

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 Municipalities  
 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
--------------------------	-------	--------------------	--------------------------------

**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)

