

U. S. LENTIC WETLAND HEALTH ASSESSMENT  
(Derived from U.S. Lentic Wetland Inventory Data)

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

**ADMINISTRATIVE DATA**

Unique Location ID: \_\_\_\_\_

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

**SELECTED SUMMARY DATA**

**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 shoreline? (Yes; No; NC): \_\_\_\_\_

**C5.** Polygon length (mi): \_\_\_\_\_ ; (km): \_\_\_\_\_ **C6.** Number of 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
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**LENTIC WETLAND HEALTH ASSESSMENT SCORE SHEET**  
(Derived from Lentic Wetland Inventory Form)

	<u>Actual Score</u>	<u>Possible Score</u>
1. Vegetative Cover of the Polygon (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:	_____	_____	_____	_____	whiteweed:	_____	_____	_____	_____
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. Human Alteration of Polygon Vegetation (F9a)	_____	_____
<b>Vegetation Subtotal:</b>		_____
7a. Percent of Polygon Physical Site Altered By Human Cause (F10a)	_____	_____
7b. Severity of Human Caused Alteration of Polygon Physical Site (F10d)	_____	_____
8. Human-Caused Bare Ground (F11c)	_____	_____
9. Degree of Artificial Withdrawal or Raising of Water Level (F5a)	_____	_____
<b>Soil / Hydrology Subtotal:</b>		_____
<b>Overall Polygon Total:</b>		_____

**Rating Calculation:**

	(Actual Score/Possible Score) X 100 = Rating Percent (%)	Descriptive Category
Vegetation Rating: _____ / _____ x 100 = _____		_____
Soil / Hydrology: _____ / _____ x 100 = _____		_____
<b>OVERALL:</b> _____ / _____ 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)

**ADDITIONAL MANAGEMENT CONCERNS**

	<u>Actual Score</u>	<u>Possible Score</u>
10. Overflow structure stability (F6c):	_____	_____
11. Polygon trend (Is the polygon: Improving, Degrading, Static, or Status Unknown?) (D16):	_____	_____

