channel Incisement (Vertical Stability) (F16)	_____	_____
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 = _____ %	_____
OVERALL: _____ / _____ x 100 = _____ %	_____

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

Streambank Susceptibility Rating— using the streambank rock volume and streambank rock size criteria, indicate the appropriate choice (well armored; susceptible to degradation; highly susceptible to degradation):

Polygon trend: (Improving; Degrading; Static; Status Unknown): _____

