

Putting the “How” into the “What”

Synergy 2015

The Power of Working Together



Land Stewardship Centre

www.landstewardship.org

Who We Are

- Established in 1996
- Not-for-profit, charitable organization
- Governed by a volunteer Board of Directors
- Operated by core staff
- Supported by program advisory committees



What We Do

- We help people:
- Understand the value of ecological services
- Recognize important stewardship priorities
- Apply key stewardship principles in land and resource use decisions
- Learn from those who provide good stewardship examples



How We Do It

- Facilitate partnerships
- Provide services, tools and develop resources
- Collaborate on the development of stewardship practices, programs and policies
- Support provincial and national initiatives
- Work with individuals and organizations responsible for managing land and associated natural resources



Our Approach

- **Engage** – Identify the **need**
 - Individuals, community groups, partners
- **Inform** – Build the **network**
 - Partnerships and relationships
- **Enable** – Develop the **solutions**
 - Programs, resources and tools



A Few Programs – An Overview

- Assessing the **need**
 - Does the need align with LSC mandate?
 - Are there any existing programs?
 - Is there a more appropriate organization?
 - Can we effectively design/deliver a program?
- Finding the **solution**
 - Who are the partners that can assist?
 - What are the short and long term outcome?
 - What does evaluation look like?

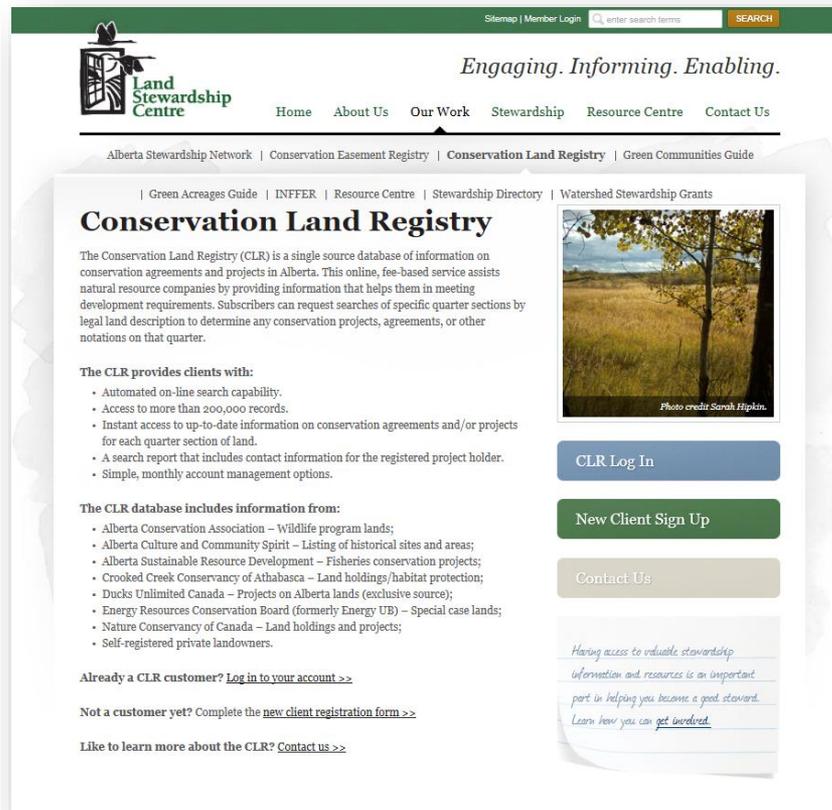


The Need

- Users want the ability to readily locate conservation interests in Alberta
- A resource to assist in planning and developmental requirements
- Robust, easily accessible, on-line service
- Commit to continuous improvement



Conservation Land Registry



The screenshot shows the homepage of the Conservation Land Registry. At the top, there is a navigation bar with links for 'Home', 'About Us', 'Our Work', 'Stewardship', 'Resource Centre', and 'Contact Us'. The main heading is 'Engaging. Informing. Enabling.' Below this, there are several sections: 'Conservation Land Registry' with a description of the database, 'The CLR provides clients with:' followed by a list of benefits, 'The CLR database includes information from:' followed by a list of sources, and a 'Contact Us' button. There is also a photo credit for Sarah Hipkin and a quote about the importance of stewardship information.

SiteMap | Member Login | SEARCH

Land Stewardship Centre

Engaging. Informing. Enabling.

Home About Us Our Work Stewardship Resource Centre Contact Us

Alberta Stewardship Network | Conservation Easement Registry | **Conservation Land Registry** | Green Communities Guide

| Green Acreages Guide | INFFER | Resource Centre | Stewardship Directory | Watershed Stewardship Grants

Conservation Land Registry

The Conservation Land Registry (CLR) is a single source database of information on conservation agreements and projects in Alberta. This online, fee-based service assists natural resource companies by providing information that helps them in meeting development requirements. Subscribers can request searches of specific quarter sections by legal land description to determine any conservation projects, agreements, or other notations on that quarter.

The CLR provides clients with:

- Automated on-line search capability.
- Access to more than 200,000 records.
- Instant access to up-to-date information on conservation agreements and/or projects for each quarter section of land.
- A search report that includes contact information for the registered project holder.
- Simple, monthly account management options.

The CLR database includes information from:

- Alberta Conservation Association – Wildlife program lands;
- Alberta Culture and Community Spirit – Listing of historical sites and areas;
- Alberta Sustainable Resource Development – Fisheries conservation projects;
- Crooked Creek Conservancy of Athabasca – Land holdings/habitat protection;
- Ducks Unlimited Canada – Projects on Alberta lands (exclusive source);
- Energy Resources Conservation Board (formerly Energy UB) – Special case lands;
- Nature Conservancy of Canada – Land holdings and projects;
- Self-registered private landowners.

Already a CLR customer? [Log in to your account >>](#)

Not a customer yet? Complete the [new client registration form >>](#)

Like to learn more about the CLR? [Contact us >>](#)

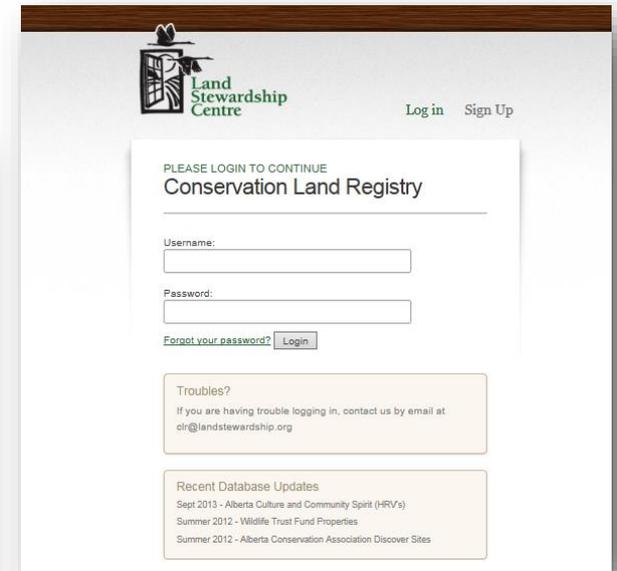
Photo credit: Sarah Hipkin.

CLR Log In

New Client Sign Up

Contact Us

Having access to valuable stewardship information and resources is an important part in helping you become a good steward. Learn how you can get involved.



The screenshot shows the login page of the Conservation Land Registry. It features the Land Stewardship Centre logo and navigation links for 'Log in' and 'Sign Up'. The main heading is 'PLEASE LOGIN TO CONTINUE Conservation Land Registry'. There are input fields for 'Username:' and 'Password:', a 'Login' button, and a link for 'Forgot your password?'. Below the login form, there is a 'Troubles?' section with contact information and a 'Recent Database Updates' section with a list of updates.

Land Stewardship Centre

Log in Sign Up

PLEASE LOGIN TO CONTINUE
Conservation Land Registry

Username:

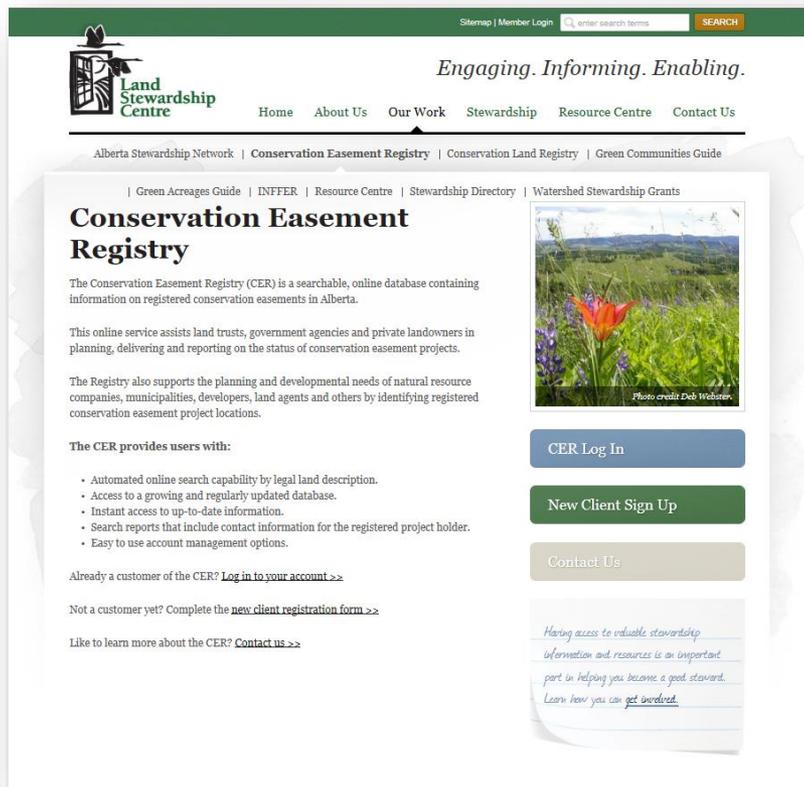
Password:

[Forgot your password?](#)

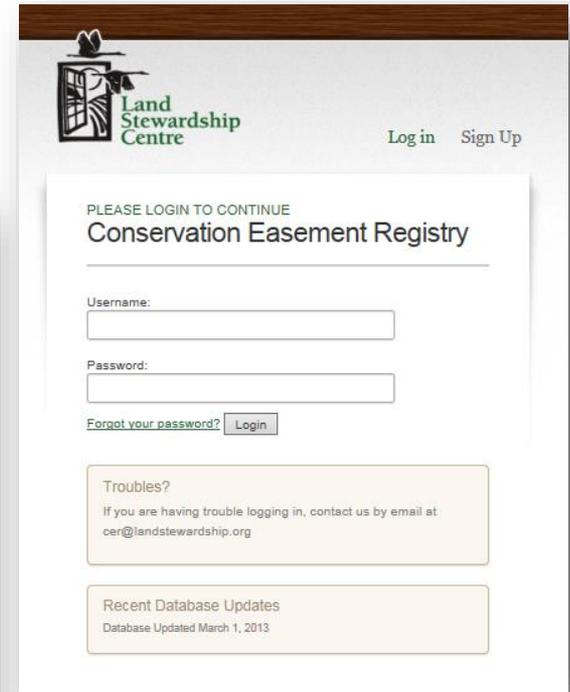
Troubles?
If you are having trouble logging in, contact us by email at clr@landstewardship.org

Recent Database Updates
Sept 2013 - Alberta Culture and Community Spirit (HRVs)
Summer 2012 - Wildlife Trust Fund Properties
Summer 2012 - Alberta Conservation Association Discover Sites

Conservation Easement Registry



The screenshot shows the homepage of the Conservation Easement Registry. At the top, there is a navigation bar with the Land Stewardship Centre logo on the left and the tagline "Engaging. Informing. Enabling." in the center. Below the tagline are links for Home, About Us, Our Work, Stewardship, Resource Centre, and Contact Us. A search bar is located in the top right corner. The main content area features a sub-navigation bar with links for Alberta Stewardship Network, Conservation Easement Registry, Conservation Land Registry, and Green Communities Guide. Below this, there are links for Green Acres Guide, INFFER, Resource Centre, Stewardship Directory, and Watershed Stewardship Grants. The main heading is "Conservation Easement Registry". The text describes the registry as a searchable online database of registered conservation easements in Alberta. It mentions that the service assists land trusts, government agencies, and private landowners in planning, delivering, and reporting on the status of conservation easement projects. It also states that the registry supports the planning and developmental needs of natural resource companies, municipalities, developers, land agents, and others by identifying registered conservation easement project locations. A list of benefits for users is provided, including automated online search capability, access to a growing and regularly updated database, instant access to up-to-date information, search reports that include contact information for the registered project holder, and easy-to-use account management options. There are three buttons: "CER Log In", "New Client Sign Up", and "Contact Us". A note at the bottom of the page reads: "Having access to valuable stewardship information and resources is an important part in helping you become a good steward. Learn how you can get involved."



The screenshot shows the login page of the Conservation Easement Registry. At the top, there is a navigation bar with the Land Stewardship Centre logo on the left and the tagline "Engaging. Informing. Enabling." in the center. Below the tagline are links for Home, About Us, Our Work, Stewardship, Resource Centre, and Contact Us. A search bar is located in the top right corner. The main heading is "PLEASE LOGIN TO CONTINUE Conservation Easement Registry". Below the heading are two input fields for "Username:" and "Password:". A "Login" button is located below the password field. There is a link for "Forgot your password?". Below the login form, there is a "Troubles?" section with the text: "If you are having trouble logging in, contact us by email at cer@landstewardship.org". At the bottom, there is a "Recent Database Updates" section with the text: "Database Updated March 1, 2013".

v2.0 Coming - 2016

LSC Conservation Easements Dashboard Search [Browse](#)

Results:

QTR Sec	Section	Township	Range	Meridian	Reference
NW	4	126	6	6	Category: a (for LSD(s) 1-3,8) HRV 5, High Potential Lands...
NW	4	126	6	5	Category: a (for LSD(s) 1-3,8) HRV 5, High Potential Lands...
NW	4	126	5	8	Category: a (for LSD(s) 1-3,8) HRV 5, High Potential Lands...
NW	4	126	6	3	This is an area where containment and disposal of drilling...
NW	4	126	6	5	Category: a (for LSD(s) 1-3,8) HRV 5, High Potential Lands...
NW	4	126	5	8	Category: a (for LSD(s) 1-3,8) HRV 5, High Potential Lands...

420021

420021	
FID	54
FILE_NAME	420021
TRM	021204
M	4
RGE	20
TWP	21
SEC	21
QS	SE
RA	
PID	42002121500
QS-SE SEC-21	
DESCRIPTOR TWP-021 RGE-20 MER-4	
GVI	1
SAR_BOR	0
SAR_CR	0
SAR_CNB	0
SAR_ESHLR	0
SAR_ETPR	0
SAR_GSGHB	0
SAR_GBZ	0
SAR_MGSA	0
SAR_OKRR	0
SAR_PPB	0
SAR_PPW	0
SAR_SAR	0

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Image S. Alberta MD s...
Image © 2015 DigitalGlobe

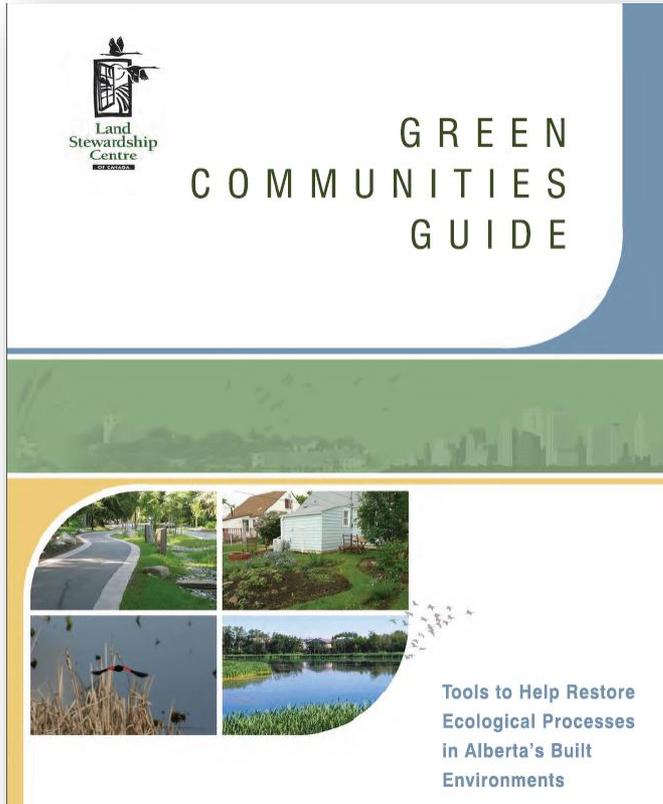


The Need

- Alberta's large urban centers and surrounding communities are growing at an ever increasing rate
- High growth rate is straining existing municipal services, infrastructure and land use
- Putting pressure on natural systems and resources
- Environmental challenges can be addressed by better planning and design



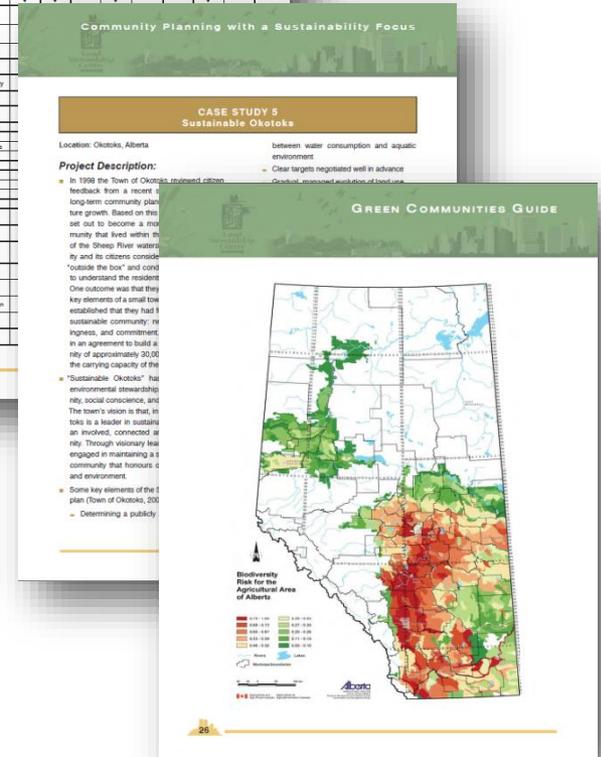
Green Communities Guide



Green Community Design and Policy Tools

Table 3: Summary Matrix of Tools and Environmental Topic Areas

Tool	Water Quality	Water Supply	Energy Savings	Wildlife Habitat	Open Space	Greenhouse Gases	Green Money	Protected Farmland
Alternative Road Design, Paving, Sealing and Drainable Pavement	✓	✓	✓	✓	✓	✓	✓	✓
Biodiversity / Species at Risk Planning	✓	✓	✓	✓	✓	✓	✓	✓
Bioretention, Rain Gardens, Etc.	✓	✓	✓	✓	✓	✓	✓	✓
Brownfield Remediation	✓	✓	✓	✓	✓	✓	✓	✓
Cluster Development	✓	✓	✓	✓	✓	✓	✓	✓
Community Planning / Sustainability	✓	✓	✓	✓	✓	✓	✓	✓
Density Zoning	✓	✓	✓	✓	✓	✓	✓	✓
Provision / Flood Management	✓	✓	✓	✓	✓	✓	✓	✓
Green Neighbourhood Certification	✓	✓	✓	✓	✓	✓	✓	✓
Green Roofs	✓	✓	✓	✓	✓	✓	✓	✓
Inventory of Environmental Assets	✓	✓	✓	✓	✓	✓	✓	✓
Low-impact Recreational Trails	✓	✓	✓	✓	✓	✓	✓	✓
Regrowth Capture	✓	✓	✓	✓	✓	✓	✓	✓
Reverse Subsidies	✓	✓	✓	✓	✓	✓	✓	✓
Subsidized Naturalization	✓	✓	✓	✓	✓	✓	✓	✓
The Greening Checklist Standards	✓	✓	✓	✓	✓	✓	✓	✓
Stormwater Infiltration	✓	✓	✓	✓	✓	✓	✓	✓
Stream Daylighting	✓	✓	✓	✓	✓	✓	✓	✓
Streambank Bioengineering	✓	✓	✓	✓	✓	✓	✓	✓
Transfer of Development Rights / Conservation Easements	✓	✓	✓	✓	✓	✓	✓	✓
Watershed Partnership	✓	✓	✓	✓	✓	✓	✓	✓
Watershed Protection	✓	✓	✓	✓	✓	✓	✓	✓
Wildlife Habitat Creation/Restoration	✓	✓	✓	✓	✓	✓	✓	✓
Wildlife Movement Corridors	✓	✓	✓	✓	✓	✓	✓	✓
Watershed	✓	✓	✓	✓	✓	✓	✓	✓



v2.0 – What could it look like?

- Feedback and demand is high, but is there another way?
- Publications are costly to produce
- Unknown shelf-life
- What differentiates?



v2.0 – What could it look like?

- Content curation
- Aggregates priority resources developed by other organizations
- Opportunity to create commentary detailing the applicability/relevance
- Single resource to get validated information to help support on-the-ground, action based activities



The Need

- Community-based stewardship groups are developing and implementing local initiatives
- Typically volunteer-driven, independent and resource-limited
- Require access to funding, information and expertise



Alberta Stewardship Network

- **Top 3 needs:**
 - Greater community/public awareness
 - Project funding
 - Access to information and expertise



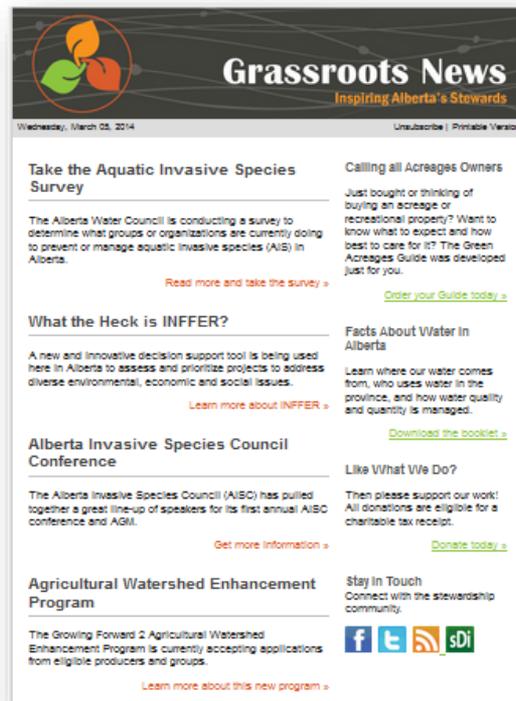
Greater Community Awareness

- Tools and resources for stewards
 - Stewardship Directory
 - Organizational basics
 - Funding for stewards
 - Planning stewardship activities
 - Building community involvement
 - Case studies and success stories



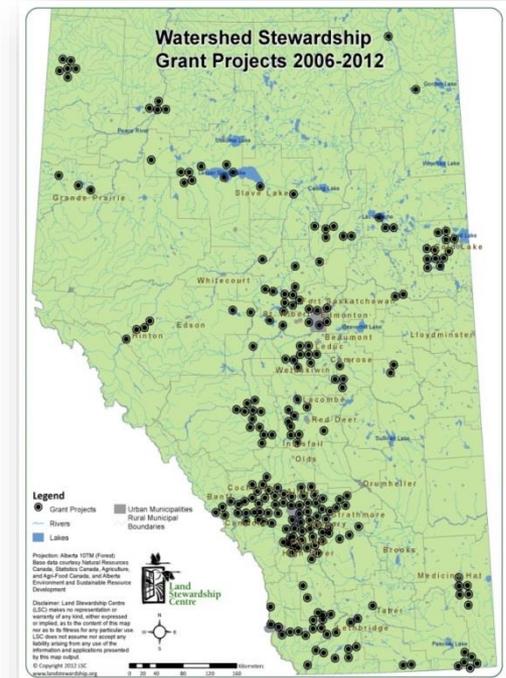
Greater Public Awareness

- Online tools and social media



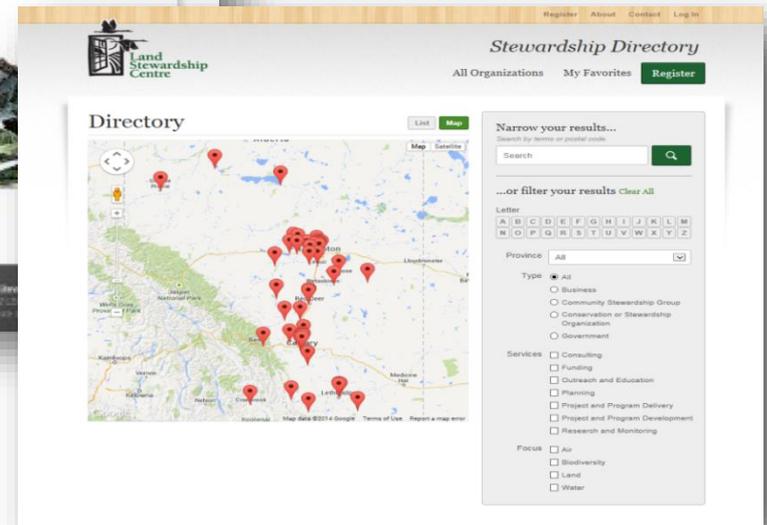
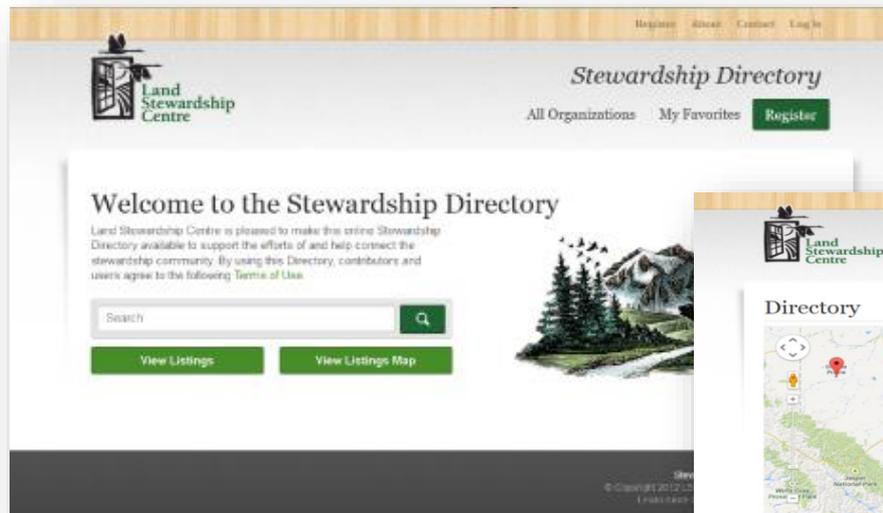
Funding for Stewards

- Watershed Stewardship Grant
 - Since 2006
 - 127 stewardship groups
 - \$1.7 Million
 - 298 projects



Information Access

- Stewardship Directory



Information Access

- Stewards in Motion – workshop series

Land Stewardship Centre is pleased to present:

Stewards In Motion

Connecting with municipalities to advance grassroots change

2012-2013
Regional Events



Free, interactive events, offering participants the opportunity to actively learn, share, and engage in collaborative dialogue across sectors.



An event is coming to a community near you:

Drayton Valley
November 29, 2012

Grande Prairie
January 31, 2013

Medicine Hat
Date coming soon

With more events to be announced

Event Details
All events will run from 9:00 AM - 3:00 PM

- Local presentations
- Keynote on municipal-stewardship linkages
- Interactive dialogue
- Group work

Who Should Attend
If you represent a:

- municipality
- watershed stewardship group or
- Watershed Planning and Advisory Council

Then join us to:

1. Discuss relevant local stewardship issues.
2. Connect with others who play a stewardship role in your community.
3. Access current information and expertise on stewardship.
4. Gain insight into stewardship work taking place locally.

Featuring keynote speaker Guy Greenaway of the Mistakis Institute, speaking on the intersection between municipalities and stewardship. Stewards in Motion is brought to you by **Alberta Stewardship Network**, a program of Land Stewardship Centre, in partnership with Alberta Ecotrust and Mistakis Institute.

Registrations open November 1, 2012 at www.landstewardship.org/stewards-motion/. For more information call 1-877-727-5276 ext. 222 or email asn@landstewardship.org.

Welcome to the

Stewards in Motion

Regional Events



Land Stewardship Centre

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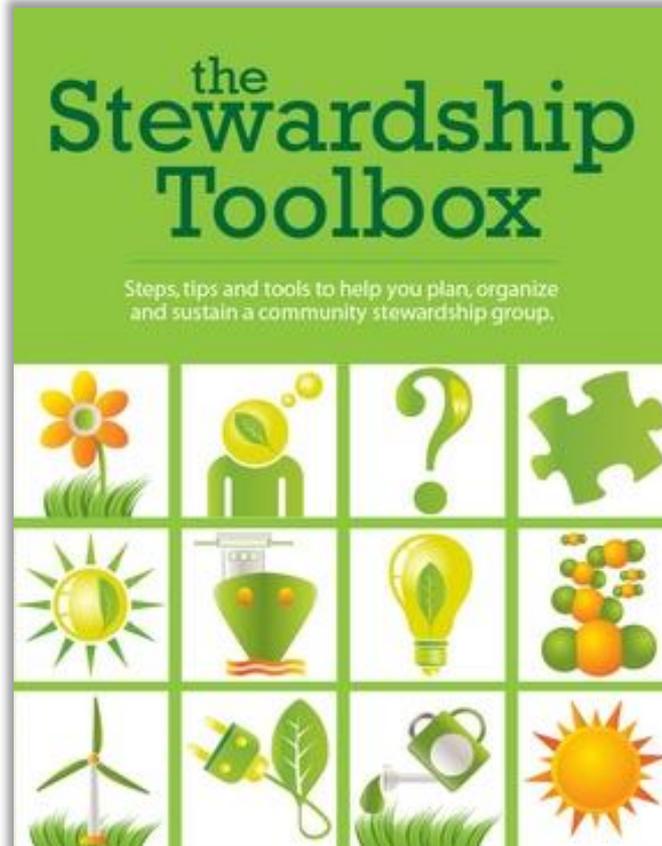


The Need

- Concise resource on where to begin with stewardship
- Best practices in developing solid foundations for groups
- Reinvigorate, refocus or reorganize a group



The Stewardship Toolbox



Partnerships are an important source of support for community stewardship groups. Developing effective working relationships with local organizations and relevant government agencies can help you achieve your goals and objectives. Partners you should consider working with include local municipalities, the Municipal Planning and Advisory Council (MPAC), in your area, provincial government representatives, local businesses and other stewardship organizations.

If your group is planning to undertake any projects on public land (municipal, provincial, or federal), it is important to get in touch with the relevant agency and make sure the work you want to do is appropriate and allowed. You may also want to find out if any management plans have been developed for the area you want to work in. Municipal plans can include Municipal Development Plans, Area Structure Plans, and Neighbourhood Structure Plans. There may also be provincial or federal plans related to species at risk, forestry, game management or other issues that you may need to consider. Work with the appropriate agencies from the start, invite them to attend your meetings, keep them updated on your work and learn from their expertise.

Assemble

How big is the problem or issue I'm trying to address and is there anyone else working on it?

If there is already a group in your area working on the same issue, you can consider joining them. Starting a new group in the same area as an existing group makes sense if you have a different focus or vision than existing groups. You can then work with existing groups to ensure you are complementing each other's work to maximize your impact.

Assess: Determining the Need

<TIPS>

IDENTIFY POTENTIAL PARTNER GOVERNMENT:

- What local government departments are you want to work with?
 - For example: Municipal planning departments are typically responsible for environmental services.
- What provincial or federal government areas you want to work with?
 - For example: Alberta Agriculture, Forestry and Rural Development; Ontario Forestry; Ontario Parks; Environment and Climate Change Canada; provincial forestry.
- Who is the appropriate key contact?
 - Is the agency willing to work with you?

Other organizations, groups and individuals:

- Do you know of any local or regional can provide support and advice? (e.g. Planning and Advisory Councils) (MPAC)?
- Are there another community group in similar issue or project?
- Do you know of any local citizens who are working in the area on their own?
- Are you aware of any research associated with the issue you are working on?
- Are there businesses operating in the your efforts, or that specialize in stewardship?
- Are you planning to connect with local businesses?

< 4 > The Stewardship Toolbox

<TOOLS>

www.StewardshipDirectory.com
Search this online directory to find other community stewardship groups, organizations, businesses and government agencies who are willing to share their experiences and lessons learned in stewardship and natural resource management. The directory can be searched by geographic location, organization type or focus, or your own search terms. It can show you what groups are active in your area, what issues they focus on and what type of work they do.



< 2 > The Stewardship Toolbox

stew•ard•ship
/stoo-erd-ship/
noun

Our collective responsibility to retain the quality and abundance of our land, air, water and biodiversity, and to manage this natural capital in a way that conserves all of its values, be they environmental, economic, social or cultural.

Land Stewardship Centre is a non-profit, charitable organization that enables people and organizations to become better stewards. Learn more at www.landstewardship.org.

We extend our appreciation for and dedicate this publication to all of the committed, grassroots stewardship groups and volunteers who contribute so much time, effort and knowledge to improving the environmental health of their communities.

Disclaimer
The information in this publication is written with a focus on the legislation of and available resources within the province of Alberta as of October 2014. For more information on local conditions and legislation in other jurisdictions, contact the appropriate agencies in your area. The intent of this document is to provide regulatory and procedural information only. This is not a replacement for regulatory documents and is not to be used or referenced as such. Land Stewardship Centre accepts no responsibility or liability for any error or damage that may occur or be incurred as a result of the information in, or arising from or based on, this document.
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The Need

- Address emerging environmental challenges
- Support industry and government policy intent
- Address, plan and action triple bottom line; environmental, social, economic objectives
- Enhance accountability of investments into environmental initiatives



Investment Framework for Environmental Resources

- INFFER
- 7 – step environmental decision support framework
- Spatially explicit asset based approach
- Natural asset identification & initial prioritization process
- Benefit:Cost ratio developed

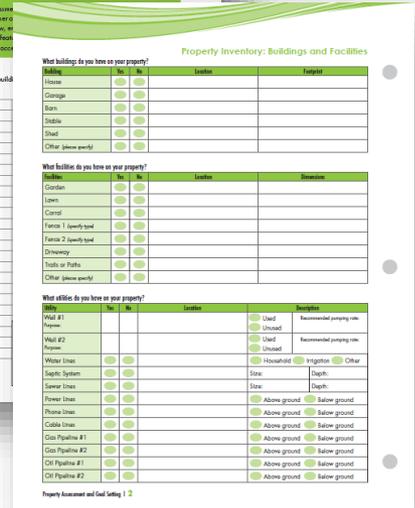
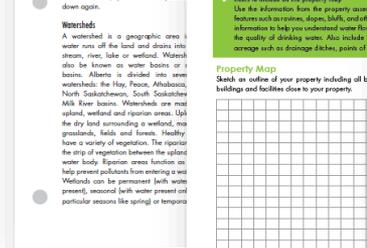
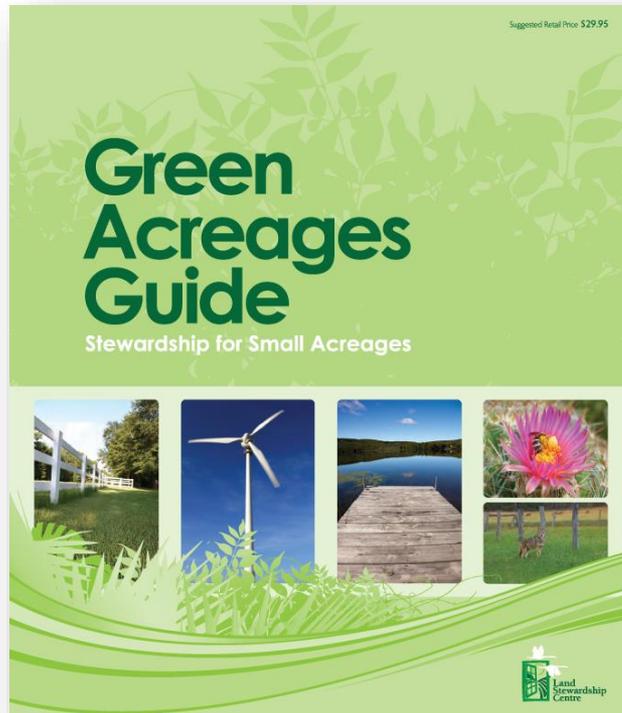


The Need

- Significant pressures on agricultural land close to urban centres
- Acreages represent an increasing proportion of rural landowners
- Often lack knowledge of farming and rural living
- Have a significant impact on natural resources
- Available educational resources are limited



Green Acreages Guide



The Need

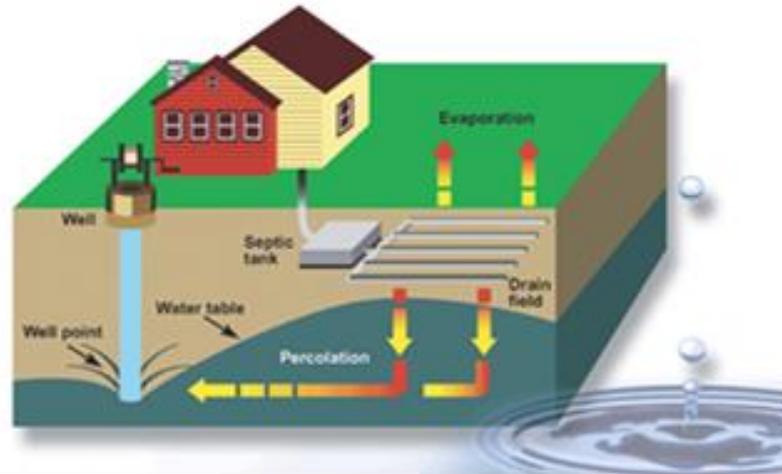
- Approx. 340 litres per person per day into private septic systems
- Rural residential landowners represent 14% of Alberta's population
- How they manage/maintain septic systems could have significant cumulative effects
- Limited resources and support for acreage owners on how to manage these systems



Septic Sense Workshop

How a Septic System Works

- Liquids disperse to the treatment field
- Solids settle out in sludge and scum layer



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Shared Services Model

- Natural alignment mandates
- Formal NA – LSC agreement
- LSC operational support
 - Executive oversight
 - Program planning/implementation
 - Marketing & communications support
- NA and LSC remain independent entities
- New and creative operational model



The Outcome

- Comprehensive program review
 - plan/implement/review
- Governance/oversight
- Functional support
 - Marketing
 - Communications
 - Outreach
 - Administration



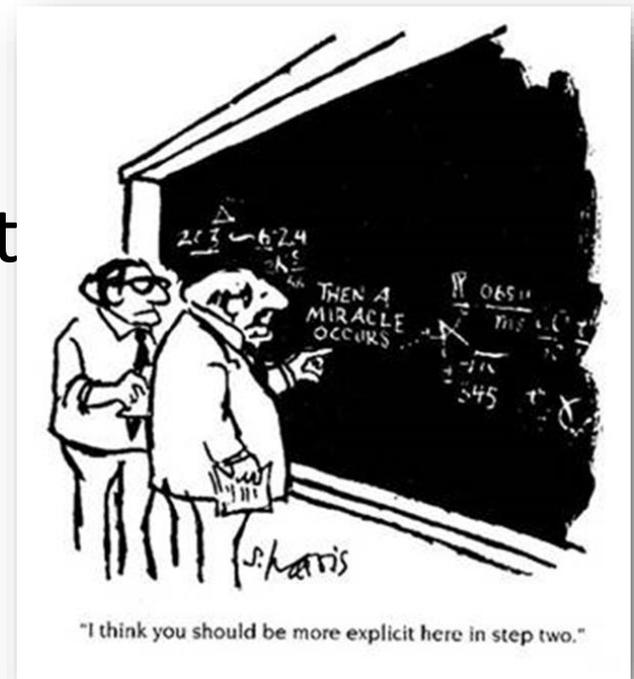
The Outcome – Core Programs

- Living by Water
 - 1:1 home site consultations
 - Self assessment resources
- Nature Kids
 - Kids (aged 5-13) & families
 - Materials & field experiences
- Bird Conservation
 - Important Bird Areas (IBA)
 - Birding events & resources



In Closing

- Needs driven programs
- Partnership approach
- Responsive to change
- Adaptive management
- Willingness to try



Land Stewardship Centre

www.landstewardship.org



Brian E. Ilnicki

brian@landstewardship.org

www.landstewardship.org



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