



Parkland County's Stewardship Programs 2017

Committee of the Whole Meeting
December 5th, 2017



What is ALUS?

A community-developed, farmer-delivered program that provides support to farmers and ranchers to enhance, maintain and create ecosystem services.



2017 Overarching Goal

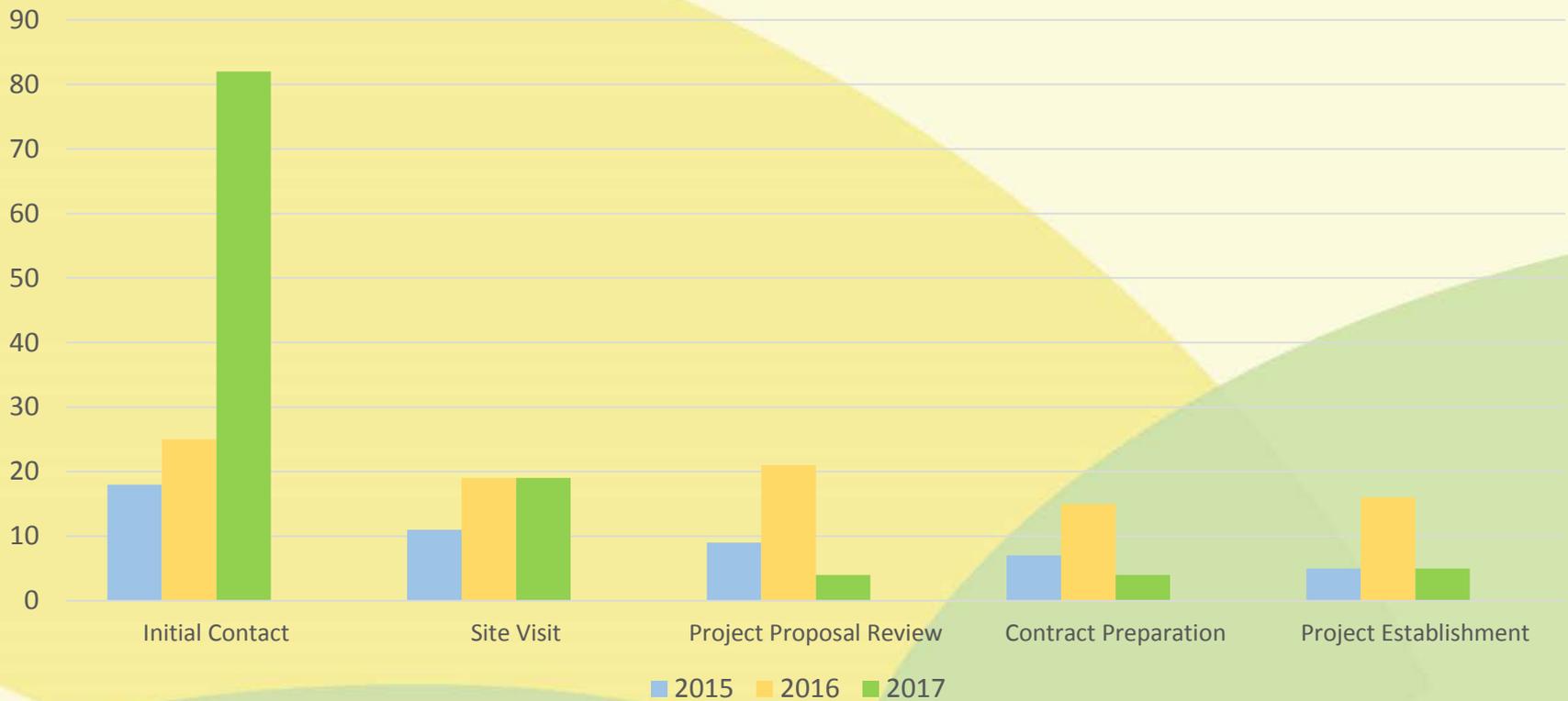
Implement administrative and program policy advances to increase the number, diversity, and distribution of implemented ALUS projects in Parkland County in 2017. Increase producer awareness and interest in the ALUS program.



Progress in 2017

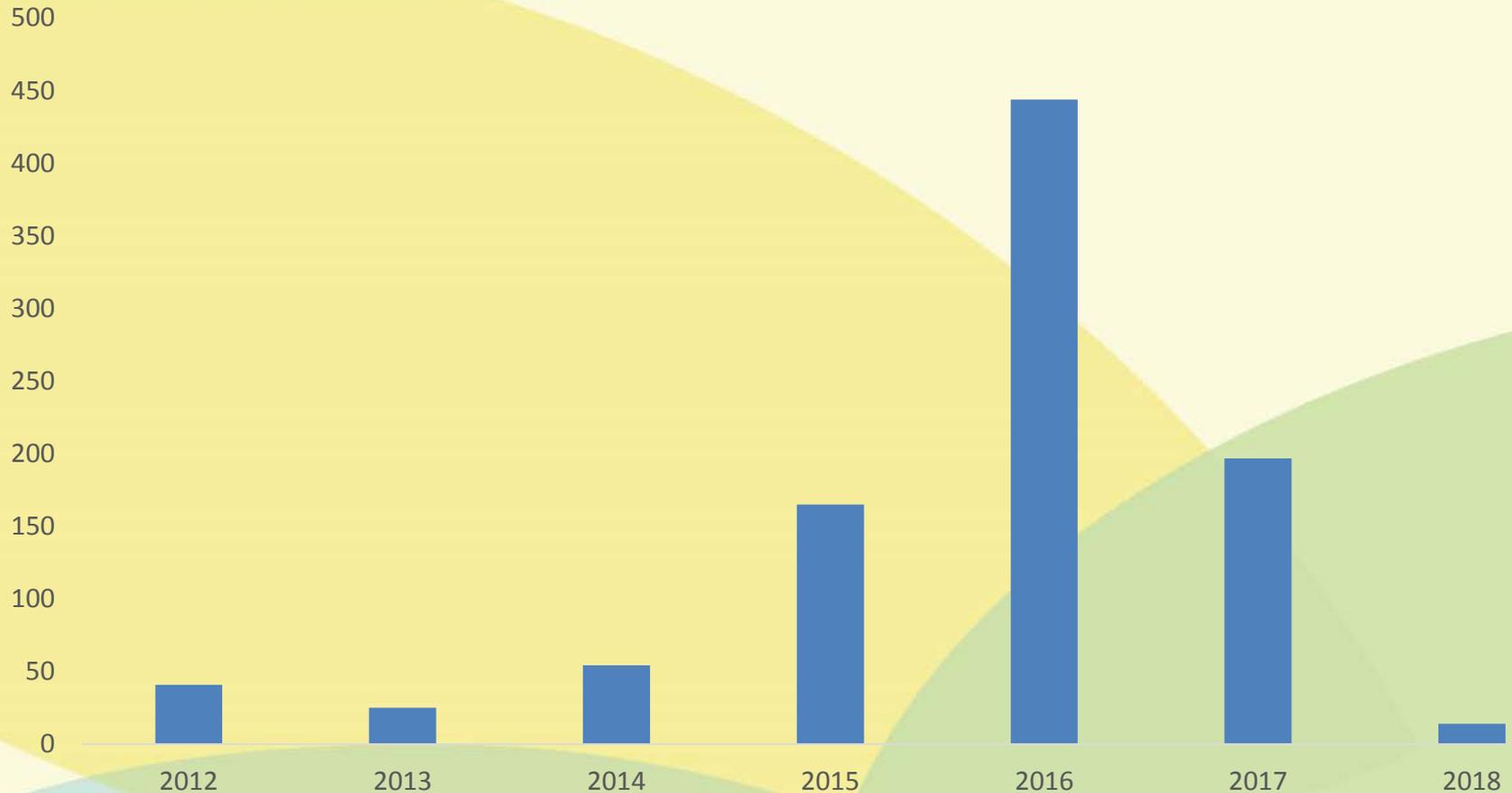


Numbers Current as of November 14, 2017



Totals of Acres Enrolled

Numbers Current as of November 14, 2017

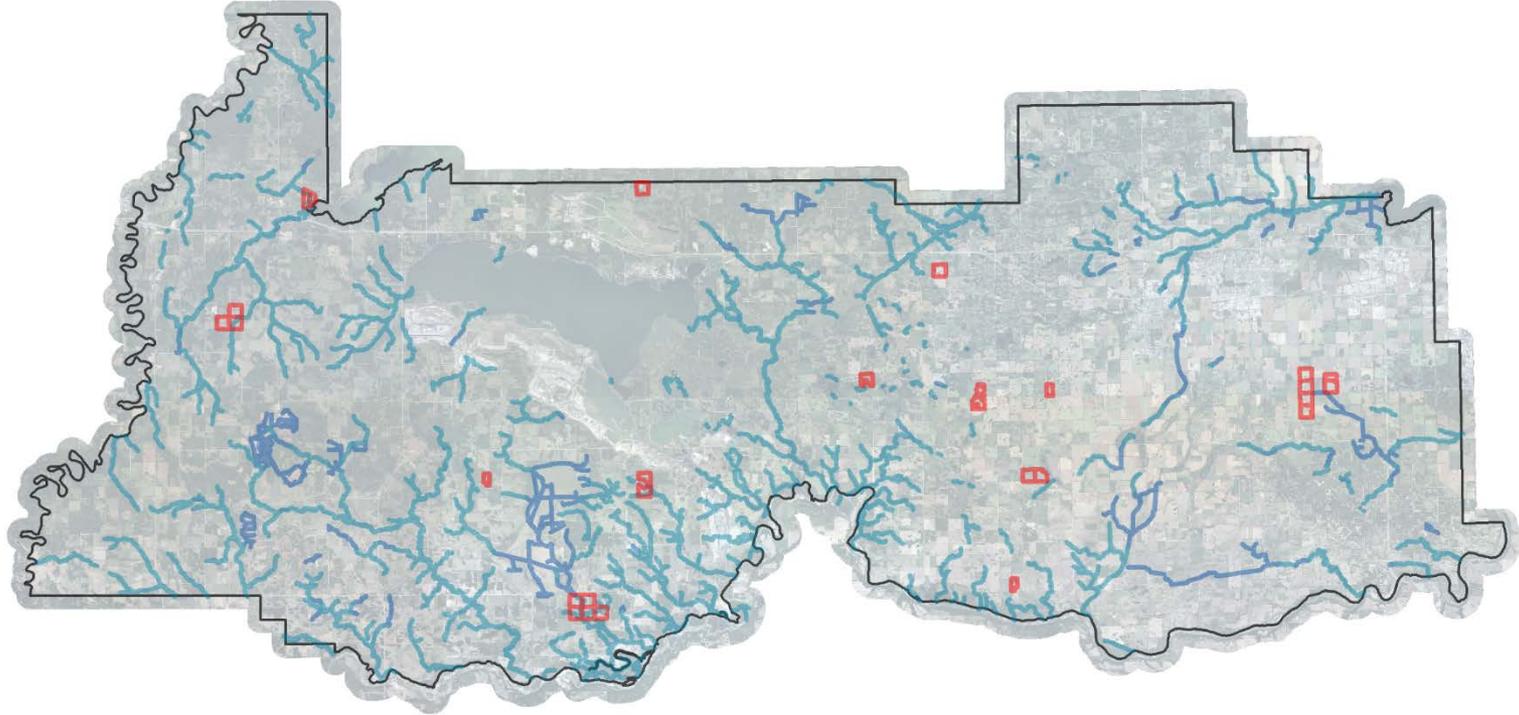


Parkland County 2017 Projects

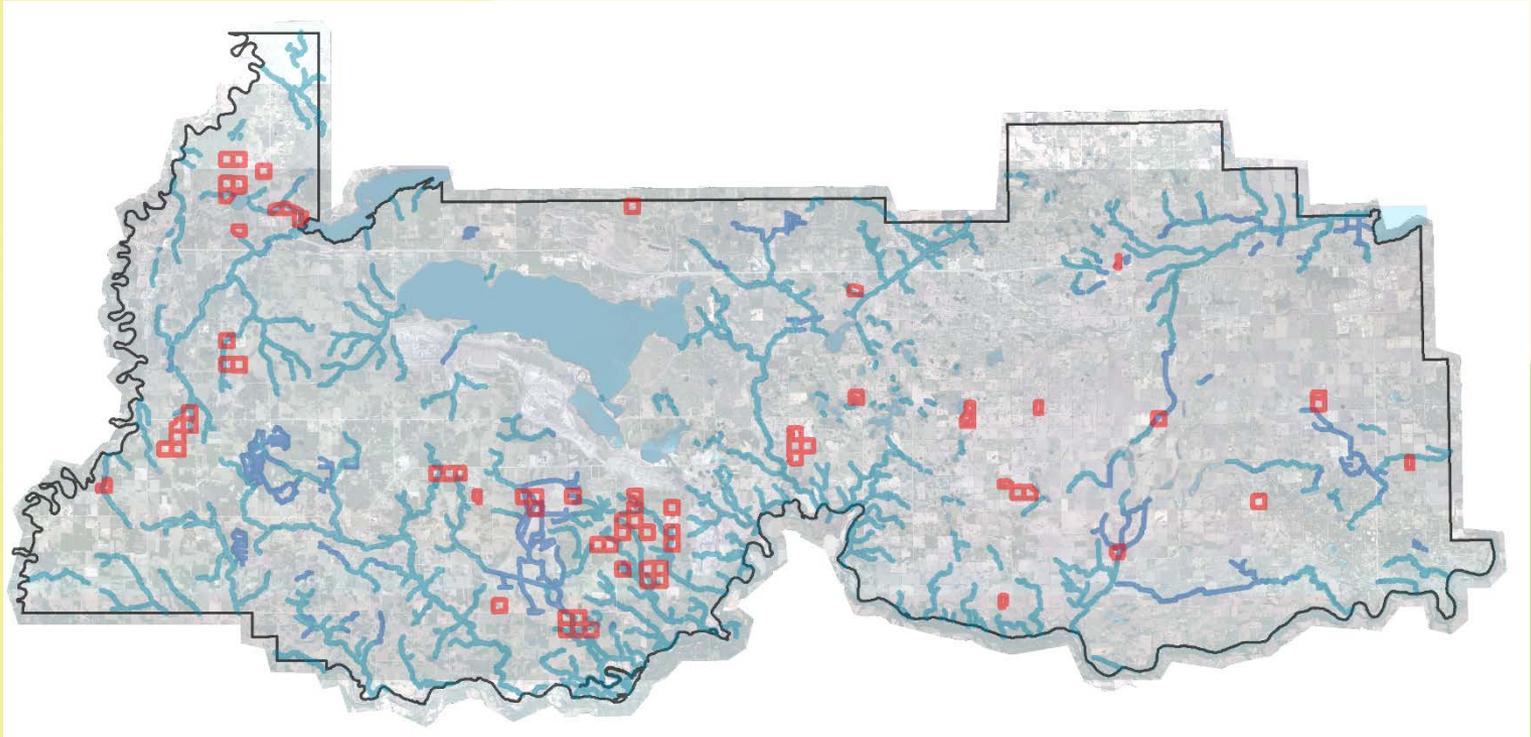
- Alternative Watering Systems
- Riparian Exclusion Fencing
- Tree planting (reforestation)
- Wildlife Habitat & Corridor
- Animal Crossings



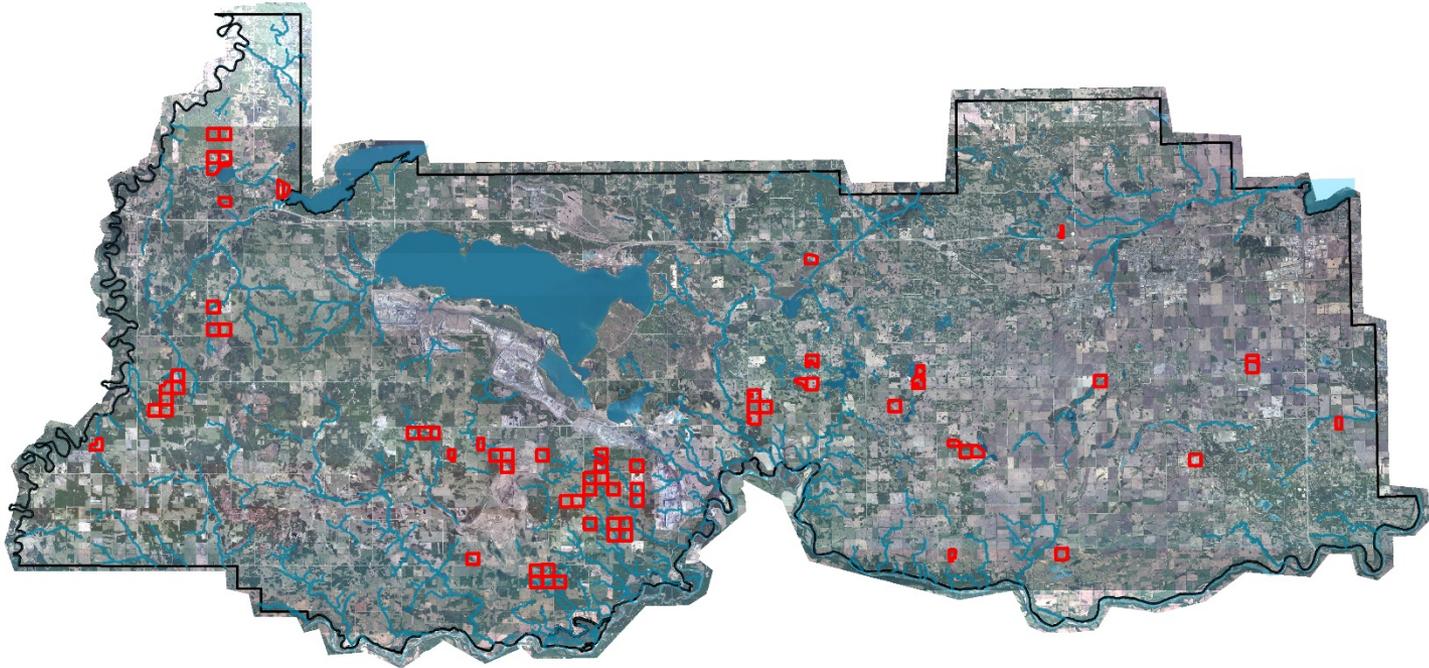
2015 Project Locations



2016 Project Locations



2017 Project Locations



32 Producers

924.71 total acres enrolled



Keys to Growth

- Dedicated ALUS Staff
- Regional Delivery Coordinator
- External Funding - Over \$1M
- Partnerships with ALUS Communities across Alberta
- Support from ALUS Canada
- Support from other Organizations
- Targeted Communications and Landowner Relations Development



3rd Annual ALUS Tour

- ALUS Parkland and ALUS Lac Ste. Anne Partnered
- 4 sites visited
 - 3 Parkland
 - 1 Lac Ste. Anne
- Attendees included:
 - Elected officials
 - Local producers
 - Other expert organizations



Project types highlighted include:

- Riparian Area Planting
- Alternative Watering Systems
- Riparian re-establishment/
enhancement
- Eco-buffer creation

2017 Workshop Series

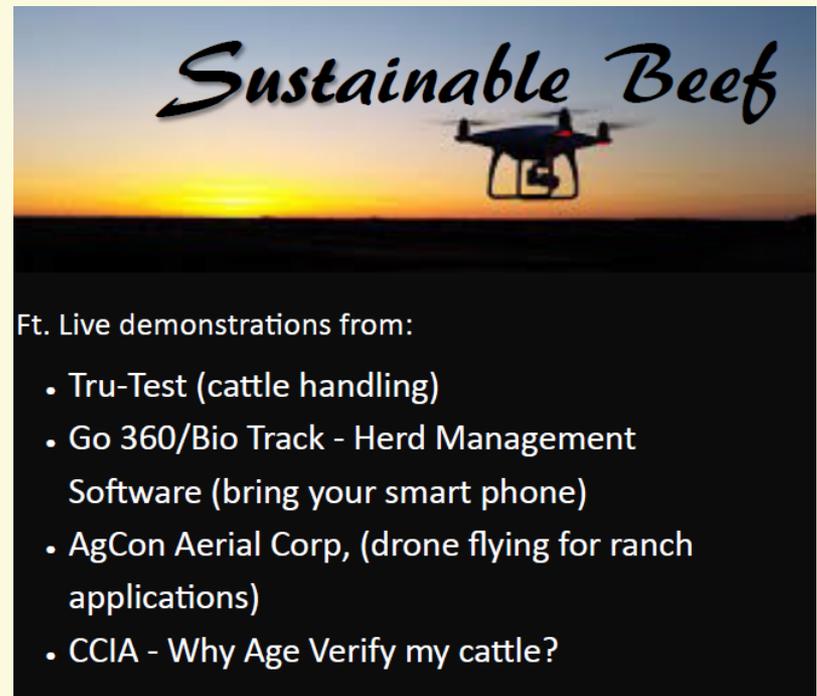
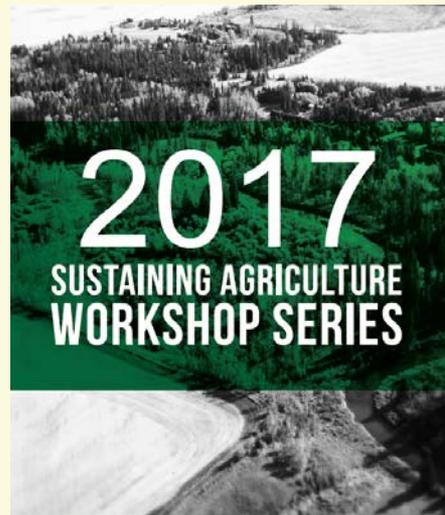
Partnership with Lac Ste. Anne County and West Central Forage

1. Sustainable Beef Field Day

- 25 people

2. Generating Electricity from the Sun & Planning for Wet & Dry Years

- 12 people



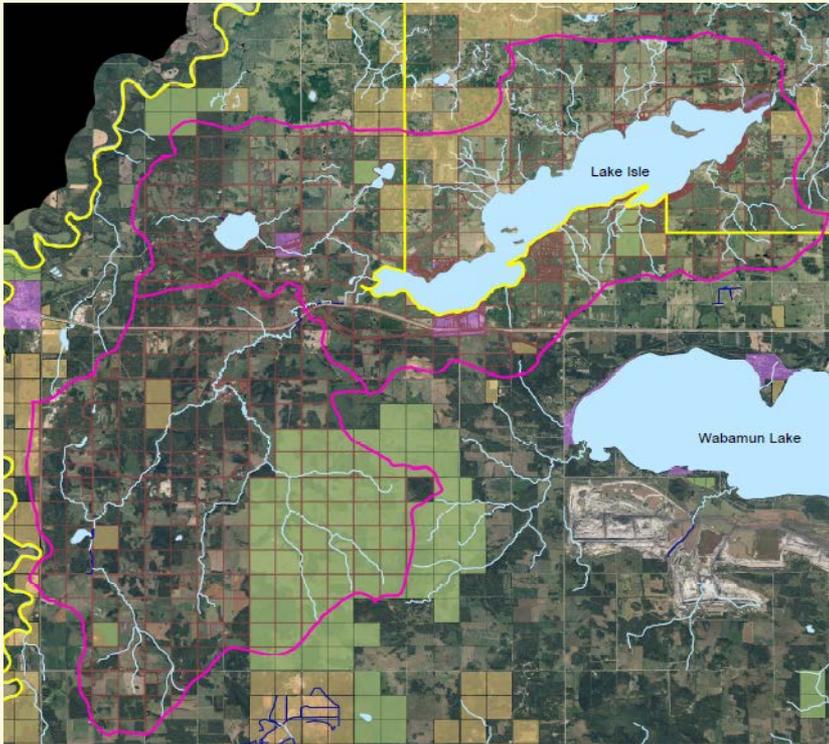
Sustainable Beef

Ft. Live demonstrations from:

- Tru-Test (cattle handling)
- Go 360/Bio Track - Herd Management Software (bring your smart phone)
- AgCon Aerial Corp, (drone flying for ranch applications)
- CCIA - Why Age Verify my cattle?

Lake Isle & Sturgeon Headwaters Watershed Partnership – 2017 Update

Partnership was motivated by efforts of our community voicing concerns about the health of Lake Isle.

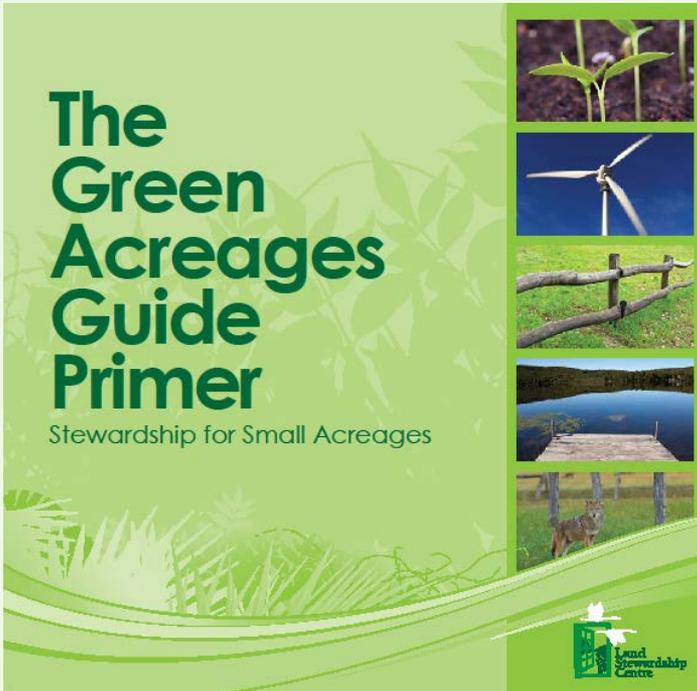


- Last year of Funding from Alberta Agriculture & Forestry's Agricultural Watershed Enhancement Program
 - shared with Lac Ste. Anne County
- 100% Project establishment coverage in the Lake Isle & Sturgeon Headwaters Watershed
- 35% of land within the watersheds are considered ESA
- In total 6 Producers enrolled with 17 approved projects, 261.87 ac enrolled.



Green Acres

Stewardship for Small Acreages



Education and incentive program for acreage owners in Parkland County.

The program has three goals:

1. Help acreage owners identify environmental issues on their land.
2. Help them develop plans to address those issues.
3. (Most important) Help them put those plans into on-the-ground action through incentives resulting in real environmental benefit.



Program Details

- Workshops to increase acreage owner's knowledge of natural resource management
- Staff-assisted project proposal development
- Project establishment costs shared: 60% County/40% landowner- up to \$2000 or \$3000 for septic improvements



Progress into 2017

Numbers Current as of November 14, 2017



Higher interest due to partnership with Nature Alberta for shoreline naturalization on Lakes within the county, a mail out was sent out to both Lake Wabamun and Lake Isle.

2017 Green Acreages Workshops

- Septic Sense Workshop
 - 50 attendees
 - Included residents and a few realtor
- Bee Box Building Workshops
 - 2 held at different locations
 - Approximately 30 attendees total



Lake Wabamun and Lake Isle Shoreline Assessment and Restoration Partnership

Partnership with Nature Alberta

- Lake Wabamun Shoreline Assessments were completed in 2016, reports from these were provided in 2017 through mail outs
- Lake Isle residents received an information mail out spring 2017, shoreline assessments started in summer 2017
- \$120,000 funding & project planning available for shoreline restoration and enhancement projects 2017-2018
 - In 2017 Resulted in 34 Site visits, 29 project plans and 10 projects implemented just



Green Acreages Funding



Fall of 2017 the Green Acreages Program Applied for Multiple Grants including:

- EDF – Environmental Damages Fund
(Government of Canada)
- WHC – Wildlife Habitat Canada
(National Not-For-Profit)
- WRRP – Watershed Resiliency and Restoration Program
(Alberta Environment and Parks)

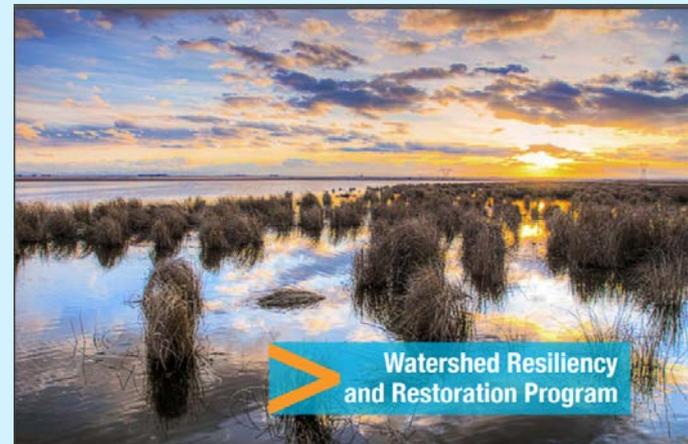
****Notification of funding success will not be given until 2018.

THE ENVIRONMENTAL DAMAGES FUND:

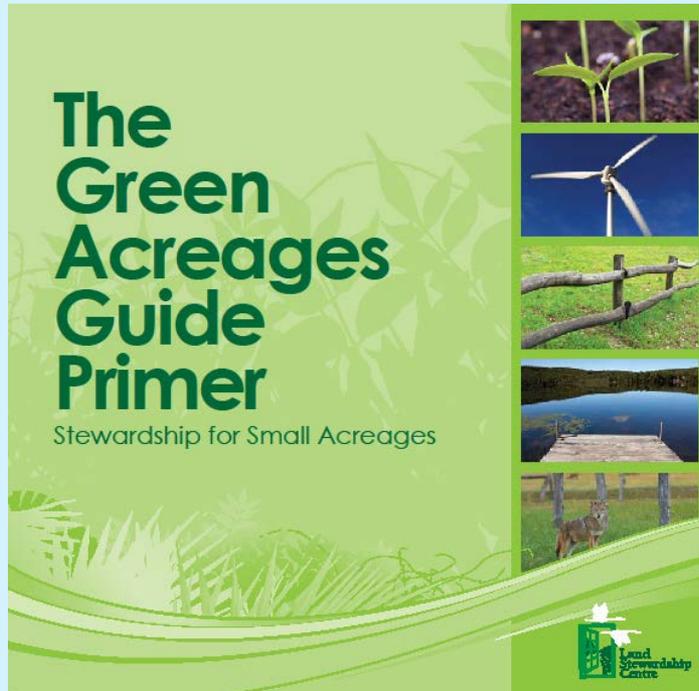
- BASED ON THE POLLUTER-PAYS PRINCIPLE
- MANAGES THE MONEY FROM COURT PENALTIES RESULTING FROM ENVIRONMENTAL CONVICTIONS
- FUNDS PROJECTS THAT BENEFIT CANADA'S ENVIRONMENT

CANADA.CA/ENVIRONMENTNATURALRESOURCES

Canada



Land Stewardship Centre (LSC) – Green Acreages Expansion



- Currently the LSC provides much of the material municipalities supply to acreage owners
- They are looking at feasibility of expanding to become a centralized grant fund organization that municipalities across Alberta can access for stewardship projects on Acreages.



Questions?

