

ALBERTA LENTIC WETLAND HEALTH ASSESSMENT (Survey)

Polygon Number: Record ID No:

ADMINISTRATIVE DATA

A1. Field Data Collected by (Organization):
A2. Funding Agency/Organization:
A3. Date Field Data Collected: A4. Year: A5. Observers:
A6a. Indian or Metis Reserve? (Yes; No): A6b. Reserve Name:
A7a. Park(s)? (Yes; No): A7b. Please Check all that apply: National Urban or Rural Provincial Other
A7c. Name?
A8a. Other Protected Areas? (Yes; No): A8b. Please check all that apply: Ecological Municipal Environmental Other
A8c. Name(s)/Other:
A9. Watershed Group Affiliation: A10. Project Name:
A11. Is This Private Land? (Yes; No): A11b. Owner's Name:
A12a. Is This Rented Private Land? (Yes; No): A12b. Renter's Name:
A12c. Renter's Home Legal Land Description: A12d. County, if different than polygon:
A13a. Is this Public Land? (Yes; No): A13b. Type (Federal,Prov., Municipal):
A13c. Land Manager's Name: A13d. Land Manager's Title, Office/Dept:
A14a. Is this part of a grazing lease or grazing reserve? (Yes; No): A14b. Lessee Name:
A14c. Agricultural disposition No.: GRL: GRP: FGL: Other:
A14d. Agricultural disposition Name (e.g., Community Pasture):
A15a. Has this polygon been inventoried before? (Yes; No): A15b. Other years sampled:
A15c. Does this polygon coincide exactly with a previously inventoried polygon? (Yes; No):
A15d. ID No.(s) of other inventories of this exact polygon:
A16a. Does this polygon share common area with other inventoried polygon(s), but is not exact? (Yes; No):
A16b. ID No.(s) of other records sharing area with this polygon:
A17a. Has a change in management occurred? (Yes; No, Unknown): If Yes, A17b. Year changed occurred:
A17c. Type of management change applied:
A18. Primary Contact:

LOCATION DATA

B1. Province: B2. County/Municipal District:
B3a. City/Town/Village: B3b. SubdivPlan #: B3c. Block #: B3d. Lot #:
B4. Waterbody Name:
B5. Polygon number: B6. Side of Waterbody:
B7. Legal Land Locatio 1/4 1/4 Sec: 1/4 Sec: Section: Township (NS): Range (EW): Meridian:
B8a. Natural Region: B8b. Sub-Region:
B9a. Major Watershed (e.g. North Saskatchewan River):
B9b. Minor Watershed (e.g. Battle River):
B9c. Sub-basin (e.g. Iron Creek):
B10a. UTM coordinates of polygon North/West: Easting: Northing: Zone: GPS Projection:
B10b. UTM coordinates of polygon South/East: Easting: Northing: Zone:
B10c. UTM coordinates of any other point of interest in the polygon: East: North: Zone:
B10d. GPS Unit #: WPt Upper: WPt Lower: WPt Other:
B10e. Comments:
B11a. Map Title(s):
B11b. Map Scale: B11c. Map Year:
B12. Aerial Photo Info: Scale: Date: Job#: Line#:
AS#: Photo#: Other Info:

SELECTED SUMMARY DATA

C1. Water body type: _____ **C2.** Polygon size (acres): _____ ; (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 (acres): _____ ; (hect): _____ **C3d.** Percent of total polygon: _____

C4. Does the polygon contain ponded surface water? (Yes; No; NC): _____

C5. Polygon length (mi): _____ ; (km): _____ **C6.** Number of miles the polygon represents: _____ ; (km): _____

C7. Average polygon width (ft): _____ ; (m): _____

C8. Habitat Types and Community Types

Classification Type Name	Phase	Percent of Polygon	Successional Stage or Comments
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OPTIONAL PHYSICAL SITE CHARACTERISTICS

D1a. Does the polygon have potential for tall woody type(s)? (Yes, No): _____

D1b. Does the polygon have tall woody type(s) present? (Yes, No): _____

D2. Waterbody number (FMIS/Hydro code): _____

D3a. Is water quality data available on this waterbody? (Yes, No, Unknown, NA): _____

If **Yes**, **D3b.** Describe the reference for that data (name, year, etc.): _____

LENTIC WETLAND HEALTH ASSESSMENT SCORE SHEET

Data Record ID: _____

Actual Score Possible Score Comment

Polygon Number: _____

- 1. Vegetative Cover of the Polygon _____
- 2a. Invasive Plant Species Canopy Cover _____
- 2b. Invasive Plant Species Density Distribution _____

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.
bladder campion:	_____	_____	_____	field bindweed:	_____	_____	_____	spotted knapweed:	_____	_____	_____
blueweed:	_____	_____	_____	leafy spurge:	_____	_____	_____	spreading dogbane:	_____	_____	_____
Canada thistle:	_____	_____	_____	nodding thistle:	_____	_____	_____	tall buttercup:	_____	_____	_____
caragana:	_____	_____	_____	ox-eye daisy:	_____	_____	_____	tamarisk/salt cedar:	_____	_____	_____
cleavers:	_____	_____	_____	perennial sow-thistle:	_____	_____	_____	white cockle:	_____	_____	_____
common hound's-tongue:	_____	_____	_____	purple loosestrife:	_____	_____	_____	yellow toadflax:	_____	_____	_____
common tansy:	_____	_____	_____	Russian knapweed:	_____	_____	_____				
dalmatian toadflax:	_____	_____	_____	Russian olive:	_____	_____	_____	Others:	_____	_____	_____
diffuse knapweed:	_____	_____	_____	scentless chamomile:	_____	_____	_____	Others:	_____	_____	_____
downy ches:	_____	_____	_____	smooth perennial	_____	_____	_____				
European buckthorn:	_____	_____	_____	sow-thistle:	_____	_____	_____				

2c. Are there elevated status species for this county? (Yes; No; NC):

Elevated Sps 1: _____ Elevated Sps 2: _____ Elevated Sps 3: _____

- 3. Disturbance-increaser Undesirable Herbaceous Species _____
- 4. Tree and Preferred Shrub Species Establishment and 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 Change of Water Level _____

Soil/Hydrology Subtotal: _____

Overall Polygon Total: _____

RATING CALCULATION

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

Descriptive Category

Vegetation Rating: _____ / _____ 100 = _____

Soil / Hydrology Rating: _____ / _____ 100 = _____

OVERALL: _____ / _____ 100 = _____

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

