

U.S. LENTIC WETLAND HEALTH ASSESSMENT (Survey)

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?
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:
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:
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 area (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 polygon wetland width (ft): _____; (m): _____
C7b. Polygon wetland 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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WATER QUALITY DATA

D1. Waterbody number: _____
D2a. Is the waterbody a 303(d) listed impaired stream? (Yes; No) _____
 If **Yes**, **D2b.** Year of listing? _____
D3. Waterbody TMDL priority: _____
D4. TMDL development status: _____
D6. Probable impaired uses:

D5. Probable cause(s):

D7. Probable source(s):

PHOTOGRAPH DATA

Unique Location ID: _____

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

Photo nos.: (north/west): _____ (south/east): _____ (others): _____

E1b. Location of all photos: _____

E1c. Descript. of views north/west: _____

(south/east: _____

(others): _____

E2a. Is there an adjacent polygon **north/west**? (Yes; No) _____

E2b. Is there an adjacent polygon **south/east**? (Yes; No): _____

E3a. Identification of photos (taken at **south or east** end of polygon): Roll #: _____ Photographer: _____

Photo nos.: (north/west): _____ (east/south): _____ (others): _____

E3b. Location of all photos: _____

E3c. Descript. of views north/west: _____

(south/east: _____

(others): _____

LENTIC WETLAND HEALTH ASSESSMENT SCORE SHEET

Record ID No: _____

Unique Location ID: _____

	Actual Score	Possible Score	Comment
1. Vegetative Cover of the Polygon	_____	_____	_____
2a. Total Canopy Cover of Invasive Plant Species (Weeds)	_____	_____	_____
2b. Density Distribution Pattern of Invasive Plant Species (Weeds)	_____	_____	_____

Are invasive species present? (Yes; No; NC): _____

List Invasive Plant Species present, including Percent Canopy Cover and Density Distribution Class:

	Can.Cov.	Dens.	Dist.		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	_____	_____	_____
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. Human Alteration of Polygon Vegetation	_____	_____	_____
Vegetation Subtotal:	_____	_____	_____
7a. Percent of Polygon Physical Site Altered By Human Cause	_____	_____	_____
7b. Severity of Human Caused Alteration of Polygon Physical Site	_____	_____	_____
8. Human-Caused Bare Ground	_____	_____	_____
9. Degree of Artificial Withdrawal or Raising of Water Level	_____	_____	_____
Soil / Hydrology Subtotal:	_____	_____	_____
Overall Polygon Total:	_____	_____	_____

RATING CALCULATION

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

Descriptive Category

Vegetation Rating: _____ / _____ x 100 = _____

Soil / Hydrology Rating: _____ / _____ x 100 = _____

OVERALL: _____ / _____ 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)

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

11. Comments and Observations:

Multiple horizontal lines for writing comments and observations.

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.

12. Overflow structure stability: _____

13a. Shoreline rock volume: _____

13b. Shoreline rock size: _____

14. Vegetation use by animals: _____

15. Susceptibility of parent material to erosion: _____

16. Percent of shoreline accessible to livestock: _____

17. Standing decadent and dead woody material: _____

18. 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: _____

Description of Other Usage Noted: Other: _____

Horizontal lines for additional notes under section 18.

19. 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: _____

Description of Other Usage Noted: Other: _____

Horizontal lines for additional notes under section 19.