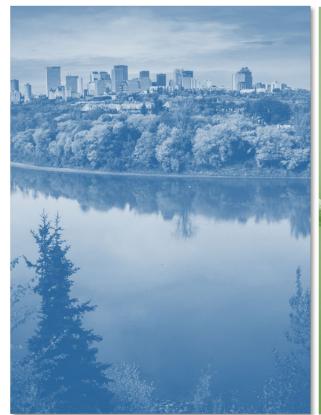
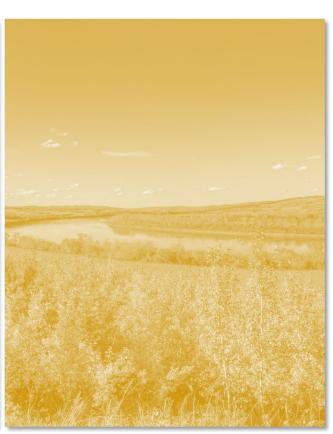
# WPAC Partnerships for Riparian Action









#### Presentation Overview

#### Riparian Health Priorities and Connections:

- NSWA Riparian Health Action Plan
- BRWA Riparian Area Management and Restoration Programs

#### Joint Riparian Project

- Riparian Intactness Assessment and Watershed Pressure
- Riparian Web Portal





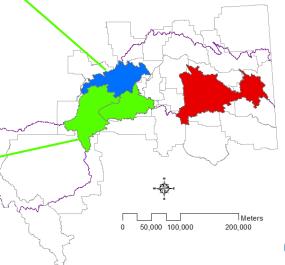


#### **County**

- Clearwater County
- Brazeau County
- Parkland County
- Leduc County
- Wetaskiwin County

#### Town

- Rocky Mountain House
- Drayton Valley
- Devo





# Municipal Program Options

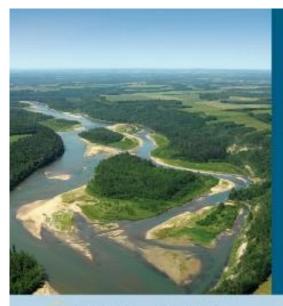








# IWMP (2012)- Guiding Document



Integrated Watershed Management Plan for the North Saskatchewan River in Alberta

- North Saskatchewan Watershed Alliance

Watershed Management Direction 3.3: Maintain and restore riparian areas

#### Actions:

#### 3.3.1

Complete an inventory and assess the condition of riparian areas in the NSR watershed.

#### 3.3.2

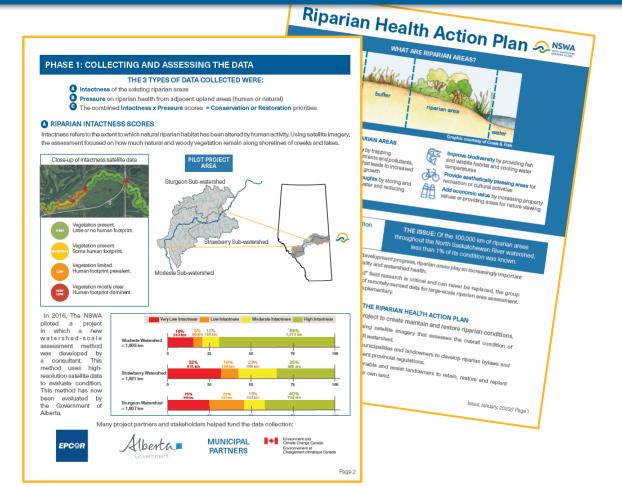
Municipalities, in consultation with landowners groups and other stakeholders, are encouraged to develop riparian set-back guidelines which exceed provincial regulations.

#### 3.3.3

Develop incentive and support programs (financial and expertise) to enable and assist landowners to retain naturally-occurring riparian areas, restore damaged riparian areas and replant riparian vegetation on their own land.

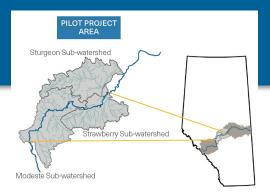


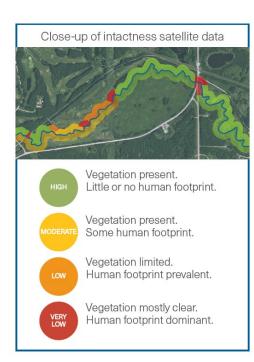
### Riparian Health Action Plan

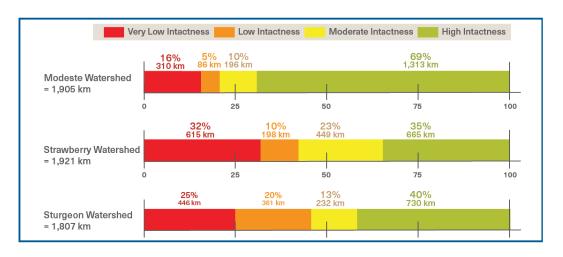




# Intactness Pilot Project

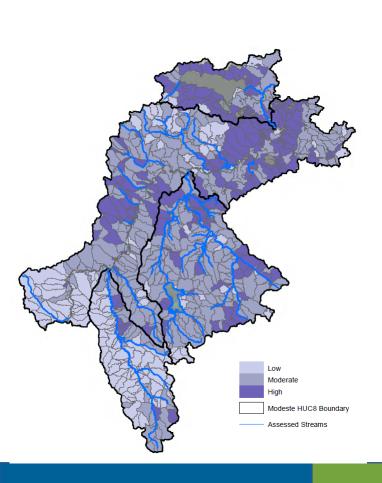


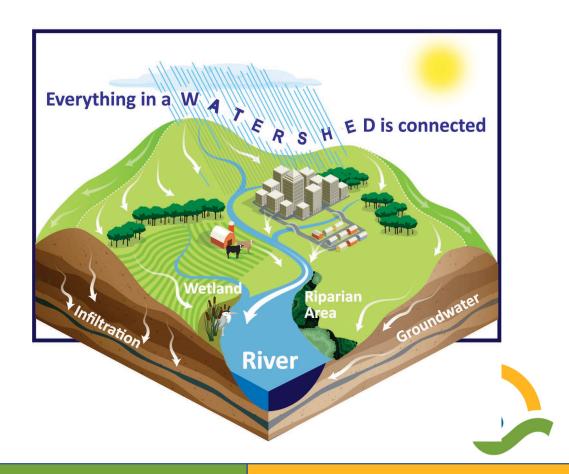




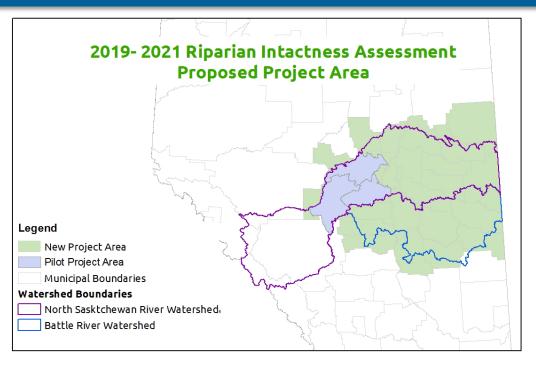


#### Catchment Pressure





## Expansion of the Intactness Dataset















### Riparian Area Management



- Complete riparian health assessments
- Set priorities and develop strategies to maintain or improve riparian health
- Undertake riparian conservation and restoration projects in priority areas



### Past Riparian Assessments

- Over 200 Cows and Fish riparian health assessments completed
- Aerial videography completed for the mainstem of the Battle River (and select lakes) in 2007-2008
- Government of Alberta used the intactness methods to assess the Pigeon Lake watershed



WATERSHED ALLIANCE



# Riparian Restoration Projects

**GOAL:** to work with local landowners and residents and provide financial support for projects that support the health of the Battle River, its tributary streams, and other water bodies



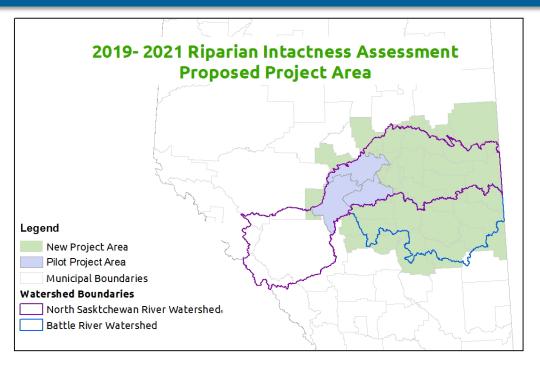


### NSWA/BRWA Partnership Riparian Intactness Project

- Shared interest in:
  - increasing our understanding of riparian intactness
  - informing riparian conservation and restoration efforts
- Funding provided by the Canadian Agricultural Partnership (CAP)
- Project timeline: 2019-2021



# Expansion of the Intactness Dataset







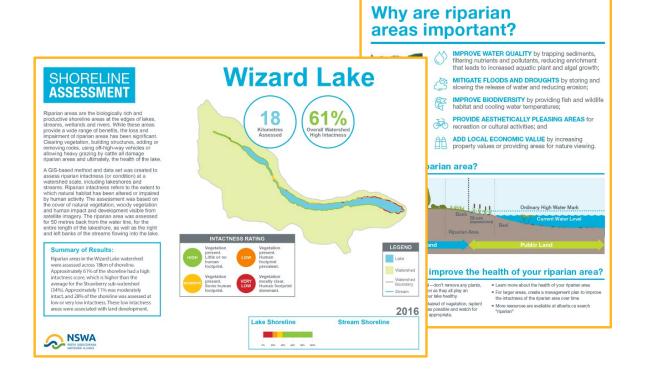






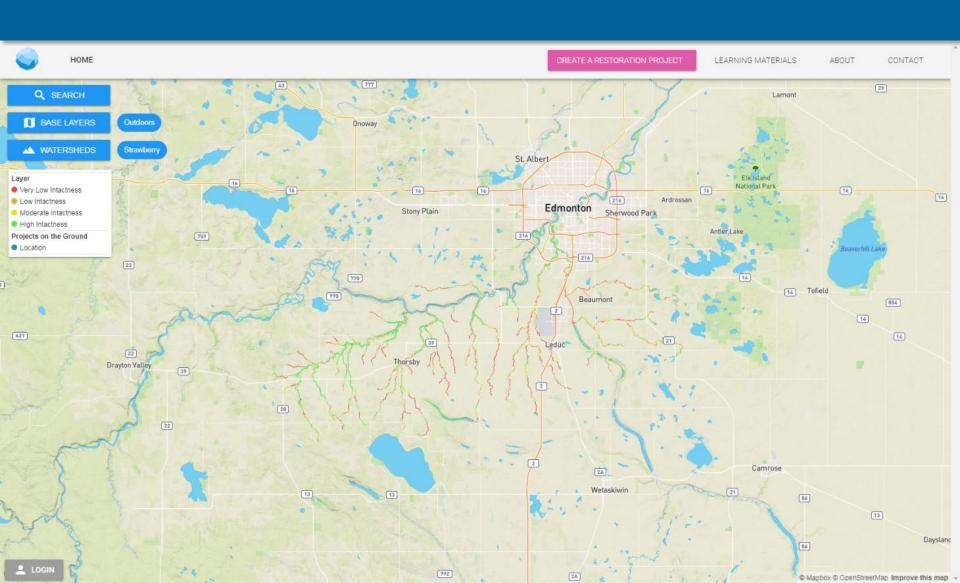


#### **Education Tools**





### Riparian Web Portal



# Riparian Web Portal



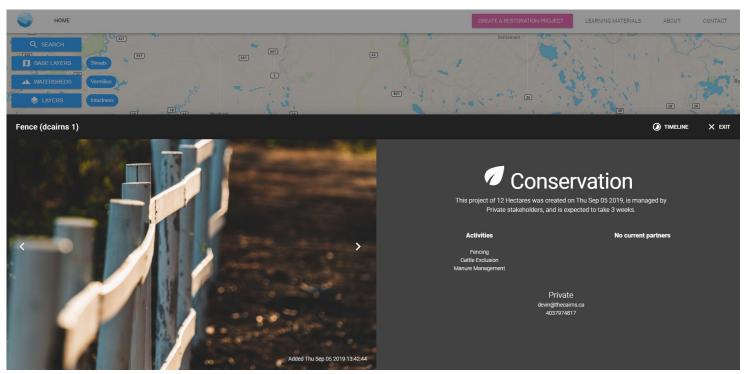
#### Sharing information and resources:

- What are riparian areas?
- Why are they important?
  What functions and benefits do they provide?
- How is riparian health or intactness measured?
- What can you do to help maintain or improve the health of riparian areas?



### Riparian Web Portal

#### Landowner connection (beta version summer 2020)







# Questions?





