

ALBERTA WETLAND HEALTH ASSESSMENT FOR
LARGE RIVER SYSTEMS (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 Upper end: Easting: _____; Northing: _____; Zone: _____ GPS Projection: _____
B10b. UTM coordinates of polygon Lower end: 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

Polygon Number: _____ Record ID No: _____

C1. Water body type: _____ **C2.** Polygon size (acres): _____ ; (hect): _____

C3a. Is the entire polygon 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. Channel length (mi): _____ ; (km): _____ **C5.** Number of river miles the polygon represents: _____ ; (km): _____

C6. Average polygon width (ft): _____ ; (m): _____

C7. Habitat Types and Community Types

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

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

If **Yes**, **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.): _____

RIVER HEALTH EVALUATION

Polygon Number: _____ Record ID No: _____

	Actual Score	Possible Score	Comment
1. Cottonwood and Poplar Regeneration from Seed	_____	_____	_____
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	_____	_____	_____

	Species	Can.Cov.	Dens.Dist.
List Invasive Plant Species present, including Percent Canopy Cover and Density Distribution Class:	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 Addition of Water from/to River System _____

12. Control of Flood Peak and Timing by Upstream Dam(s) _____

13. Riverbanks Structurally Altered by Human Activity _____

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: _____ / _____ x 100 = _____

Soil / Hydrology: _____ / _____ 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)

