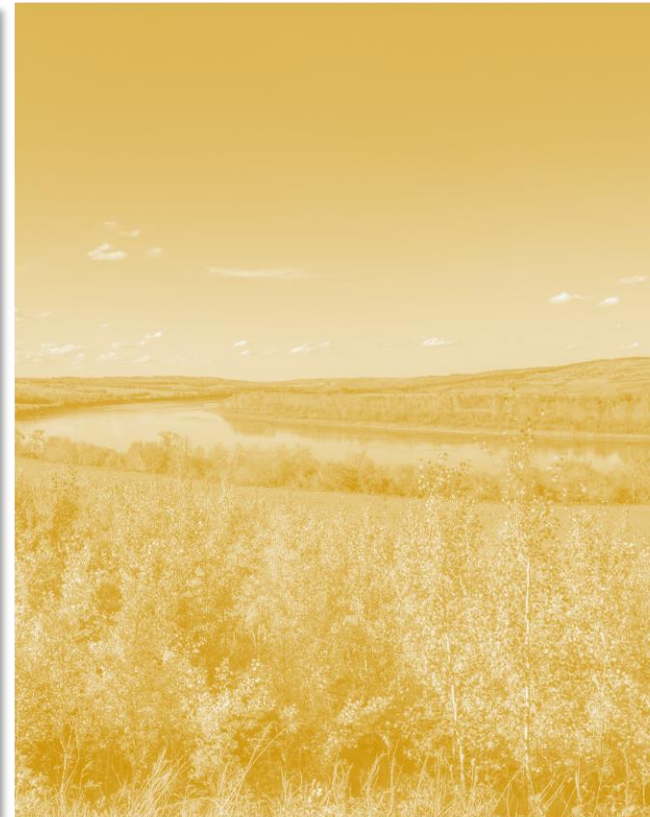


Watershed Planning in Alberta



Watershed Wednesday

March 2, 2022



WE ARE ALL TREATY PEOPLE

WHAT IS A TREATY?

A treaty is a binding agreement between sovereign states that outlines each party's rights, benefits and obligations.

Across Canada, there are 11 numbered treaties between the Crown and First Nations, with Treaties 6, 7 and 8 encompassing most of Alberta.

The two signatory groups had differing reasons for entering into these agreements. The British Crown, and later the Canadian government, wanted land for agriculture, settlement and resource development, so Crown representatives signed treaties in order to transfer land title from the Indigenous people to the British Crown, provisions for which had been set out in the Royal Proclamation of 1763.

For Indigenous people, treaties were built on an assumption of respectful, co-operative and bilateral relationship, and their provisions were expected to last "as long as the sun shines, the grass grows." The First Nations in the territory now known as Alberta were concerned about the spread of disease, such as smallpox, and the dramatic disappearance of the bison, a main food source. They believed that signing the treaties would ensure the survival of their people.

All treaties included the surrendering of large parcels of land to the Crown, with small parcels set aside for reserve. In many cases, the treaties were very disadvantageous to First Nations people, who often didn't understand the implications of what they were signing. Much reserve land was lost so dishonest deals with government agents. Band councils that were struggling economically were often coerced into selling off some of their land or signed deals that resulted in the loss of mineral and natural resources on their land.

With the signing of treaties, many aspects of First Nations life, such as the nomadic following of buffalo herds, were changed forever. First Nations lost the power to determine their own future and so have an equal role in building the province.

Today First Nations people view the treaties as a sacred covenant that applies to all the land in the treaty area, not just reserve land. "We are all treaty people" means we all have rights and obligations with respect to the treaty areas.

TREATY 6 — 1876

Treaty 6 was signed at Fort Carlton and Fort Pitt in Saskatchewan by representatives of the Crown and leaders of the Cree, Saulteaux, Nakota, Dene, Assiniboine and Ojibwa people. The treaty boundaries extend across central portions of present-day Alberta and Saskatchewan.

TREATY 7 — 1877

Treaty 7 was an agreement between Queen Victoria and several — mainly Blackfoot — First Nations in southern Alberta. The treaty was signed at Blackfoot Crossing on the Stikine Nation.

TREATY 8 — 1899

Treaty 8 was signed between Queen Victoria and various First Nations, including the Woodland Cree, Dene-métis (or Beaver) and Denesuline (Chipewyan) in northern Alberta and those in northern British Columbia, northwestern Saskatchewan and southern Northwest Territories.

Many First Nations were missed during the course of Treaty 8, which led to several land claims. Approximately 13 land claims have been settled and were still ongoing — the Lubicon Lake Nation and Bigstone Cree Nation.

MÉTIS

The advent of the fur trade in west central North America during the 18th century was accompanied by a growing number of offspring of First Nations women and European fur traders. As members of this population established distinct communities separate from those of First Nations and Europeans and married among themselves, a new aboriginal people emerged — the Métis people — with their own unique culture, traditions, language (Michif), way of life, collective consciousness and nationhood.

— Source: Métis Nation of Canada

The Canadian Constitution Act 1982 recognizes the Métis as one of three distinct aboriginal groups in Canada.



Walking Together

EDUCATION FOR RECONCILIATION

The Alberta Teachers' Association

The Alberta Teachers' Association is committed to supporting teachers in treaty education through the Walking Together: Education for Reconciliation on Professional Learning Project. For more information about Treaty 6, Treaty 7, Treaty 8, Métis or Inuit people, or the services and resources available through Walking Together, please visit www.teachers.ab.ca > For Members > Professional Development > Walking Together.

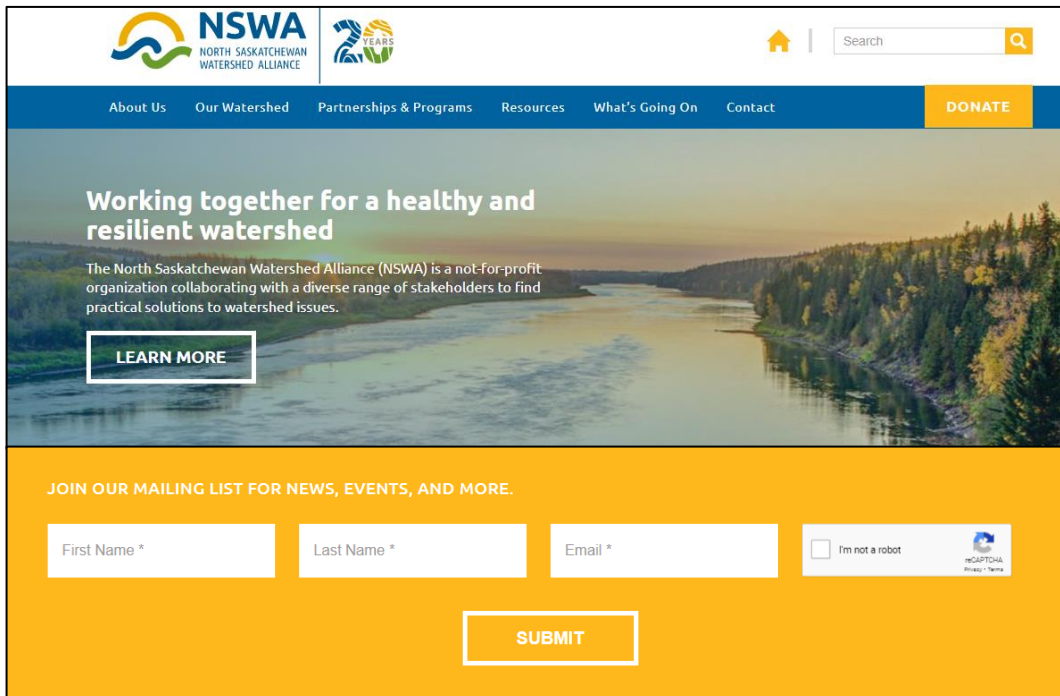


Watershed Wednesdays

- *Please keep your microphone muted and video off during the presentations*
- *If you would like to ask a question, please use the chat*
- *Questions will be addressed at the end of each presentation*
- *Poll Questions*



Watershed Wednesdays



The screenshot shows the NSWA website homepage. At the top left is the NSWA logo (North Saskatchewan Watershed Alliance) and a 20th anniversary logo. A search bar is located in the top right. Below the header is a navigation menu with links for 'About Us', 'Our Watershed', 'Partnerships & Programs', 'Resources', 'What's Going On', 'Contact', and a yellow 'DONATE' button. The main content area features a large image of a river and forest with the headline 'Working together for a healthy and resilient watershed'. Below this is a paragraph describing the organization and a 'LEARN MORE' button. At the bottom is a yellow banner for a mailing list sign-up with fields for 'First Name *', 'Last Name *', and 'Email *', a checkbox for 'I'm not a robot', and a 'SUBMIT' button.

nswa.ab.ca



The screenshot shows the 'IN STREAM NEWSLETTER NOVEMBER 2021'. It features the NSWA logo and social media icons at the top. The main content includes a 'WELCOME TO ALL NEWLY ELECTED OFFICIALS!' section with a photo of a river and a paragraph welcoming new councilors, reeves, and mayors. Below this is a 'FINAL WATERSHED WEDNESDAY WEBINAR for 2021' section with a video thumbnail and a paragraph about the webinar. A list of speakers is provided for December 1st, including Craig Emmerton, Steph Neufeld, and Sarah Depoe. The newsletter concludes with a 'REGISTER HERE' button.

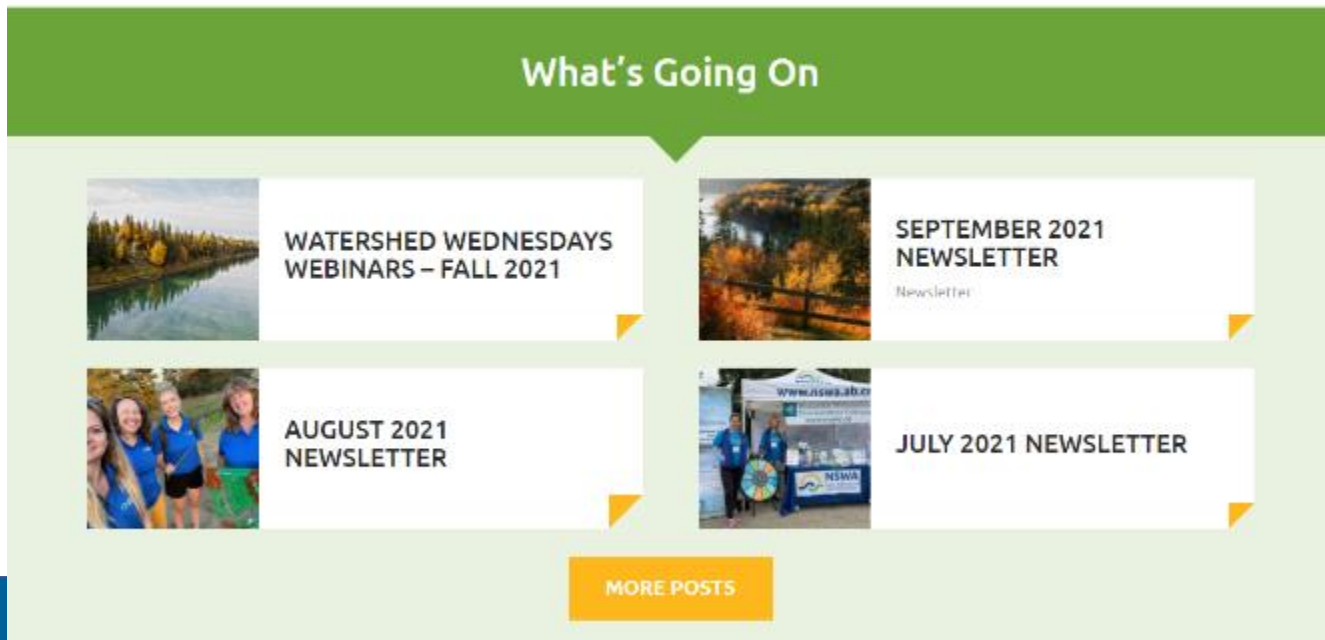
Watershed Wednesdays

February 2 – *Climate Change and Wetlands*

March 2 – *Introduction to Watershed Management*

April 13 – *Invasive Species Updates*

What's Going On



The screenshot shows a grid of four article cards. Each card has a small image on the left and text on the right. The cards are: 1. 'WATERSHED WEDNESDAYS WEBINARS – FALL 2021' with a landscape photo of a river. 2. 'SEPTEMBER 2021 NEWSLETTER' with a photo of a forest. 3. 'AUGUST 2021 NEWSLETTER' with a photo of three people. 4. 'JULY 2021 NEWSLETTER' with a photo of two people at a table. A yellow 'MORE POSTS' button is at the bottom center.

WATERSHED WEDNESDAYS
WEBINARS – FALL 2021

SEPTEMBER 2021
NEWSLETTER

AUGUST 2021
NEWSLETTER

JULY 2021 NEWSLETTER

MORE POSTS



Watershed Wednesdays

Watershed Gift Basket!

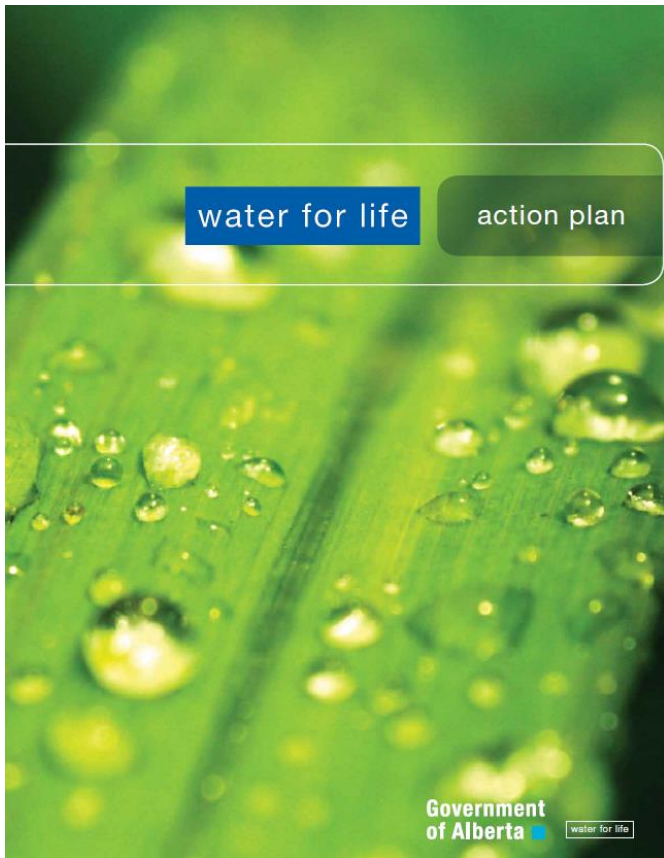


Watershed Planning in Alberta

- Alberta's *Water for Life Strategy*
- Key Watershed Partnerships
- Watershed Planning and Advisory Councils
- Watershed Planning Framework
- Examples of watershed projects across Alberta



Alberta's Water for Life Strategy

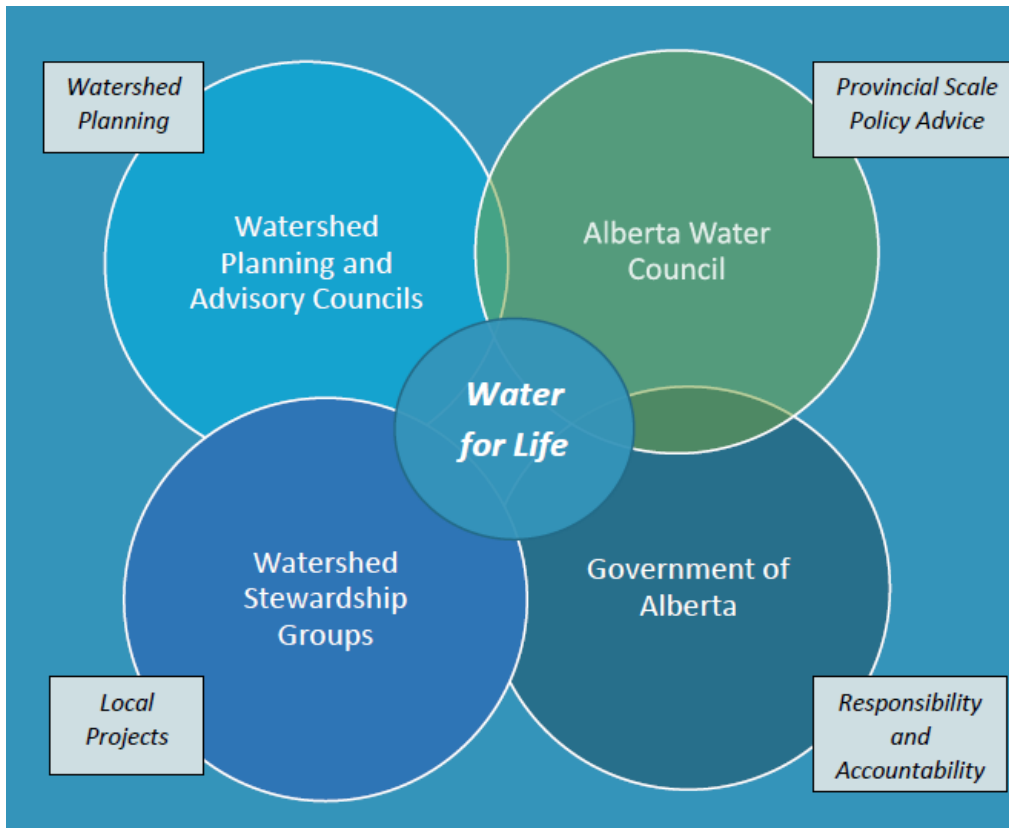


Water for Life Strategy

- *Safe, secure drinking water supplies*
- *Healthy aquatic ecosystems*
- *Reliable water supplies for a sustainable economy*



Water for Life Partnerships



Key Partnerships

- *Government of Alberta*
- *Alberta Water Council*
- *Water Planning and Advisory Councils*
- *Watershed Stewardship Groups*

www.alberta.ca/watershed-management-overview.aspx





“Watershed Planning and Advisory Councils (WPACs) are important stewards of Alberta's major watersheds.

They are independent, non-profit organizations that are designated by Alberta Environment and Parks to report on the health of our watersheds, lead collaborative planning, and facilitate education and stewardship activities.”

Alberta Environment and Parks

www.alberta.ca/watershed-planning-and-advisory-councils.aspx



2020-2021 Report and Brochure

Report on Alberta's WATERSHED PLANNING & ADVISORY COUNCILS

ALBERTA WPACs



2020

2021

Using collaboration, opportunity, and innovation to keep
Alberta's Watersheds healthy!

WATERSHED PLANNING & ADVISORY COUNCILS
Collaboration and Innovation in Watershed Management

ALBERTA WPACs

WHO WE ARE
HOW WE GOT STARTED
In 2003, the Government of Alberta created the Water for Life Strategy to manage and protect Alberta's water resources. The strategy emphasized collaborative partnerships including Watershed Planning and Advisory Councils (WPACs).

WATER FOR LIFE GOALS

- Safe, secure drinking water
- Healthy aquatic ecosystems
- Reliable, quality water supply for a sustainable economy

OUR ROLE AS WPACs

- We create opportunities for stakeholders to come together, share resources, and explore innovative solutions to water management challenges
- Each WPAC is a non-profit society guided by an elected Board of Directors representing stakeholders across the watershed
- Each of the 11 WPACs across the province are independently managed, though we work together on a number of initiatives

ALBERTA WPACs

WHAT WE DO: FOUR PROGRAM AREAS

EDUCATION & OUTREACH

- Create opportunities for public engagement
- Increase awareness of watershed management issues
- Ensure the public is aware of stewardship and other initiatives

MONITORING & REPORTING

- Fill knowledge gaps
- Inform stakeholders and the public on how we can protect our watersheds
- Maintain or improve water quality and aquatic ecosystem health
- User reports to inform land use planning and watershed management

OWNER & COLLABORATOR

- Maintain forums and create opportunities for perspectives, exchange information and stories about our shared watershed resources & responsibilities

PLANNING & POLICY

- Provide input on watershed management issues that affect quantity and quality of water, riparian areas, wetlands, and biodiversity
- Collaborate on water and land management planning activities with stakeholders and Indigenous communities

CONTACT US

BATTLE RIVER WATERSHED COUNCIL www.brwc-nswa.ca	NIAGARA WATERSHED ALLIANCE www.niagaraalliance.org
BOW RIVER WATERSHED ALLIANCE www.brwa.ab.ca	NORTH SASKATCHEWAN WATERSHED ALLIANCE www.nswa.ab.ca
LICA-ENVIRONMENTAL STEWARDS (LESVER RIVER WATERSHED) www.lica.ca	OLDMAN WATERSHED COUNCIL www.oldsmanwatershed.ca
LESSER SLAVE WATERSHED COUNCIL www.lswc.ca	RED DEER RIVER WATERSHED ALLIANCE www.rdrwa.ca
	SOUTH EAST ALBERTA WATERSHED ALLIANCE www.seawwa.ca

Photo credit: Dan 'N' Debbie from Dan 'N' Debbie Homes; Map credit: RiverStewards.org; ©NSA, OpenStreetMap (OSM), Creative Commons Attribution-NonCommercial-ShareAlike license; ©NSA, OSM, OpenStreetMap (OSM), Creative Commons Attribution-NonCommercial-ShareAlike license; ©NSA, OSM, OpenStreetMap (OSM), Creative Commons Attribution-NonCommercial-ShareAlike license

www.nswa.ab.ca/about-us/watershed-planning-advisory-councils/



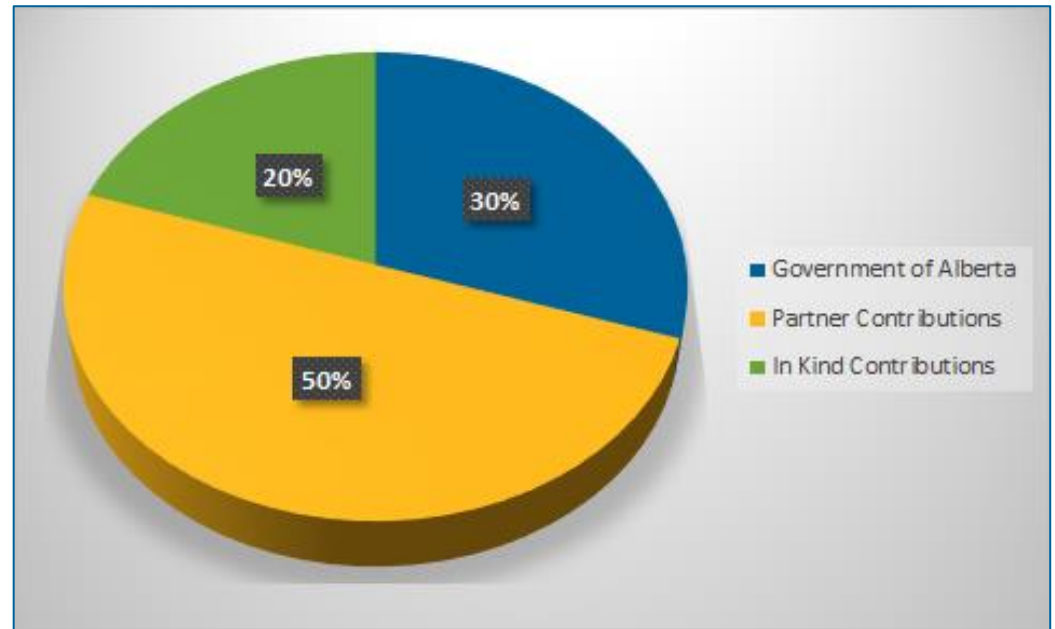
WPACs – Organizations

- All non-profit societies
- 40+ staff
- Multisector boards with over 150 volunteer directors
- Over 450 organizational and 2300 individual society members

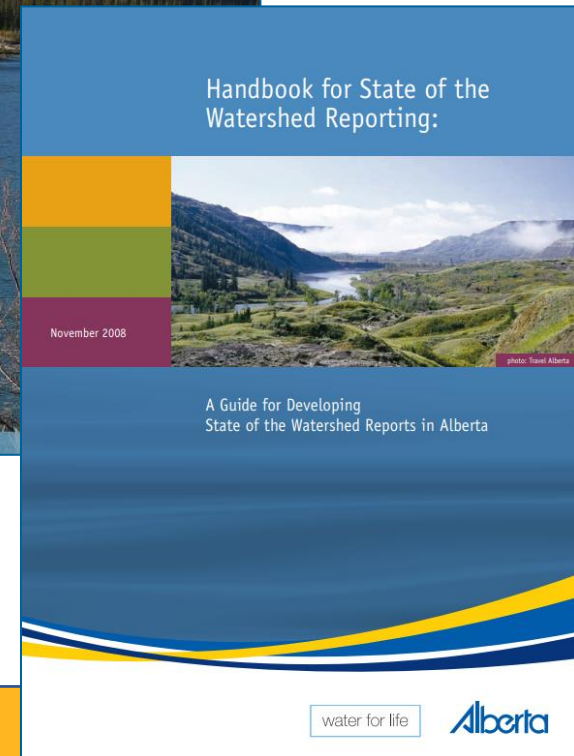
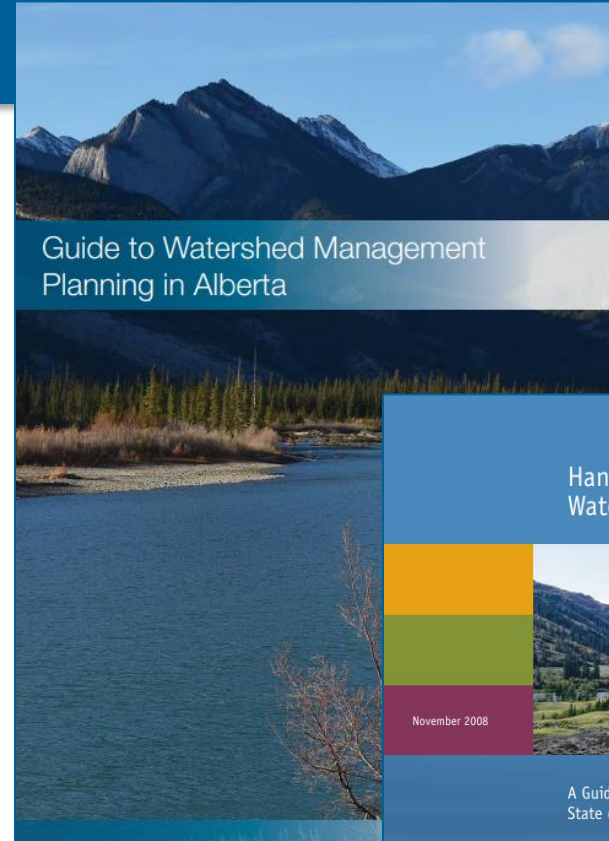
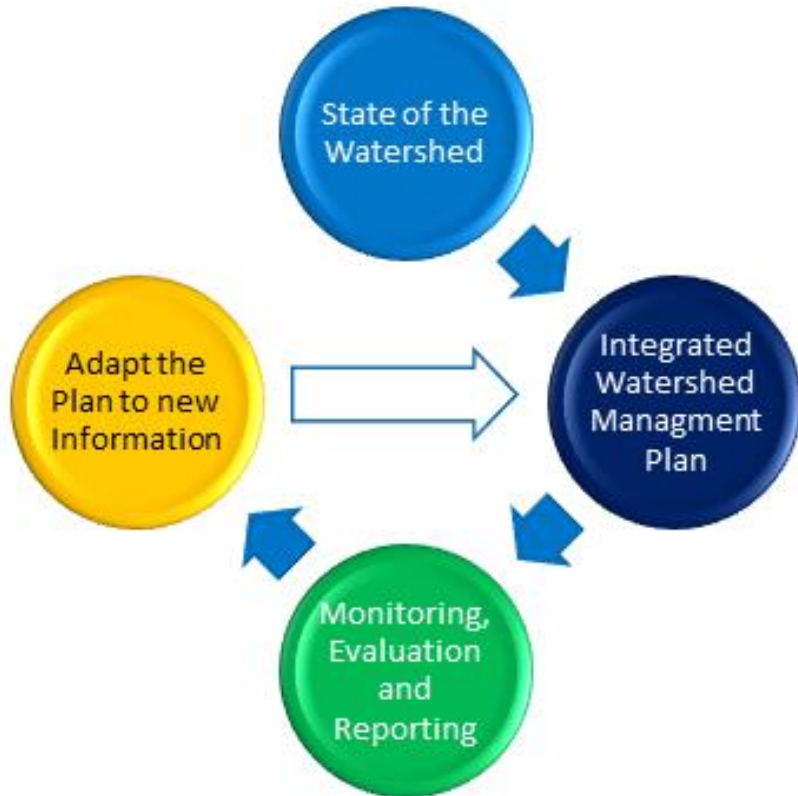


WPACs – Financial Support

- ~\$3.0 million provided by Government of Alberta
- ~\$2.0 million provided by in kind support
- ~\$4.0 million raised in grants and contributions that is injected into the provincial economy

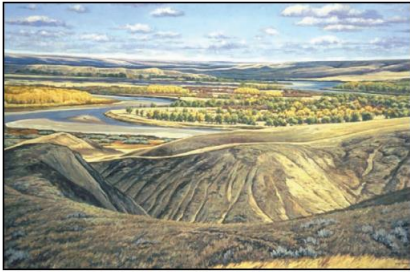


Watershed Planning Framework



www.alberta.ca/watershed-resources.aspx

Red Deer River State of the Watershed Report



April 01, 2009



Athabasca
WATERSHED COUNCIL

State of the
Athabasca
Watershed:
Summary Report

2018



Beaver River Watershed Alliance



Summary
Report

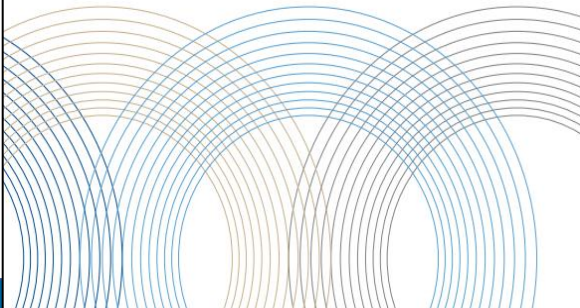
2013

The State of the
Beaver River Watershed

*This is our battle: the watershed we all share,
and the fight to maintain a healthy environment,
vibrant communities and a stable economy.*

OUR BATTLE

STATE OF THE BATTLE RIVER AND
SOUNDING CREEK WATERSHEDS REPORT 2011



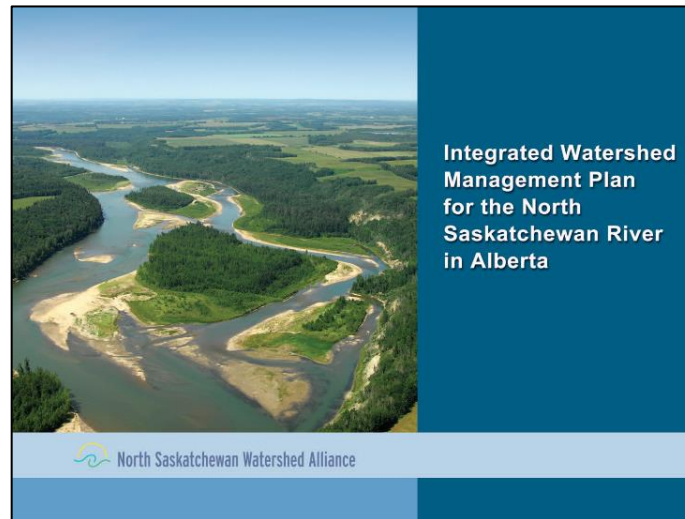
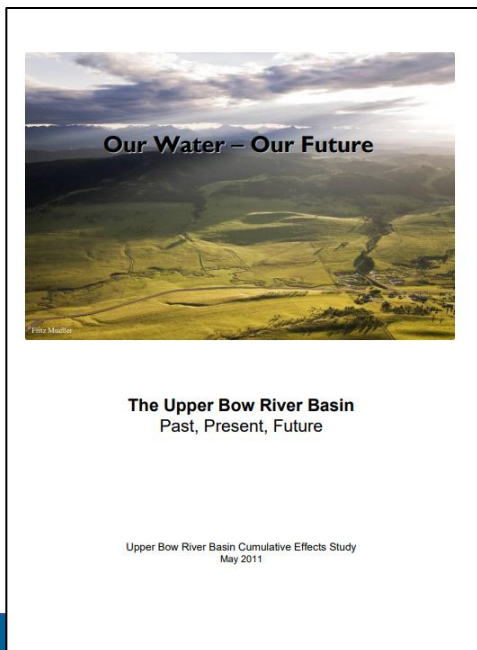
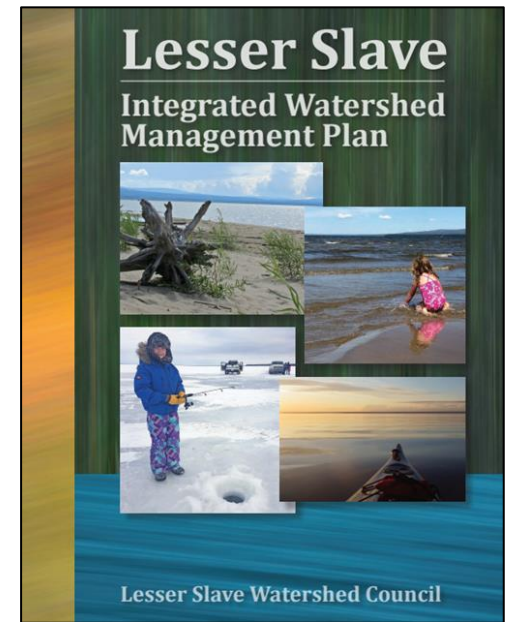
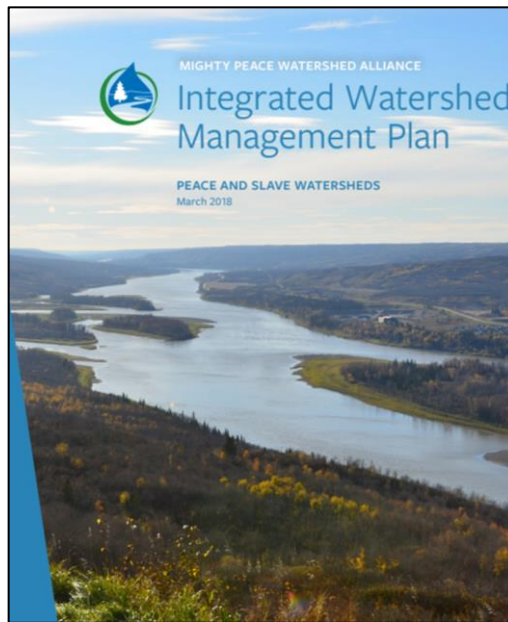
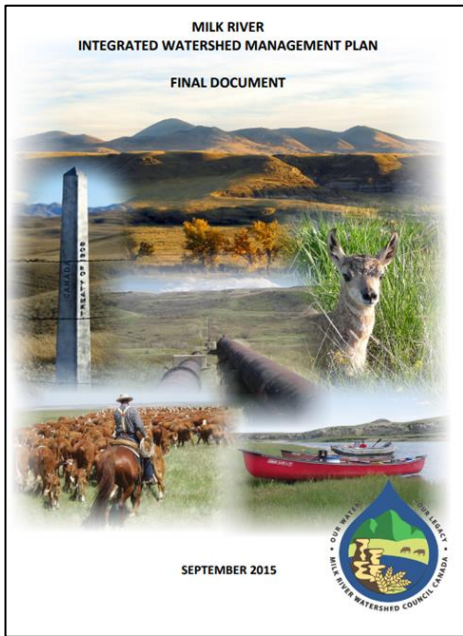
PRIORITIES FOR THE OLDMAN WATERSHED:
Promoting action to maintain
and improve our watershed

2011



oldmanbasin.org





Monitoring, Evaluation and Reporting



Lesser Slave Watershed 2020 Water Monitoring Report



Prepared for: Lesser Slave Watershed Council

Prepared by: Palliser Environmental Services Ltd.

April 15, 2021



THE PEACE WATERSHED

CURRENT AND FUTURE WATER USE AND ISSUES, 2011



MARCH 2012



Water Quality of Seven Persons Creek at Two Riparian Restoration Sites

Spring-Summer 2018

March 2021

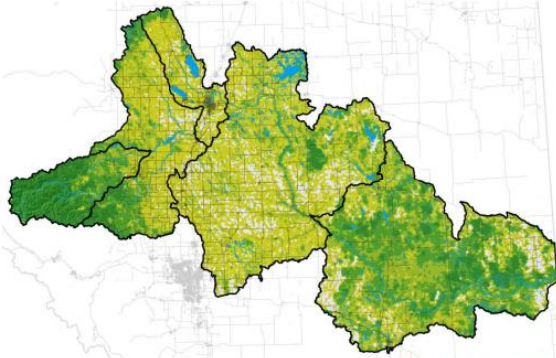
South East Alberta Watershed Alliance
Rm 41, 419 – 3rd St. SE, Medicine Hat, AB T1A0G9
www.seawa.ca executive@seawa.ca 403-580-8980



Monitoring, Evaluation and Reporting

Background Technical Report: Terrestrial and Aquatic Biodiversity

Prepared for the Red Deer River
Integrated Watershed
Management Plan

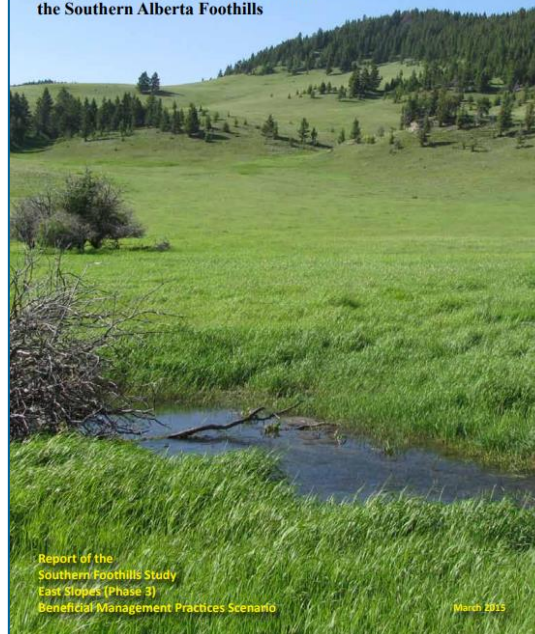


Prepared by: O2 Planning + Design Inc. (O2)
Prepared for: The Red Deer River Watershed Alliance (RDRWA)
in association with Alan Dolan Associates
August 25 | 2014



A Future Worth Protecting

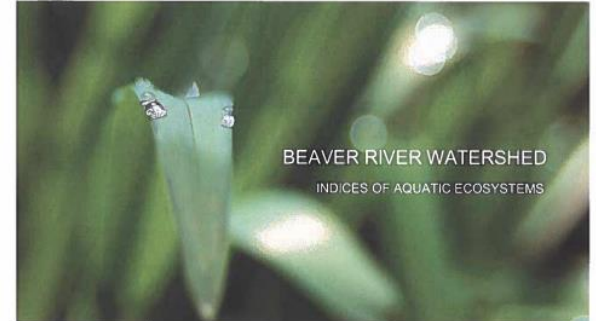
Beneficial Management Practices and
the Southern Alberta Foothills



Report of the
Southern Foothills Study
East Slopes (Phase 3)
Beneficial Management Practices Scenario

March 2015

BEAVER RIVER WATERSHED INDICES OF AQUATIC ECOSYSTEMS



Prepared for: Beaver River Watershed Alliance
Completed on: March 23, 2015

CPP
ENVIRONMENTAL
Charette
Pell
Pascente

#154 - 150 Chippewa Road
Sherwood Park, AB, T8A 6A2
P 780.570.5818



Monitoring, Evaluation and Reporting

The 2013 Great Alberta Flood: Actions to Mitigate, Manage and Control Future Floods



ALBERTA
waterSMART
Water Management Solutions

Final Version
August 2, 2013



info@albertawatersmart.com

WaterSMART Solutions Ltd.
#200, 3512 - 33 Street NW
Calgary, Alberta T2L 2A6
www.albertawatersmart.com

Lower Pembina Watershed Riparian Area Assessment

FINAL REPORT



Project #2012
June 2021

Prepared for:



Prepared by:



Summary of Groundwater Conditions in the Sturgeon River Basin



Clifford E. Lee Nature Sanctuary

By: Alex Oiffer, M.Sc., P.Geol.


January 2019



WPACs – Key Responsibilities

- ✓ *Conveners and Collaborators*
- ✓ *Monitoring and Reporting*
- ✓ *Policy and Planning*
- ✓ *Education and Outreach*



The background of the slide is a photograph of a vast field of white flowers, likely rapeseed, stretching to the horizon under a clear blue sky with a few wispy clouds. A dark blue rectangular box is positioned in the upper left quadrant, containing the title text. A vertical yellow bar is located on the far left edge of the slide, partially overlapping the blue box. A horizontal green bar runs across the bottom of the slide, below the blue box.

Conveners and Collaborators

Conveners and Collaborators

Maintain forums and create opportunities for all to share perspectives, exchange information and stories about our shared watershed resources and responsibilities.

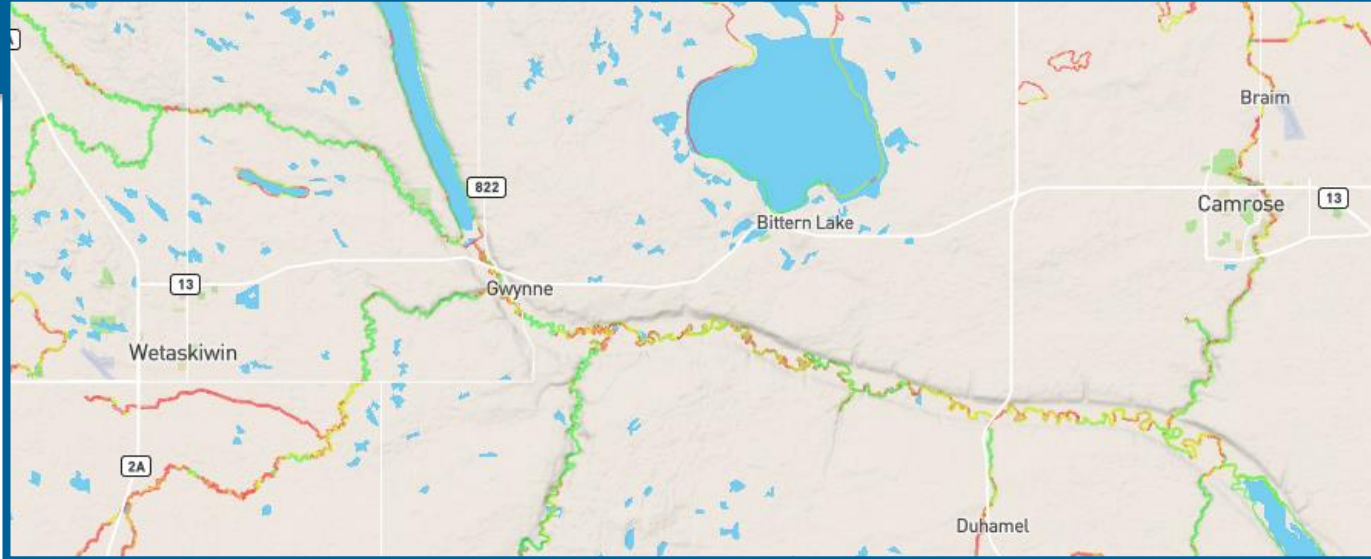


Conveners and Collaborators

- *Living Lakes Canada*
- 3-year pilot
- Aquatic monitoring program
- Community needs and resources
- Uses national CABIN sampling protocols
- 7 WPAC partners



Conveners and Collaborators



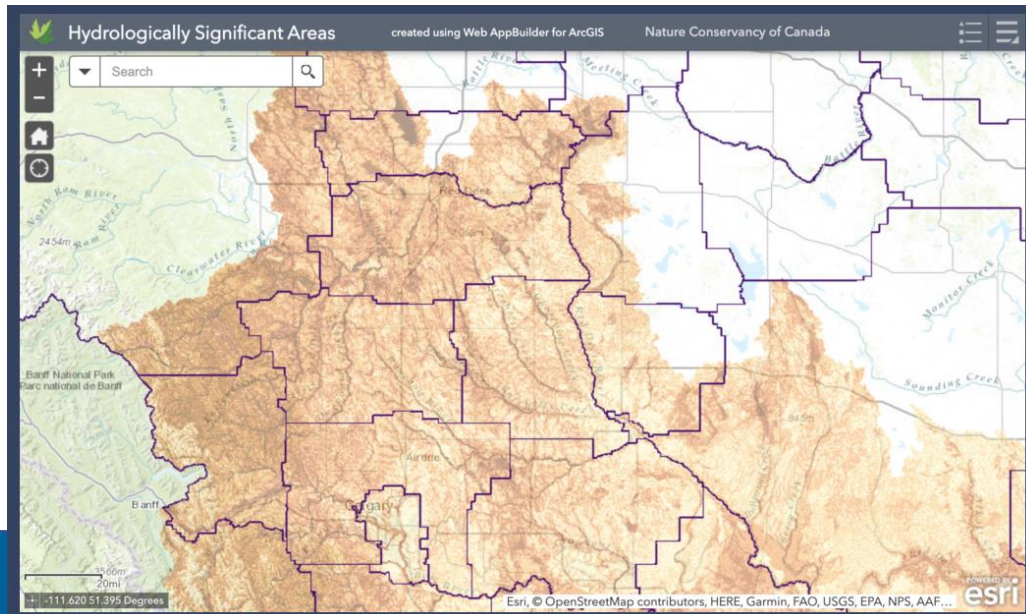
- Broad scale satellite assessment of riparian areas
- 25,000 km of shoreline
- Publicly accessible data
- 6 WPACs



Conveners and Collaborators

Mapping of Hydrologically Significant Areas

- Red Deer Watershed Alliance and Nature Conservancy of Alberta
- Builds on work done in Oldman and Bow watersheds



Conveners and Collaborators

- *South East Watershed Alliance Riparian Restoration Project*
- *Lesser Slave Lake Watershed Council Swan River Watershed Initiative*
- *Mighty Peace Restoration Project Group*



The background of the slide is a photograph of a vast field of white flowers, possibly rapeseed, stretching to the horizon under a clear blue sky with a few wispy clouds. A dark blue rectangular box is positioned in the upper left and center, containing the title text. A vertical orange bar is on the far left edge, and a horizontal green bar is at the bottom.

Monitoring and Reporting

Monitoring and Reporting

To fill knowledge gaps, WPACs undertake a variety of activities to collect data and information. This information is often utilized in state of the watershed reports, which in turn inform land and watershed management plans and support work by WPAC partners.



Monitoring and Reporting

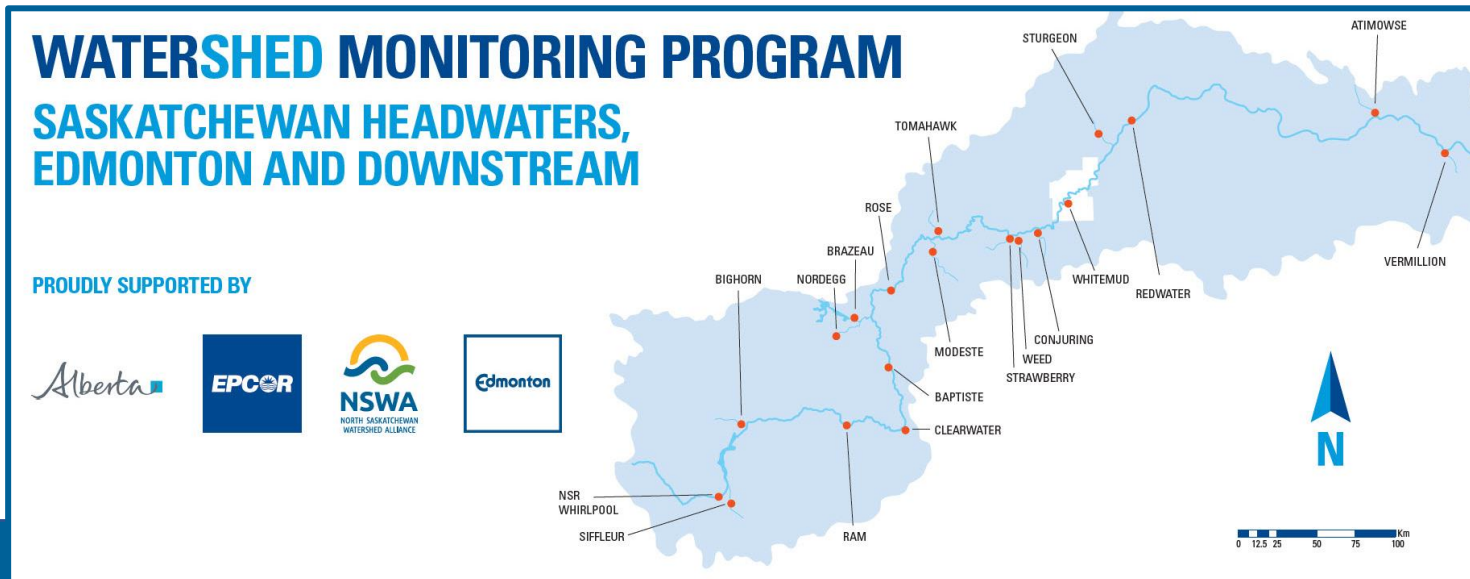
Lesser Slave Lake Water Quality Monitoring Project

- 5-year study
- 16 sites along five rivers
 - *Swan*
 - *Driftpile*
 - *East Prairie*
 - *West Prairie*
 - *South Heart*



Monitoring and Reporting

- 19 water quality monitoring stations on major tributaries of the North Saskatchewan River
- Study tributary inputs on water quality and impacts to drinking water



Monitoring and Reporting



Community-based Water Quality Monitoring within the LICA region

- Partnership with Alberta Lake Management Society
- 5 Lakes sampled in 2021
 - *Jessie*
 - *Marie*
 - *Minnie*
 - *Moose*
 - *Skeleton*



The image features a background of a vast field of white flowers, possibly rapeseed, under a clear blue sky with a few wispy clouds. A large, dark blue rectangular box is centered on the page, containing the text 'Policy and Planning' in white. To the left of this box is a vertical yellow bar. At the bottom of the slide, there is a horizontal green bar.

Policy and Planning

Policy and Planning



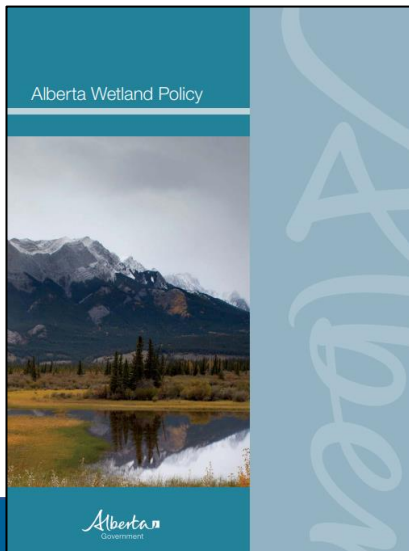
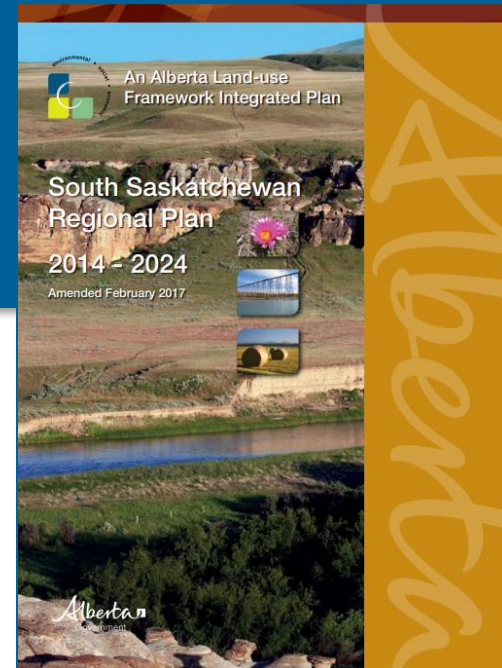
As knowledge-builders, WPACs can provide input and insight on watershed management issues through participation in water use management and planning activities with stakeholders. They can also lend this expertise to other regional, municipal and resource planning initiatives. Additionally, WPACs can provide a regional multistakeholder perspective to federal, provincial and municipal policy.



Policy and Planning

Government of Alberta Advice

- Regional Land Use Plans
- Wetland Policy
- Coal Policy
- Aquatic Invasive Species



Coal in Alberta

Coal mining has existed in Alberta since the late 1800s as a result of the expansion of railroads to Western Canada. Later, coal would become the primary source of electricity in Alberta. Today, the main interest in Alberta's coal is for export markets, including metallurgical coal.

Coal formations can be found underneath almost half of Alberta. Alberta averages 25 to 30 million tonnes of coal production each year.

Coal types

Three types of coal are mined in Alberta.

Subbituminous coal
 This type is found across the plains region of Alberta. Subbituminous coal is mainly used to generate electricity in Alberta and demand is expected to decrease as the province completes its transition away from coal-fired electricity. Alberta is on track to be fully transitioned from coal-powered electricity by the end of 2023, six years ahead of the federal target of 2030.

Thermal bituminous coal
 Thermal bituminous coal, from the Foothills region, is primarily exported after processing and is used to fuel electricity generators in distant markets, such as Asia. The higher energy content and corresponding monetary value of Alberta's thermal bituminous coal makes it possible to economically transport the coal over long distances.

Metallurgical bituminous coal
 Metallurgical bituminous coal, from the Mountain region, is exported after processing and is used for steel production.

COAL PRODUCTION		
Coal type	2016-17	Market
Metallurgical bituminous coal	2.8 million tonnes	Export
Thermal bituminous coal	6.1 million tonnes	Export
Subbituminous coal	18.9 million tonnes	Domestic
Total production	27.8 million tonnes	

A Coal Development Policy for Alberta
 A Coal Development Policy for Alberta came into effect in 1976. Alberta implemented the Coal Policy to manage the development of coal resources in a way that maximized the benefits to the resource owner – Albertans – while maintaining strict environmental protections.

The policy was rescinded, effective June 1, 2020, in an attempt to align coal management, including leases, with other commodities. In response to concerns raised by Albertans, government reinstated the policy in full on February 8, 2021.

As part of the reinstatement, direction was provided to the Alberta Energy Regulator to ensure that:

- No mountaintop removal will be permitted and all of the restrictions under the 1976 coal categories are to apply, including all restrictions on surface mining in Category 2 lands.
- All future coal exploration approvals on Category 2 lands will be prohibited pending widespread consultations on a new coal policy.

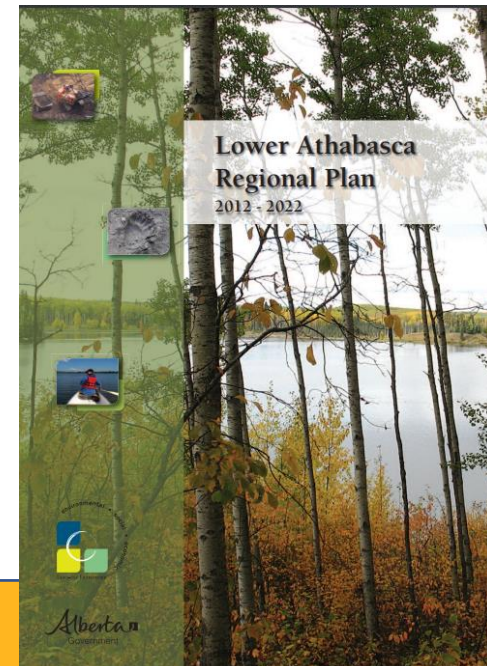
Coal categories

The scope of the Coal Policy is wide-ranging and includes, among other items, a land classification system. The policy divides the province into four categories that outline where and how coal leasing, exploration and development could take place.

- Category 1: National Parks, present or proposed Provincial Parks, Wilderness Areas, Designated Recreation Areas, Wildlife Sanctuaries, etc.
- Category 2: Parts of the Rocky Mountains and Foothills
- Category 3: Northern Foothills Region and eastern portions of the Eastern Slopes
- Category 4: Areas of the province not covered in other 3 categories.

A map of the coal categories, as well as exploration projects, advanced projects, and active mines is available on page 3.

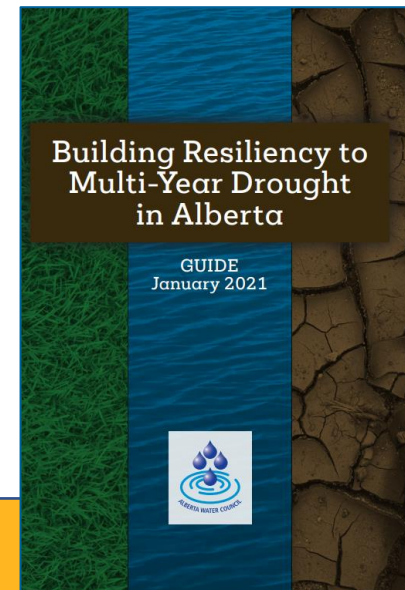
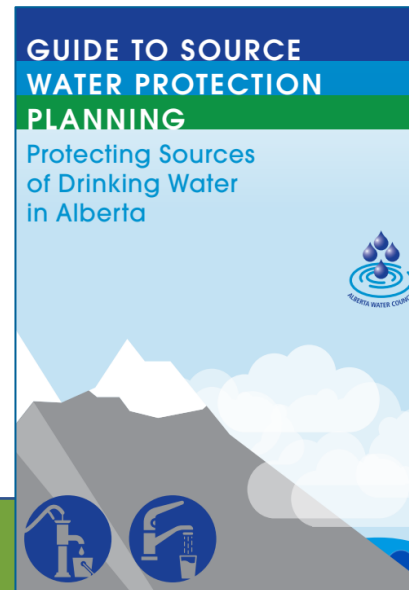
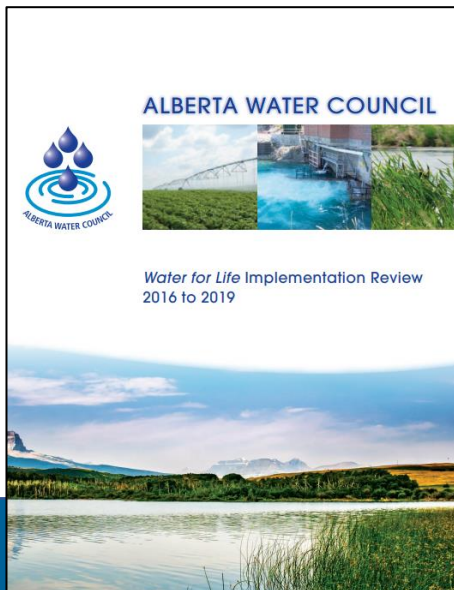
www.alberta.ca/coalengagement
 ©2021 Government of Alberta | March 26, 2021 | Energy



Policy and Planning


Alberta Water Council projects

- Water for Life Implementation Reviews
- Wetland Policy Implementation
- Protecting Sources of Drinking Water in Alberta
- Building Resilience to Multi-Year Drought

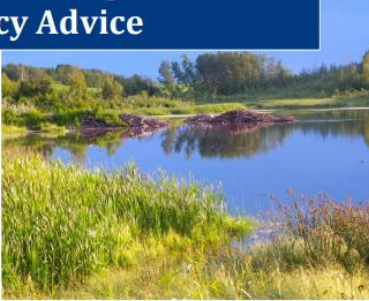


Policy and Planning

Watershed Management Plan:
Land Management Component



**Wetlands Management:
Policy Advice**




Wetland near Ferintosh, AB


*Serving the Battle River and
Sounding Creek watersheds
in Alberta*

Susanna Bruneau
Research & Stewardship
Coordinator
September 2017

**Planning Tools for the
Sturgeon River Watershed**




Submitted to:



March 20, 2019



Submitted by:



#605 10080 Jasper Avenue
Edmonton, AB T5J 1V9
Ph: 780.423.6824 Fax: 780.423.6840
email: armin@parioplan.com
www.parioplan.com

PROTECTING RIPARIAN AREAS:
Creative Approaches to Subdivision Development
in the Bow River Basin

A Guide for Municipalities, Developers and Landowners



Policy and Planning

BRBC Policy and Legislation Committee
Spring Workshop

Gravel Pit Impacts on Watershed Resilience- Approval Processes

Friday, March 12, 2021
9:00 am – 12:00 pm



Summary

The Policy and Legislation spring workshop about *Gravel Pit Impacts on Watershed Resilience – the Approval Process* was well attended by over 75 participants.

On behalf of the Board of Directors, Shirley Pickering welcomed everyone to the TEAMS call, and explained that the morning would introduce participants to the provincial and municipal gravel pit approvals processes from an operator's perspective. Shirley said that another workshop in April would address the science regarding impacts of gravel operations on watershed resilience. She invited all participants to join the second workshop and top ask as many questions of the presenters as possible.

Shirley's welcome was followed up by an overview of the issues and structure of the workshop by the Chair of the Policy and Legislation Committee. At this juncture, participants were invited to listen to the presentations by representatives from Alberta Environment and Parks, Regulatory Approvals, and from the Alberta Sand and Gravel Association and ask their questions through chat. At the end of the workshop, time permitting the questions would be posed to the presenters. If time ran out, we would circulate the questions to presenters and invite them to provide their responses after the workshop. The municipal approval process would be covered off briefly by the workshop Chair because the intended speaker was unavailable. Participants

APRIL
2020

GET THE FACTS

HYDRAULIC FRACTURING IN
THE RED DEER RIVER
WATERSHED

Prepared by: the Red Deer River Watershed Alliance



IMPLICATIONS OF THE 1976 COAL POLICY BEING RESCINDED

In May of 2020, the provincial government rescinded the *1976 Coal Policy*—a protective policy put in place by the government of Peter Lougheed which determined where open-pit coal mines were permitted and where they were not desirable. By rescinding this policy, the government opened up [category 2 lands](#) to coal exploration and potentially open-pit mining. Previously, these activities were generally not permitted. Other lands, including those designated as category 1, are still protected by a government order. Open-pit mining was already allowed on category 3 and 4 lands, but subject to assurances that the environment would be protected and reclaimed.

The proposed Grassy Mountain Coal Project is on category 4 lands, and as such, it is allowed to proceed through the application process. That means that—even if the 1976 Coal Policy was still in place—the project would be able to continue through the regulatory review process. Montem Resources' proposed reactivation of the old Tent Mountain mine is also on category 4 lands. Similarly, it is unaffected by the 1976 Coal Policy and can proceed through the permitting process. What this means, is that—regardless of the Coal Policy being in place or not—there could be two open-pit coal mines in Crowsnest Pass in the near future (contingent on regulators approving necessary permits and licenses).



The image features a background of a vast field of white flowers, possibly rapeseed, under a clear blue sky with a few wispy clouds. A large, dark blue rectangular box is centered on the page, containing the text "Education and Outreach" in white. To the left of this box is a vertical yellow bar. At the bottom of the page, there is a horizontal green bar.

Education and Outreach

Education and Outreach

WPACs excel in creating opportunities for public engagement, increasing awareness of watershed management issues, and ensuring the public is knowledgeable about what they can do as good stewards of the water resource.



Education and Outreach




- *Red Deer Documentary Series*
- *Mighty Peace Streambank Restoration Project*



Video Release December 15, 2020 @ 12:00-1:00PM

Streambank Restoration Project

Come celebrate this project with us!
Registration via EventBrite



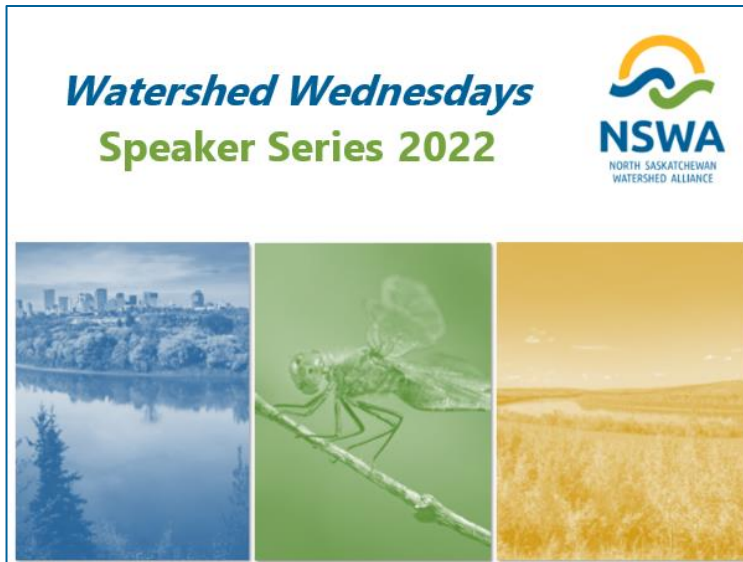
Education and Outreach

- *SEAWA Riparian Educational Tours*
- *LICA **Keep our Lake Blue** Campaign*



Education and Outreach

- *NSWA Watershed Wednesday Webinar Series*
- *Bow and SAIT Water Re-Use project forum*

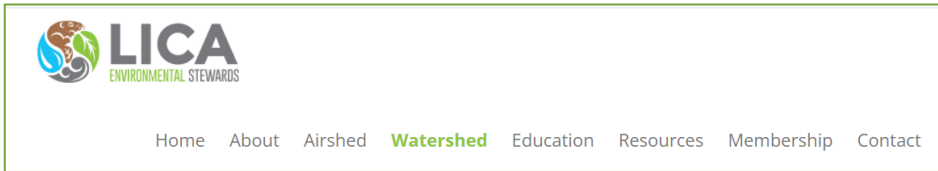


Integrated Water
Management



Education and Outreach

- Websites
- Annual Reports



Education and Outreach

- Newsletters
- Social Media




Lesser Slave Watershed Council
Working towards a healthy, vibrant, sustainable Lesser Slave Lake
Environmental Services - High Prairie, Alberta - 65 followers




Battle River Watershed
@battleriver Follows you

The #BattleRiverWatershed Alliance seeks to protect and restore the health of the Battle River and Sounding Creek environment, communities, and economies.



seawa YOUR CONNECTION TO THE WATERSHED
South East Alberta Watershed Alliance

Watershed News and Views Fall 2021



In this newsletter

- [The River in Winter](#)
- [Say Hello to Sydney](#)
- [Volunteer at SEAWA](#)
- [Controlling Reed Canary Grass](#)
- [Out and About With SEAWA](#)
- [Growing Cottonwoods](#)
- [Adopt-a-Pond Initiative](#)
- [From our Friends and Partners](#)
- [In Memoriam](#)



Bow River Watershed Council

Preserving Our Lifeline
working together to nurture, renew and protect the waters of the bow river basin.

Volume 21 | Issue 4
December 2021

2021 BRBC Board Retreat



BRBC Board at Ghost Crossing, September 2021. Photo Mike Murray.

After 18 months of seeing each other on the screen, the BRBC Board of Directors and staff were finally able to meet in person once again. The group met at the Ghost Crossing in September for the annual Board retreat.

The BRBC has completed a transition period and has new staff, energy and ideas. We have wrapped up major projects and are well positioned to take on new ones. There is a lot of positive energy moving forward into our next chapter. This retreat was imperative to reconnect and strategically plan for the future.

During the retreat, facilitated discussions engaged the Board in understanding the challenges we have all faced over the course of the pandemic, the positive aspects over the past 18 months, and what the Board sees as new opportunities for the BRBC.

The following areas of focus were identified as new or ongoing priorities. First, we plan to enhance our digital presence by updating and re-designing the website, improving our social media presence, and building up the BRBC's brand. Second, we will undertake an updated State of the Watershed assessment for the Bow Basin. This will be hosted completely online within a Geographic Information System (GIS) format, integrating other sub-watershed assessments as well. Third, we will continue collaborating with our

Continued on page 2

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- 1 2021 BRBC Board Retreat
- 2 The Bow River Fishery Partnership - State of the Watershed Report
- 8 Agenda December Forum



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E-News - January 2022

What's Inside

- Riparian Web Portal Training Offered
- Coal Policy Committee Status Update
- Protecting Land In Its Natural State
- Museum Showcases Ya Ha Tinda Exhibit
- Science Corner, Opportunities and More



RIPARIAN WEB PORTAL TRAINING
Planners and Project Managers in government, agriculture, & ENGO: Get the background and skills you need to use the data and contribute your riparian projects to this exciting new resource.

101: Dive into the Riparian Data: Our Intactness Project **102: Where Data Meets Action: Riparian Web Portal**



WPACs – Key Responsibilities



- ✓ *Conveners and Collaborators*
- ✓ *Monitoring and Reporting*
- ✓ *Policy and Planning*
- ✓ *Education and Outreach*



Thank you!

