

Alberta NAWMP Partnership

2015-2016 PROGRESS REVIEW

APRIL 2015 - MARCH 2016



Alberta
NAWMP
Partnership

*North American Waterfowl
Management Plan*



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PREFACE: AGENT FOR CHANGE, ADAPTOR TO CHANGE

The North American Waterfowl Management Plan (NAWMP) has turned 30! During the past three decades, NAWMP has contributed to impressive progress for wetlands both here in Alberta and across the continent. Most importantly, it has helped shift society's perspectives on wetlands – what were once considered wastelands are now recognized as essential components of healthy landscapes that sustain ecological and economic benefits to society.

Looking at Alberta NAWMP's achievements over those 30 years, I think one of our greatest strengths is our adaptiveness. An excellent example of our role as an agent of change – and of our adaption to the very changes we have helped bring about – is Alberta NAWMP's work to support development and implementation of a provincial wetland policy.

Until a few years ago, one focus of Alberta NAWMP was to encourage establishment of a wetland policy for Alberta. Then in 2013, the Government of Alberta approved a provincial wetland policy – the first of the three Prairie Provinces to do so!

Upon the policy's approval, the Government identified multiple 'system needs' to enable the policy's implementation. Those needs included: wetland inventories; a wetland value assessment system and tool; a certification system for wetland professionals; and wetland research, education and outreach activities.

The policy's approval triggered a series of actions by Alberta NAWMP. First, it helped promote awareness of the new policy. As that was accomplished, it quickly moved to help address two of the identified system needs: wetland inventories, and wetland value assessment.

Once those tasks were well in hand, Alberta NAWMP tackled another system need: wetland education and outreach. Intriguingly, the impetus to address this did not emerge through strategic analysis. Instead, it came from a 2015 Alberta NAWMP-hosted workshop. The attendees were from the Alberta NAWMP partners and associate agencies, like municipalities and watershed groups. When they were asked 'What is the best thing for us to collaborate on?', wetland education and outreach was a top choice. So a multi-stakeholder working group was formed to turn this kernel of an idea into a plan for action. The group's recommendations in March 2016 led to an Alberta NAWMP initiative to create a province-wide, voluntary Wetland Education Network.

In this *Progress Review*, we tell the story of the creation of the Wetland Education Network concept (see *A Collaborative Education Network*). We also feature a field tour and BBQ that brought together the partners and associates for a sunny fall afternoon that included visiting restored wetlands, networking and having fun (see *First-hand Experiences to Nurture Wetland Partnerships*).

We explore a policy-support initiative with a new twist in *Advancing an Innovative Idea*. Whereas most of Alberta NAWMP's policy-related projects involve identified system needs, this project seeks to develop an idea – regional wetland management objectives – for practical use.

In *What's Driving Duck Community Patterns?*, we introduce a study funded in part by Alberta NAWMP. This research aims to better understand what might be driving the changing trends in waterfowl communities in Prairie Canada.

And *In the Heart of a Waterfowl Haven* highlights a beautiful wetland complex that recently joined the growing number of habitat conservation lands secured by Ducks Unlimited Canada in east-central Alberta.

On behalf of Alberta NAWMP, I am pleased to present the *Alberta NAWMP Partnership 2015-2016 Progress Review*. I thank all who have contributed to our many initiatives this past year and who continue to embrace change and help us adapt for an effective future.

Travis Ripley

Chair, Board of Directors, Alberta NAWMP Partnership



NAWMP IN ALBERTA

The North American Waterfowl Management Plan (NAWMP) is a landmark partnership between Canada, the United States and Mexico for habitat conservation to sustain continental waterfowl populations. Since its creation in 1986, NAWMP has regularly updated its Plan. The 2012 NAWMP Revision, the latest version of the Plan, is energizing NAWMP's current efforts across the continent.

NAWMP's continental vision defines and prioritizes geographic regions based on their biological values for waterfowl and other wetland-associated birds. Its initiatives address regional and continental priorities, using a coordinated, collaborative approach at local, regional, national and international levels.

NAWMP achieves its goals through voluntary regional partnerships that implement local actions. The Prairie Habitat Joint Venture (PHJV) is the regional NAWMP partnership with responsibility for prairie, parkland and boreal landscapes in western Canada.

From its beginning in 1986, the PHJV has been guided by a series of Habitat Implementation Plans. The 2013-2020 PHJV Habitat Implementation Plan is aligned with the 2012 Revision of the international plan, the latter remaining focused on conserving waterfowl populations and their key habitats but also engaging hunters, other conservationists and the general public. As well, the 2013-2020 PHJV plan widens the scope of the PHJV's efforts to formally include the Western Boreal Forest Region in all of the PHJV's work. And the plan increases attention on other bird groups, while maintaining the PHJV's enduring commitment to waterfowl conservation.

The PHJV includes provincial NAWMP partnerships in Alberta, Saskatchewan and Manitoba. Alberta NAWMP's activities are guided and inspired by the Alberta component of the PHJV's 2013-2020 plan.

Alberta NAWMP is a partnership of three government and two non-government organizations. It is directed by a Board of Directors and a Management Committee, which are advised by Policy Support and Communications committees. The members of these committees are drawn from the five partner agencies.

Alberta NAWMP coordinates joint projects, communications, planning and policy support, and it facilitates funding options among the partners. It supports the partners through technical and logistical assistance and by advancing innovative ideas.

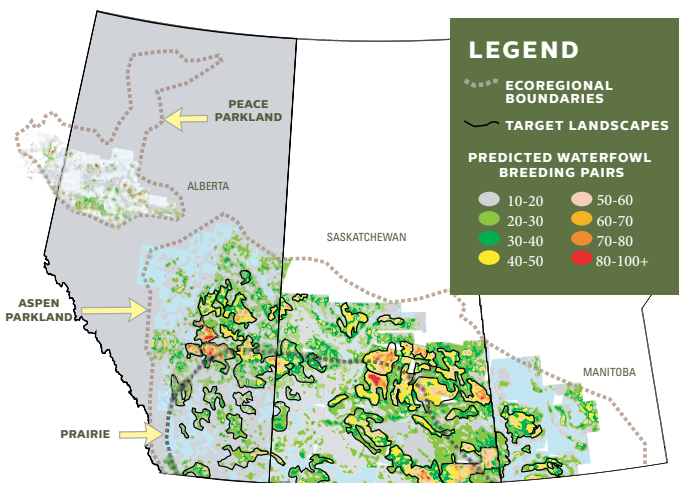
ALBERTA NAWMP (PHJV) VISION

Healthy prairie, parkland and boreal landscapes that support sustainable bird populations and provide ecological and economic benefits to society.

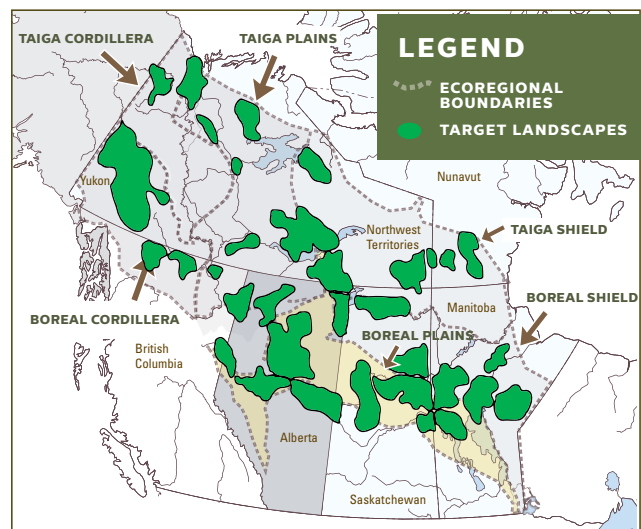
ALBERTA NAWMP (PHJV) MISSION

Provide leadership to achieve healthy and diverse waterfowl and other bird populations through conservation partnerships. These partnerships strive for sustainable and responsible management of the landscape taking into account social, economic and environmental factors.

PRAIRIE/PARKLAND TARGET LANDSCAPES



WESTERN BOREAL FOREST TARGET LANDSCAPES



WHO IS ALBERTA NAWMP?

If you want to go far, go together. That idea is the cornerstone of Alberta NAWMP. Its strength, creativity and innovativeness – and its resulting success – come from the synergy of working together.

Alberta NAWMP is a partnership of one federal and two provincial government departments and two non-government agencies that all have a responsibility for Alberta's wetlands as part of their mandates. The five organizations continually seek opportunities to work with each other and with regional and municipal agencies and other stakeholders. These collaborative networks enhance existing wetland stewardship efforts and launch new initiatives that otherwise might not happen.

Together, the Alberta NAWMP partners and their collaborators are 'going far' toward shared conservation goals.

How wetland landscapes relate to each partner agency's roles, objectives and responsibilities:

GOVERNMENT

The Alberta Ministry of Agriculture and Forestry includes the Department of Agriculture and Forestry and a number of agencies, boards and commissions. Among the ministry's core business activities are providing the framework and services necessary for the protection, conservation and sustainable management of forests and enabling environmentally responsible and economically competitive forestry, agriculture and agri-food industries in Alberta and its global marketplaces.

Alberta Environment and Parks, as proud stewards of air, land, water and biodiversity, will lead the achievement of desired environmental outcomes and sustainable development of natural resources for Albertans.

Environment and Climate Change Canada strives to preserve and enhance the quality of the natural environment, including water, air, soil, flora and fauna, conserve Canada's renewable resources, conserve and protect Canada's water resources, and coordinate environmental policies and programs for the federal government.

PRIVATE, NON-PROFIT

Ducks Unlimited Canada (DUC) is a registered charity that has over 75 years of experience in wetland conservation and restoration. DUC partners with government, industry, non-profit organizations and landowners to conserve wetlands for the benefit of society, waterfowl, other wildlife, and the environment.

Nature Conservancy of Canada, in partnership with corporations, governments, individual donors and landowners, works to achieve the direct protection of Canada's most important wild spaces through property securement and long-term stewardship of these properties. This work maintains critical lands and waters for wildlife and ensures clean air and water for our future generations.

ALBERTA NAWMP PARTNERSHIP COMMITTEES

2015-16

Board of Directors

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Ron Borge (Outgoing Chair), Alberta Environment and Parks
Bob Demulder, Nature Conservancy of Canada
Len Kryzanowski, Alberta Agriculture and Forestry
Perry McCormick, Ducks Unlimited Canada
Travis Ripley (Incoming Chair), Alberta Environment and Parks

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Barry Bishop, Ducks Unlimited Canada (Prairies)
Roger Bryan, Alberta Agriculture and Forestry
Jason Caswell, Alberta Environment and Parks
Alain Richard, Ducks Unlimited Canada (Boreal)
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Thorsten Hebben, Alberta Environment and Parks
Glenn Mack, Alberta Environment and Parks
Tracy Scott, Ducks Unlimited Canada
Chad Willms, Alberta Environment and Parks

Communications Committee

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Glenn Gustafson (Chair), Alberta Environment and Parks
Caitlin Jackson/Amber Medynski, Environment and Climate Change Canada
Paul Jungnitsch, Alberta Agriculture and Forestry
Cathy MacKenzie, Ducks Unlimited Canada

Coordinator

Michael Barr

IN THE HEART OF A WATERFOWL HAVEN

A beautiful wetland complex has recently been added to the growing number of habitat conservation lands secured by Ducks Unlimited Canada (DUC) in NAWMP's Vermilion/Viking Priority Area.

The property is composed of two side-by-side half sections on the south side of the Grizzly Bear Coulee in east-central Alberta. "This NAWMP Priority Area has some of the highest densities of nesting pairs for all duck species that you'll find anywhere in North America," says Bryon Wolters, the DUC Conservation Specialist who secured both parcels.

The northern half section, which DUC purchased in March 2014, is called the Grizzly Bear Wetland. This 320-acre parcel has one large wetland surrounded by 58 small basins, remarkably covering about 100 acres in total – nearly a third of the parcel's whole area! The rest of the parcel included 45 acres of native parkland and 175 acres in annual crops.

In accordance with the landowner's wishes, DUC will own this half section in perpetuity. The purchase was made possible with funding from Canada's Natural Areas Conservation Program and Husky Canada, plus funds under the U.S. North American Wetlands Conservation Act (NAWCA).

To restore the parcel's upland habitat, DUC has seeded the cropland to perennial forage. Starting in 2017, DUC will initiate grazing and haying tenders on the land.

DUC's Alberta head of conservation programs Barry Bishop says, "The purchase of this half section secures, restores and protects critical wetland and upland habitat. The purchase also complements and builds on other nearby habitat conservation projects."

In March 2016, DUC purchased the southern half section, further expanding the conservation lands in this NAWMP Priority Area. This parcel consists of about 310 acres. Like the northern parcel, about a third of the area is occupied by wetlands, with 52 small intact wetlands (83.5 acres) and six drained wetlands (5.5 acres). Covering the rest of the parcel was 13 acres of native parkland, 30 acres of perennial forage (under a DUC forage agreement) and 177 acres in annual cropland.

"Because some of the wetlands had been drained, there was a wetland restoration opportunity. So I proposed this as a Revolving Land Purchase [RLP]," notes Wolters.

Bishop explains, "Under our RLP program, we acquire a parcel of land, then we restore the drained wetlands and enhance the upland habitat. Next, we place a conservation easement on the land title; that's a legal agreement to preserve the land's conservation attributes. We then resell the property at market value conditional on acceptance of the easement. Then we use the proceeds from that sale to buy another property and restore its habitat, and so on." Funds for the Grizzly Bear RLP project were contributed from several sources: the RLP program for the purchase, NAWCA for the easement, and Alberta Environment and Parks for restoring the wetlands.

By the summer of 2016, DUC had already restored the drained wetlands and seeded the annual cropland to perennial forage on the Grizzly Bear RLP parcel.

"What I really like about this is that a whole section is now secure in this hot target zone for breeding ducks. And by selling the Grizzly Bear RLP parcel to farmers for haying and grazing – while retaining its conservation value through the easement – we keep the money flowing to conserve more properties," says Wolters.

"The two Grizzly Bear Coulee projects protect and restore over 600 acres of prime habitat in the heart of this waterfowl haven, enabling the landscape to perform its natural functions forever. We'll always be able to enjoy the waterfowl, wildlife and biodiversity that goes with it all."



FIRST-HAND EXPERIENCES TO NURTURE WETLAND PARTNERSHIPS

On a sunny Friday afternoon in September 2015, Alberta NAWMP held its annual fall habitat tour. The 2015 tour brought together people from many agencies to visit an inspiring, collaborative wetland restoration project.

“Each fall, we seek a fun and informative way to reconnect Alberta NAWMP committee members with each other and the work we are focused on: wetlands! In 2015, we also extended the invitation to colleagues of the committee members, people in the project’s three partner agencies, and representatives of local municipalities,” says Michael Barr, Alberta NAWMP Coordinator.

The project is taking place on land designated for grazing within a multi-use provincial park called the Cooking Lake-Blackfoot Provincial Recreation Area – the ‘Blackfoot PRA’ for short. After a tasty NAWMP-hosted BBQ lunch in the park, the tour participants heard presentations about the project and hiked to see some of the new restoration work.

“When the land was developed for grazing in the 1980s, over 200 wetlands were drained,” notes Terry Krause with the Parks Division at Alberta Environment and Parks (AEP). “If we knew back then what we know today about the importance of wetlands, I am certain we would not have drained so many. Fortunately, we now have this opportunity to put water back onto the landscape.”

Ducks Unlimited Canada (DUC), Alberta Parks and some members of the Blackfoot Grazing Association have teamed up in this project to bring the drained wetlands back to life. DUC is keen to restore the wetlands because of the landscape’s excellent waterfowl habitat potential. The grazing association members are interested in ensuring a sustainable landscape for grazing. And the project is a great fit with Alberta Parks’ role as the public steward of this landscape.

“This project enables Alberta Parks to improve the overall environmental performance of the park, with benefits going to all parties – wildlife, recreationists, grazers and so on,” explains Krause, who was one of the presenters on the tour. For the producers, wetland restoration could improve grazing capacity; many of the restored wetlands are seasonal or temporary, and these naturally irrigated basins have the potential to produce substantial amounts of late-season grazing.

With its many wetlands in various stages of restoration, this large-scale, publicly accessible project is perfect for demonstrating wetland restoration for the NAWMP tour – and for tours with local producers.

One of the municipal representatives on the tour was Brenda Wispinski, Executive Director of the Beaver Hills Initiative for Strathcona County. This initiative has over 20 member organizations all focused on sustaining the Beaver Hills, a landscape designated as a Biosphere in 2016 by the United Nations. The Beaver Hills encompasses five counties and several parks including the Blackfoot PRA. Wispinski says, “Over 50% of Strathcona County’s land base is in the Beaver Hills and most in private ownership. The lands are used primarily for grazing and there are areas where wetlands could be restored. The wetland restoration project in the Blackfoot PRA demonstrates practices that producers in the Beaver Hills and the rest of the County might consider for restoring wetlands on their properties while maintaining grazing.”

Both Krause and Wispinski are hopeful the Alberta NAWMP tour might lead to further partnering opportunities for wetland restoration.



The 2015 fall habitat tour visited restored wetlands in the Blackfoot PRA.

Krause says, “Sustainability is about optimizing many different values – social, economic, environmental and so on – and people from various walks of life and different agencies all have slightly different perspectives, values, goals and priorities. This kind of gathering enables people to establish common values; our differences diminish and common interests pull us together. The tour was a chance for real, in-situ experiences, which can be very powerful, and a chance to expand one’s own perspective and knowledge, and build community that could translate into future collaborations.”

AEP’s Travis Ripley, Alberta NAWMP Chair and tour participant, adds, “This was a great event showcasing the diverse professional community coming together as partners to value, promote and help restore our wetlands.”

A COLLABORATIVE EDUCATION NETWORK

The foundation has been laid for a collaborative, province-wide Wetland Education Network to enhance wetland stewardship education in Alberta.

“Creating a voluntary wetland education network was the brainchild of attendees at an Alberta NAWMP workshop in February 2015,” explains Michael Barr, Alberta NAWMP Coordinator. “The network will apply NAWMP’s signature approach of creating synergies among people and good initiatives already happening. The proverbial sum of the parts is once again about to become something greater.”

That 2015 workshop was co-hosted by the Alberta NAWMP Communications Committee and the Land Stewardship Centre of Canada. The workshop participants were all people involved in wetland stewardship issues. They knew that many agencies were working independently on wetland stewardship outreach activities and resources. They also recognized that a collaborative approach could result in clearer, more consistent and coordinated messaging, as well as the potential for cost-savings, improved efficiencies and the boost in inspiration that comes from working together.

So a Working Group was formed in September 2015 to flesh out the idea of a community of practice for wetland education. The 12 members represented various government and non-government agencies with an interest in wetland stewardship education and outreach, and included several people from the Alberta NAWMP Communications Committee. Consultant Petra Rowell was coordinator for the group’s efforts, and Alberta NAWMP was sponsor.

The group inventoried current wetland education programs, tools and resources, and looked for areas of overlap and gaps in the coverage.

“We definitely found some gaps and opportunities. We had some materials, but we were missing some audiences, and some of the resources needed to be updated,” says Glenn Gustafson, a member of the Working Group and Chair of the Alberta NAWMP Communications Committee.

These findings led the Working Group to recommend setting up the Wetland Education Network. The group proposed that the network’s organizational framework should involve a Steering Committee, a Coordinator, and four sector-specific Action Groups (Agriculture, Municipal, Industry and General Public).

In March 2016, the Working Group presented its recommendations to an Alberta NAWMP Wetland Forum. The attendees, who were people from agencies with an interest in wetland stewardship, backed those recommendations.



The Steering Committee will include members of the Alberta NAWMP Communications Committee and possibly the leads from each of the Action Groups. Each Action Group will be composed of people from the relevant sector and will be tasked with tracking the current state of wetland education in the sector, summarizing the sector’s needs, developing new collaborative resources as required, and contributing to an effective e-platform to enable coordination within and between sectors.

“This network would be a meeting of the minds to try to ensure that we develop resources and materials for all aspects of wetland education, working very collaboratively, trying to ensure that the right players are at the table, that we’re not duplicating efforts, and that we’re meeting information needs,” explains Gustafson, who is Manager of Regional Education and Outreach at Alberta Environment and Parks.

He adds, “Personally, I hope this network will be the go-to place for everyone who is active in wetland education in Alberta. I hope it will make it easier to get good information, to access tools and programs – I hope it will make wetland education easier. I’d like it to be a place where we can work together, explore ideas further, and collaboratively develop products that are the best they can be for all our target audiences.”

The network’s Coordinator position was filled in summer 2016, and the Steering Committee and Action Groups will be formed later in 2016-17.

ADVANCING AN INNOVATIVE IDEA

Alberta NAWMP supports the five partners in their wetland-related responsibilities across policy, science and communications. Its policy help has usually come as *technical support* through tools, data and knowledge, and *logistical support* through personnel and expertise. Now a new way to help has emerged: *innovation support* through developing an idea for practical use.

In this instance, the idea is regional wetland management objectives. The term was used in the South Saskatchewan Regional Plan developed under Alberta's Land-use Framework. But the means and information needed to set such objectives remained undefined, leaving planners and decision-makers unsure about how to follow through on the concept.

"Many Alberta provincial, watershed and municipal planning and policy initiatives acknowledge that wetlands are important contributors to desired ecosystem service (ES) outcomes related to water quantity, water quality and biodiversity. But to actually achieve the desired outcomes, these initiatives need to be able to set specific, accurate, measurable objectives about wetland numbers, locations and types," explains Alberta NAWMP Coordinator Michael Barr.

So in 2015-16 Alberta NAWMP initiated the Setting Regional Wetland Management Objectives Project to help advance this vital concept.

As a first step, Alberta NAWMP commissioned Terra Simieritsch of Lilium Consulting to complete several tasks. She assessed the policy context by scanning the relevant Alberta legislation, regulations and policies, she gathered insights from knowledge leaders, and she completed a North American-wide review of what had been done elsewhere.

The results of this work were shared at an Alberta NAWMP-hosted workshop in May 2015. The participants, including people from the partner agencies and other stakeholders, strongly supported the concept and continuation of the project.

So Alberta NAWMP, assisted again by Simieritsch, held a workshop in February 2016 with key planning and policy staff in Alberta to further develop the concept.

The participants envisioned a nested approach to setting regional wetland management objectives, with broader initiatives determining overall goals and/or processes, and finer scaled initiatives filling in detailed action items. They thought that such objectives should be developed collaboratively and that the concept would need to be sanctioned by government at a higher strategic level to make it a reality. The participants also supported the use of scientific models to determine the relationships between regional wetland characteristics and specific ES outcomes.

"Setting wetland management objectives has no set template or process to follow so the project requires innovative ideas being put forward by wetland leaders," says Chad Willms, Central Planning Lead with the Regional Planning Section of Alberta Environment and Parks (AEP). "The Alberta NAWMP Partnership is well positioned to bring together wetland experts to work on complex tasks. In this case, Michael Barr recognized a provincial need and assembled a team ready and capable to tackle this work."

"I think one of the project's biggest accomplishments has been to transform an abstract idea into a tangible concept that people felt could proceed to some type of action," says Simieritsch. "Another accomplishment has been to engage people in collaborative dialogues on how wetland objectives could be created and implemented in a more intentional way."

Willms notes, "Regional wetland management objectives will provide additional direction and clarity to planners and decision-makers in the South Saskatchewan Region, and will provide a regional context on how the Alberta Wetland Policy applies. This work also supports cumulative effects management that is being advanced under the Land-use Framework."

"The Alberta Wetland Policy is very focused on high-level provincial objectives; it doesn't provide the necessary spatial resolution to support wetland conservation and restoration decisions at a more localized scale," explains Thorsten Hebben, Head of AEP's Surface Water Policy Section. "The establishment of more detailed objectives at the regional, municipal and local scales will be instrumental in enabling informed, robust management decisions that reflect the needs and desires of affected stakeholders, including municipalities, stewardship groups, private landowners, First Nations, and the provincial government."

In 2016-17, Alberta NAWMP will continue to work on bringing this innovative concept to fruition.



WHAT'S DRIVING DUCK COMMUNITY PATTERNS?

With the return of wetter conditions after the Prairie drought of the 1980s and early 1990s, some dabbling duck species bounced back and others really took off. But some struggled to recover. Now a study is testing three ideas proposed to explain these patterns. The study's findings could provide crucial information for conservation programs and other actions to help key duck species.

"Gadwall, blue-winged teal and northern shoveler have increased dramatically, perhaps more than can be explained by impressive increases in pond abundances. Mallard increases seem to be tracking with ponds quite well in most places. And pintail are remaining relatively stable," notes Bob Clark, a Research Scientist with Environment and Climate Change Canada (ECCC) who is the study's research supervisor.

One idea the study is evaluating is that shifts in the distribution of some duck species may be causing their breeding populations to rise in some areas of the mid-continent and drop in others. The second idea is that climate trends may be benefiting some species more than others. And the third is that land-use/habitat changes may be benefiting only certain species.



Climate trends since 1980 have favoured some duck species, but not northern pintail.

Amelia Raquel, a Master's student at the University of Saskatchewan, is leading the study. Her analysis involves long-term data from Canadian and U.S. waterfowl surveys and studies, climate data, and land-use data. Plus the research team collected additional field data on land use and duck populations in 2015.

The results so far indicate that the species patterns are not due to redistribution. Clark says, "No population increases in blue-winged teal, northern shoveler or gadwall within the Canadian prairie-parkland coincide with a decrease elsewhere, or vice versa. The populations of all species – including mallards and pintails – seem to increase or decrease almost everywhere in the same year."

On the other hand, climate trends do appear to be a determining factor. "Scientists have known for some time that ducks tend to nest earlier in warmer springs. In our study, we're finding that it's the combination of warmer, wetter conditions in the wintering areas and warmer spring conditions that promotes earlier nesting in all species, except pintail," explains Clark. "For pintails, winter conditions have no detectable effect on breeding dates."

This climatic effect on timing of nesting is very important because earlier nesting tends to result in higher nesting success and/or a higher number of young ducks surviving into the fall – again with the exception of pintails.

Overall, spring temperatures have trended upward in the Canadian prairie-parkland region since 1980. Although precipitation has increased, parts of the western Prairies have become drier due to increasing evaporation with the higher temperatures. So, in general, the climate trends have tended to favour teal, shoveler, gadwall and possibly mallard, but not pintail.

Nesting success in pintails is not related to any factor the researchers have looked at so far. The current leading hypothesis to explain pintail's failure to rebound is that they do not avoid nesting in crop stubble. Since the early 1980s, Prairie farmers have increasingly retained crop stubble to minimize soil erosion and conserve soil moisture. Virtually all females fail to produce a brood when nesting in stubble because seeding equipment destroys most nests and because stubble provides poor cover to hide from predators. Clark notes, "While this hypothesis is very reasonable, we're conducting this study to check if other possibilities are playing a role."

The research team expects to complete the land-use/habitat change analysis by the end of 2016.

This study is funded by a research fellowship from the University of Saskatchewan, a fellowship from Ducks Unlimited Canada's Institute for Wetland and Waterfowl Research, and Alberta NAMWP.

"Understanding what is driving these population changes will help us in many ways," says Alberta NAWMP Coordinator Michael Barr. "The most obvious are in adapting conservation programs to help species of concern and/or in adding to the urgency of calls to action for policy and practice change to prevent unwanted landscape or climatic outcomes."

COMMITTEE REPORTS, 2015-16

BOARD OF DIRECTORS

Members are director-level executives from each partner agency. They are responsible for: defining Alberta NAWMP's vision, mission, goals and strategies; directing medium-term implementation plans; approving annual work plans and budgets; and ensuring accountability for work plans and budgets. They also facilitate information exchange and engagement opportunities between their own agency and Alberta NAWMP.

The Board of Directors met in May and November 2015, and March 2016. At the May meeting, they reviewed and approved the 2015-16 (FY16) Work Plan and Budget and had an information session on conservation offsets. The November meeting featured a progress review of the FY16 Work Plan and Budget, as well as addressing a strategic communication change and initiating planning for the March 2016 Executive Breakfast Meeting. The March meeting immediately followed the Executive Breakfast Meeting and focused on assessing its strategic value and reviewing a FY16 Work Plan and Budget report.

Travis Ripley (with Alberta Environment and Parks) formally assumed the role of Alberta NAWMP Board Chair in fall 2015.

MANAGEMENT COMMITTEE

Members are senior managers from each partner agency who facilitate integration of operational opportunities between their own agency and Alberta NAWMP. This Committee shares responsibility with the Alberta NAWMP Coordinator for project-based decision-making and expenditures established in annual work plans and medium-term implementation plans.

The Management Committee met twice in 2015-16. At the April 2015 meeting, members developed the FY16 Work Plan and Budget for Board review. The October 2015 meeting addressed progress and made decisions on multiple items in the FY16 Work Plan and Budget. The Management Committee, in consultation with the Science Committee of the Prairie Habitat Joint Venture, has responsibility for deciding which science projects to fund. In 2015-16, two projects were supported: the final year of a Ducks Unlimited Canada-led project on understanding Boreal landscape change impacts; and year 1 of a study to understand changes in duck species composition on the Prairies (see *What's Driving Duck Community Patterns?*). The Committee supplemented its meetings with numerous conference calls.

Roger Bryan (with Alberta Agriculture and Forestry) joined the Management Committee during 2015-16.

COMMUNICATIONS COMMITTEE

The Communications Committee leads information sharing, event hosting and promotion among Alberta NAWMP partner agencies and beyond. Members are typically communication experts from each partner agency.

The Communications Committee had five meetings and many conference calls during 2015-16. It assumed a new and significant role of overseeing two working groups initiated in fall 2015. These groups addressed two priorities for active collaboration: municipal engagement and wetland education (see *A Collaborative Education Network*). The Committee hosted an Alberta NAWMP Wetland Forum in March 2016, which tested recommendations from the wetland education group. The Committee also supported updates of abnawmp.ca, hosting of the fall tour (see *First-hand Experiences to Nurture Wetland Partnerships*) and the March Executive Breakfast Meeting, and preparation of Alberta NAWMP's annual *Progress Review*.

Caitlin Jackson and Amber Medynski (both with Environment and Climate Change Canada) joined the Communications Committee during 2015-16.



POLICY SUPPORT COMMITTEE

The Policy Support Committee members monitor relevant policy, planning and program developments in their agencies and advise on opportunities for Alberta NAWMP support. Members are usually senior policy specialists within the partner agencies.

The Policy Support Committee met three times during FY16. In May and October 2015, the Committee continued or initiated policy projects identified in the FY16 Work Plan and Budget. The spring 2016 meeting assessed progress on tasks in the FY16 Work Plan and Budget and set out new tasks for the following year. FY16 projects included: continued support for development of the Alberta Wetland Rapid Evaluation Tool; completion of *Alberta's Wetlands: A Law and Policy Guide*; an initiative to identify key wetlands for avian biodiversity in Alberta; and a second hosted conversation on the utility of setting regional wetland objectives (see *Advancing an Innovative Idea*).

Fred Hays (with the Alberta Beef Producers) joined the Policy Support Committee in 2015-16.

CONTRIBUTIONS TO NAWMP IN ALBERTA, 2015-16 AND 1986-2016

AGENCY TYPE	AGENCY	2015-16 ^a TOTAL	1986-2016 ^a CUM. TOTAL
CANADIAN CORPORATIONS		\$625,046	\$19,733,878
CANADIAN EDUCATION INSTITUTIONS			\$300,279
CANADIAN FEDERAL GOVERNMENT	Agriculture and Agri-Food Canada		\$38,532,523
	Canadian federal - unspecified		\$484
	Environment and Climate Change Canada - Canadian Wildlife Service	\$849,481	\$39,572,898
	Environment Canada - EcoAction 2000		\$8,276
	Environment Canada - Habitat Stewardship Program		\$3,655,828
	Environment and Climate Change Canada - Natural Areas Conservation Program	\$65,237	\$25,706,955
	Fisheries and Oceans Canada		\$3,000
	Human Resources and Skills Development Canada		\$18,761
	Millennium Bureau of Canada		\$1,120,100
	Natural Sciences and Engineering Research Council of Canada		\$194,736
	Parks Canada		\$54,660
	Public Works and Government Services Canada		\$500
		\$914,718	\$108,868,721
CANADIAN NOT FOR PROFIT	Agriculture and Food Council of Alberta		\$275,000
	Alberta Beef Producers		\$954,531
	Alberta Conservation Association		\$4,306,088
	Alberta Conservation Tillage Society		\$125
	Alberta Ecotrust Foundation		\$22,542
	Alberta Environmental Farm Plan Company		\$240
	Alberta Fish and Game Association	\$629	\$1,483,286
	Alberta Native Plant Council		\$600
	Alberta Research Council		\$5,000
	Alberta Sport, Recreation, Parks & Wildlife Foundation		\$132,264
	Antelope Creek Habitat Development		\$5,000
	Canada Trust Friends of the Environment Foundation		\$5,500
	Canadian Circumpolar Institute		\$3,500
	Canadian Nature Federation		\$1,800
	Canadian non-government organizations - unspecified		\$180,264
	Climate Change Central		\$5,000
	Cropmasters		\$46,300
	Ducks Unlimited Canada		\$3,375,226
	Eastern Irrigation District		\$75,085
	Edmonton Community Foundation	\$629	\$18,013
	Edmonton Springer Spaniel Club		\$200
	Federation of Alberta Naturalists		\$15,000
	Flanagan Foundation	\$9,000	\$29,049
	George Cedric Metcalf Foundation		\$50,000
	Imperial Oil Charitable Foundation		\$5,818
	Institute for Wetland and Waterfowl Research		\$5,500
	Izaak Walton Killam Memorial Scholarship		\$2,000
	James L. Baillie Memorial Fund		\$2,000
	Lakeland Industry & Community Association		\$14,051
	Land Stewardship Centre of Canada		\$18,000
	Nature Canada		\$1,128,000
	Nature Conservancy of Canada	\$60,681	\$5,182,781
	Peace Parkland Naturalists		\$600
	Project Second Life Society		\$6,000
	Richard H. G. Bonnycastle Graduate Fellowship		\$15,000
	Richardson Foundation Inc.	\$101,258	\$362,282
	Rocky Mountain Elk Foundation – Canada		\$4,500
	Samuel Hanen Society for Resource Conservation		\$350
	Shell Conservation Internship Program		\$7,296
	Shell Environmental Fund		\$25,123
	Southern Alberta Land Trust Society		\$613,119

CONTRIBUTIONS TO NAWMP IN ALBERTA, 2015-16 AND 1986-2016

AGENCY TYPE	AGENCY	2015-16 ^a TOTAL	1986-2016 ^a CUM. TOTAL
CANADIAN NOT FOR PROFIT	Sustainable Forest Management Network		\$20,000
	The Calgary Foundation		\$3,943
	The J.W. McConnell Family Foundation		\$6,999
	The Kahanoff Foundation		\$701
	The W. Garfield Weston Foundation		\$1,534
	United Farmers of Alberta		\$18,447
	Western Irrigation District		\$673,433
	Wildlife Habitat Canada	\$105,375	\$3,542,353
	World Wildlife Fund Canada		\$36,000
		\$277,572	\$22,685,443
CANADIAN PROVINCIAL & TERRITORIAL GOVERNMENTS	Agriculture Financial Services Corporation		\$446,527
	Alberta Agriculture and Forestry		\$10,570,726
	Alberta Culture and Community Spirit		\$8,000
	Alberta Energy and Utilities Board		\$8,300
	Alberta Environment and Parks	\$1,154,910	\$27,774,472
	Alberta Transportation		\$9,246
	Alberta Treasury	\$2,000	\$687,351
	Manitoba Habitat Heritage Corporation		\$45,317
	Saskatchewan Water Security Agency		\$10,000
		\$1,156,910	\$39,559,939
CANADIAN REGIONAL & LOCAL GOVERNMENTS	Big Hay Lake Drainage District		(\$34,639)
	Bonnyville (Municipality of)		\$22,653
	Calgary (City of)	\$1,126	\$269,669
	Camrose County		\$14,907
	Carstairs (Town of)		\$96,000
	Edmonton (City of)		\$166,545
	Flagstaff County	\$8,794	\$14,369
	Grande Prairie (City of)		\$7,832
	Grande Prairie County		\$2,022
	Greenview (Municipal District of)		\$6,962
	Lakeland (County of)		\$2,800
	Lamont County		\$23,724
	Manawan Drainage District		\$34,750
	Medicine Hat (City of)	\$225	\$8,005
	Minburn County		\$63,191
	Newell County		\$28,750
	Ponoka County		\$2,310
	Red Deer County		\$1,811
	Rocky View County	\$68	\$345,556
	Special Areas Board		\$325
	St. Albert (City of)		\$17,820
	St. Paul County		\$13,780
	Stettler County		\$2,780
	Strathcona County	\$2,385	\$87,457
	Strathmore (Town of)		\$198,627
	Sturgeon County		\$68,085
	Sylvan Lake (Town of)		\$30,000
	Wheatland County		\$3,200
		\$12,598	\$1,499,301
CANADIAN OTHER	Canadian – unspecified	\$2,912,016	\$34,023,138
UNITED STATES – ALL SOURCES	U.S. Fish and Wildlife Service, U.S. state governments, Ducks Unlimited Inc., Anonymous Foundation, other	\$9,698,744	\$267,629,411
INTERNATIONAL	Conservation International Bahamas		\$59,744
GRAND TOTAL		\$15,597,604	\$494,359,854

a. Includes data from Prairie Habitat Joint Venture - Alberta (Source: NAWMP National Reporting System).

ACTIVITY EXPENDITURES AND HABITAT ACCOMPLISHMENTS, 2015-16 AND 1986-2016

AGENCY	ACTIVITY	EXPENDITURES 2015-16	HABITAT ACRES 2015-16	NET HABITAT ACRES 1986-2016
ALBERTA AGRICULTURE AND FORESTRY (includes Agriculture and Agri-Food Canada, a former Alberta NAWMP partner)	Securement	\$0	0	425,195
ALBERTA ENVIRONMENT AND PARKS	Securement	\$0	0	10,507
DUCKS UNLIMITED CANADA	Communication and education	\$198,624		
	Conservation planning	\$1,700,174		
	Habitat restoration	\$2,024,159	211,291	1,078,239
	Habitat Joint Venture science	\$479,536		
	Management (habitat assets)	\$5,413,375	257	2,561,089
	Land and water policy support	\$535,238		
	Habitat retention (≥10 years through permanent)	\$4,035,809	5,370	2,315,494
	Habitat retention (<10 years)	\$474,956		166,387
DUC Total Expenditures		\$14,861,871		
NATURE CONSERVANCY OF CANADA	Conservation planning	\$28,057		
	Management (habitat assets)	\$324,919	141,152	
	Habitat retention (≥10 years through permanent)	\$109,368	2	49,047
	Habitat retention (<10 years)	\$9,000	0	
NCC Total Expenditures		\$471,344		
OTHER AGENCIES	Communication and education, Management (habitat assets), Habitat Joint Venture science	\$105,375		
TOTAL EXPENDITURES, 2015-16		\$15,438,590		
TOTAL HABITAT RETENTION ACRES (≥10 Years through Permanent), 2015-16 and 1986-2016			5,372	2,800,243

Notes

This table shows expenditures and habitat activities for the Alberta Prairie and Parkland eco-regions (Source: NAWMP National Tracking System). Variable timing of funds both contributed and received under NAWMP may result in differences between total funds received versus expended by partners each fiscal year. Related habitat retention or restoration acres are similarly affected.

a. Activities:

- Communication and education: communications specific to activities in approved proposals under the North American Wetlands Conservation Act (NAWCA). NOTE: all other communication activities are not eligible for NAWCA funds.
- Conservation planning: biological, agrological and engineering planning and targeting activities that occur prior to actual program delivery.

- Habitat restoration: actions to increase carrying capacity for wetland-associated migratory birds and other wildlife.
- Habitat Joint Venture science: activities that evaluate the effects and inform future improvement of the NAWCA program throughout the Prairie Habitat Joint Venture.
- Management (habitat assets): actions to maintain carrying capacity for wetland-associated migratory birds and other wildlife on habitat retained for ≥10 years through permanent.
- Land and water policy support: activities that identify or support development of policies benefiting wetlands or associated uplands. NOTE: these activities are not eligible for NAWCA funds.

- Habitat retention (≥10 years through permanent): protection of wetland and/or upland habitat through land title transfer or binding long-term conservation agreements with a landowner.
- Habitat retention (<10 years): activities that promote or directly result in the sustainable use of land for the purpose of conserving wetland-dependent birds and their habitats.

b. Habitat acres:

- Habitat Acres, 2015-16: habitat acres retained, restored or managed between April 1, 2015 and March 31, 2016. NOTE: total acres are not cumulative.
- Net Habitat Acres, 1986-2016: Cumulative total of habitat acres since 1986 less expired agreements.

COOPERATORS

101105170 Saskatchewan Ltd.	Antelope Land Services Ltd.	Byrne's Agri Service Ltd.
1187397 Alberta Ltd.	Apache Canada Ltd.	Cabre Exploration Ltd.
Access Land Services Ltd.	ARC Resources Ltd.	Cabrera Resources Limited
Access Pipeline Inc.	Arctos Land Corporation	Calgary (City of)
Acquired Land Management Inc.	Argent Energy Inc.	California Department of Fish and Game
Action Energy Inc.	Arizona (State of)	California (State of)
Action Land Consultants (2001) Ltd.	Armett & Burgess Oilfield Construction Ltd.	Cameron Development Corporation
Advance Land Services	Artek Exploration Ltd.	Camrose County
Advantage Oil & Gas Ltd.	Artemis Energy	Canada Capital Energy Corporation
Agricore United	Artemis Exploration Inc.	Canada Malting Co. Ltd.
Agriculture and Agri-Food Canada	Aspen Endeavour Resources Inc.	Canada private - unspecified
Agriculture and Agri-Food Canada - Prairie Farm Rehabilitation Administration	Assiniboine Watershed Stewardship Association	Canada Trust Friends of the Environment Foundation
Agriculture and Food Council of Alberta	ATCO Electric Ltd.	Canada West Land Services Ltd.
Agriculture Financial Services Corporation	ATCO Gas	Canadian Cattlemen's Association
Aguila Exploration Consultants Ltd.	ATCO Structures & Logistics Ltd.	Canadian Circumpolar Institute
Ainsworth Lumber Company Ltd.	Atlas Land Consultants Ltd.	Canadian federal - unspecified
Alberta Agriculture and Forestry	Aurora Land Consulting Ltd.	Canadian Forest Products
Alberta Association of Municipal Districts and Counties	Avalanche Energy Limited	Canadian Landmasters Resource Services Ltd.
Alberta Beef Producers	Avid Oil & Gas Ltd.	Canadian National Railway
Alberta Community Development	B P Canada Energy Company	Canadian Natural Resources Ltd.
Alberta Conservation Association	Barbeejay Supplies Ltd.	Canadian Nature Federation
Alberta Conservation Tillage Society	BASF Canada Inc.	Canadian non-government organizations - unspecified
Alberta Culture and Community Spirit	Battle River Credit Union Ltd.	Canadian Pacific
Alberta Ecotrust Foundation	Bayer CropScience Canada	Canadian provincial - unspecified
Alberta Energy and Utilities Board	Bayer CropScience Inc.	Canadian Superior Energy Inc.
Alberta Environment and Parks	Baytex Energy Ltd.	Canadian - unspecified
Alberta Environmental Farm Plan Company	Beaver County	Canadian Water Resources Association
Alberta Fish and Game Association	Beaverbrook Development Inc.	Canetic Resources Trust
Alberta Land and Lease Limited	Beaverhill Lake Nature Centre	Cannat Resources Inc.
Alberta Municipal Affairs	Ben's Trucking and Landscaping	Capitol Energy Resources Ltd.
Alberta Native Plant Council	Big Country Energy Services LP	Cargill Inc.
Alberta Research Council	Big Hay Lake Drainage District	Caribou Land Services
Alberta Reduced Tillage LINKAGES	Big Lake Environment Support Society	Carlton 142 Inc.
Alberta Sport, Recreation, Parks and Wildlife Foundation	Bighorn Land & Field Service Ltd.	Carriage Lane Estates Inc.
Alberta Transportation	Birchcliff Energy Ltd.	Carstairs (Town of)
Alberta Treasury	Bonavista Energy Trust Ltd.	Cavalier Land Ltd.
Alberta-Pacific Forest Industries Inc.	Bonavista Petroleum Ltd.	Celtic Exploration Ltd.
Alliance Pipeline Limited Partnership	Bonnyville (Municipality of)	Cenovus Energy Inc.
Alonsa Conservation District	Bow River Irrigation District	Central Alberta Rural Electrification Association
Alta Canada Energy Corporation	Bowest Consulting Ltd.	Central Global Resources, ULC
Alta Energy Corporation	Bowood Energy Corp.	Centrica Canada Limited
AltaGas Services Inc.	Boyd Petro Search	Challenger Development Corporation
Amar Developments Ltd.	Brigus Resources Ltd.	Chamaelo Energy
Anadarko Canada Corporation	British Petroleum Canada	Choice Resources Corp.
Anderson Exploration Ltd.	Britt Resources Ltd.	Circle E Grazing Association
Anonymous Foundation	Buffalo Resources Corp.	Clear Environmental Solutions Inc.
Antelope Creek Habitat Development	Burlington Resources Inc.	Climate Change Central

Coal Valley Resources Inc.	Enterra Energy Corp.	Horseshoe Land Ltd.
Coastal Resources Ltd.	Environment and Climate Change Canada - Canadian Wildlife Service	Hughes Oilfield Construction Ltd.
Cochin Pipe Lines Ltd.	Environment Canada - EcoAction 2000	Human Resources and Skills Development Canada
Colonsay No. 342 (Rural Municipality of)	Environment Canada - Habitat Stewardship Program	Husky Group of Companies
Colorado (State of)	Environment and Climate Change Canada - Natural Areas Conservation Program	Husky Oil Operations Ltd.
Commonwealth Construction Company Ltd.	Environmental Law Centre	Impact 2000 Inc.
Compara Energy Services Inc.	EOG Resources, Inc.	Imperial Oil Charitable Foundation
Complete Exploration Services Ltd.	Equatorial Energy Inc.	Imperial Oil Resources Ltd.
Complete Land Services Ltd.	Esprit Exploration Ltd.	Indian and Northern Affairs Canada
Compton Petroleum Corporation	Evolve Surface Strategies Inc.	Inglewood Bird Sanctuary
Conoco Phillips Canada	Exalta Energy Inc.	Inland Cement Ltd.
Conservation International Bahamas	ExxonMobil Canada Energy	Institute for Wetland and Waterfowl Research
Cordero Energy Inc.	Fairmount Energy Inc.	Integrated Geophysical Consultants Ltd.
Cornerstone Agri-Environmental Group Plan	Federation of Alberta Naturalists	Integrity Land Inc.
Cossack Land Services Ltd.	Federation of Saskatchewan Indian Nations	Inter Pipeline Fund
Cowie Cattle Company Ltd.	Feed-Rite Ltd.	Interlake Grasslands Society
Crescent Point Resources Limited Partnership	First National Properties Group	International Association of Fish & Wildlife Agencies
Crew Energy Inc.	Fisheries and Oceans Canada	Invermay (Rural Municipality of)
Crispin Energy Inc.	Flagstaff County	IPSCO Inc.
Cropmasters	Flanagan Foundation	Irene W. and C.B. Pennington Foundation
CrossAlta Gas Storage & Services Ltd.	Fletcher Challenge Canada Ltd.	Izaak Walton Killam Memorial Scholarship
Crystal Landing Corporation	Flexi-Coil	Jacqui Shumiatcher S.O.M., LL.D.
Culane Energy Corporation	Foothills Pipe Lines Ltd.	Jaffer Real Estate Limited Partnership III Inc.
Cygnets Lake Drainage District	Forest Products Association of Canada	James L. Baillie Memorial Fund
D.J. Old Ltd.	Fortis Alberta Inc.	James Richardson International
Data Trek Exploration (1986) Ltd.	FRC Alberta Properties, Inc.	JED Oil Inc.
Davis LLP	Friends of the Nature Conservancy of Canada	Kanover Ltd.
Daylight Energy Ltd.	Galfour Development Corporation	Kelkyd Holdings Ltd.
Decker Petroleum Ltd.	Galleon Energy Inc.	Kellross No. 247 (Rural Municipality of)
Delphi Energy Corp.	Genstar Development Partnership	Keyera Energy Facilities Limited
Delta Waterfowl Foundation	Gentry Resources Ltd.	KeyWest Energy Corporation
Desmarais Energy Corporation	Geoid Exploration Ltd.	Kinder Morgan, Inc.
Devon Canada Corporation	George Cedric Metcalf Foundation	Kinsmen Club of Yorkton
Dirham Construction Ltd.	GeoTir Inc.	Krang Energy Inc.
Dominion Energy Canada Ltd.	Grand Petroleum Inc.	L. Griffin Management Inc.
Dow AgroSciences	Grande Prairie (City of)	Lac La Biche Feed Mill & Farm Supply Ltd.
Dox Investments Inc.	Grande Prairie County	Lacombe County
Ducks Unlimited Canada	Grandir Resources Ltd.	Lakeland (County of)
Ducks Unlimited Inc.	Gray Diamond Construction	Lakeland Industry & Community Association
E-Bay Oilfield Contracting Inc.	Green Drop Ltd.	Lamco Gas Co-op Ltd.
Eastern Irrigation District	Green-Con Lands Ltd.	Lamont County
Echoex Ltd.	Greenview (Municipal District of)	Lamont Gas Co-op Ltd.
Edmonton (City of)	Habitat Conservation Trust Fund	Land Solutions Inc.
Edmonton Community Foundation	Habitat For Humanity	Land Stewardship Centre of Canada
Edmonton Springer Spaniel Club	Harbinger Exploration Inc.	Landquest Services Ltd.
Edwards Land (Calgary) Ltd.	Harvest Energy	Landwest Resource Services Ltd.
Elfros No. 307 (Rural Municipality of)	Hasco Development Corporation	Lane Land Services Ltd.
Emerald No. 277 (Rural Municipality of)	Heritage Surface Solutions Ltd.	Little Saskatchewan River Conservation District
Enbridge Inc.	HMA Land Services Ltd.	Lockhorn Exploration Ltd.
Enbridge Pipelines Inc.	Hopewell Development Corporation	Logistex Land Services Ltd.
EnCana Corporation	Horizon Land Services Ltd.	Longstaff Land Surveying Ltd.
ENDEV Resources Partnership		Loose Foot Computing Limited
EnerMark Inc.		Lower Souris River Watershed Committee Inc.

Lucas Bowker & White	Niven & Associates Inc.	Priority Printing
Luscar Ltd.	Norcana Resource Services (1991) Ltd.	Progress Energy Ltd.
LXL Consulting Ltd.	Nordic Pressure Services Inc.	Progress Land Services Ltd.
Majestic Land Services Ltd.	North West Upgrading Inc.	Progressive Exploration Services
Mamba Production Partnership	Northpoint Development L.P.	Project Second Life Society
Manawan Drainage District	Northrock Resources Ltd. (Canada)	Prospect Land Services (Alta) Ltd.
Mancal Corporation	NWT Resources, Wildlife and Economic Development	Prospect Oil and Gas Management Ltd.
Manitoba Agriculture, Food and Rural Initiatives	OH Ranch Ltd.	Public Works and Government Services Canada
Manitoba Conservation	Oil-Expo Investments Ltd.	Qualico Developments
Manitoba Finance	Olds College	Ranger Land Services Ltd.
Manitoba Forage Council	Omera Resources Limited	Ravenswood Developments Inc.
Manitoba Habitat Heritage Corporation	Omers Energy Inc.	RBC Royal Bank
Manitoba Hydro	Oregon (State of)	Real Resources Inc.
Manitoba Transportation and Government Services	Outlook Energy Corporation	Red Deer County
Manitoba Water Stewardship	OutSource Seismic Consultants Inc.	Remington Development Corporation
Manitoba Wildlife Federation Habitat Foundation	Pan Canadian Petroleum Limited	Renton Land Services (1983) Ltd.
Manitok Exploration Inc.	Pangea Land Ltd.	Resolution Land Services Ltd.
Maverick Land Consultants Inc.	Paramount Energy Trust	Richard H. G. Bonnycastle Graduate Fellowship
Maxi Services Ltd.	Park Paving Ltd.	Richardson Foundation Inc.
McNally Land Services Ltd.	Park Ridge Homes Ltd.	Richland Petroleum Corporation
MEC Operating Company	Parkland Conservation Farm	Rife Resources Ltd.
Medicine Hat (City of)	Parkland County	Rival Energy Ltd.
Meewasin Valley Authority	Parks Canada	Road Runner Land Group Ltd.
Meighen Haddad & Co.	Parks Canada - Elk Island National Park	Rocky Mountain Elk Foundation – Canada
Melcor Developments Ltd.	Partners in Habitat Conservation (EID)	Rocky Mountain Property, Inc.
Melfort (City of)	PB Industries Ltd.	Rocky View County
MGV Energy Inc.	PCL Construction Management Inc.	Rockyview Energy Partnership
Millennium Bureau of Canada	Peace Parkland Native Stewardship Program	Rockyview Gas Co-op Ltd.
Minburn County	Peace Parkland Naturalists	Roger Hagen Construction Inc.
Minco Gas Co-op Ltd.	Pengrowth Corporation	Rosevear Land Services Ltd.
Ministry of Sustainable Resource Management	Penn West Petroleum Ltd.	Roy Northern Land Service Ltd.
Monsanto Canada	Petro Line Upgrade Services Ltd.	Royal Oaks II Joint Venture
Montana (State of)	Petro-Canada	Sabretooth Energy Ltd.
Montane Resources Ltd.	Petrofund Corporation	Samuel Hanen Society for Resource Conservation
Moose Mountain Buffalo Ranch	Petroland Services Ltd.	Saskatchewan Agriculture, Food and Rural Revitalization
Mor-West Ventures Inc.	Petrolane Consulting Ltd.	Saskatchewan Conservationist
Mountain Equipment Co-op	PEW Charitable Trusts	Saskatchewan Council for Community Development
MSL Land Services Ltd.	Pheasants Forever	Saskatchewan Crop Insurance Corporation
Murphy Oil Company, Ltd.	Pickseed Canada Inc.	Saskatchewan Environment
NAL Oil & Gas Trust	Pioneer Land Services Ltd.	Saskatchewan Environmental Protection Fund
NAL Resources Limited	Pioneer Professional Services Group	Saskatchewan Finance
National Fish and Wildlife Foundation	Ponoka County	Saskatchewan Fish and Wildlife Development Fund
Native Plant Society of Saskatchewan	Poplar Hill Resources Ltd.	Saskatchewan Government Relations and Rural Affairs
Natural Sciences and Engineering Research Council of Canada	PotashCorp	Saskatchewan Minerals
Nature Canada	Prairie Land & Investment Services Ltd.	Saskatchewan Stock Growers Association
Nature Conservancy of Canada	Prairie Land Consultants Inc.	Saskatchewan Water Security Agency
Nature Saskatchewan	Prairie Land Service Ltd.	Saskatchewan Wetland Conservation Corporation
Navigo Energy Partnership	Prairie Mines and Royalty Ltd.	Saskatchewan Wildlife Federation
Newell County	Prairie Plantation Inc.	Saskatoon (City of)
Newport Petroleum Corporation	Prairie Roadbuilders Limited	SaskEnergy Incorporated
Nexen Inc.	Price Waterhouse Coopers	SaskPower
Nicholson Land Service Ltd.	Prime Seismic Data	SaskTel
	Prime West Energy Inc.	SBW Cattle Company Ltd.

Scott Land and Lease Ltd.	Synterra Technologies Ltd.	United Grain Growers
Seamac Land Services Ltd.	Takota Land Ltd.	United States Department of Agriculture – Forest Service
Search Energy Corp.	Talisman Energy Inc.	United States Fish and Wildlife Service
SeCan	Tappit Resources	United States state governments – unspecified
Seisland Surveys Ltd.	Tasman Exploration Ltd.	United States – other
Serrano Energy Ltd.	TD Canada Trust	University of Alberta
Shell Canada Products Ltd.	TD Friends of the Environment Foundation	University of Calgary
Shell Conservation Internship Program	Tempest Energy Corporation	University of Lethbridge
Shell Environmental Fund	TERA Environmental Consultants	University of Regina
Shepard Limited Partnership	Terra-Sine Resources Ltd.	Univex Land Services
Shiningbank Energy Income Fund	Tervita [*]	Upper Assiniboine River Conservation District
Sierra Vista Energy Ltd.	The Calgary Foundation	Val Vista Energy Ltd.
Signalta Resources Limited	The Donner Canadian Foundation	Venturion Natural Resources Limited
Silverado Properties Ltd.	The J.W. McConnell Family Foundation	Vermilion Energy Trust
Sims and Company	The Kahanoff Foundation	Vermilion Resources
Skana Exploration Ltd.	The Nature Conservancy	Vermilion River (County of)
Skelton and Company Law Office	The W. Garfield Weston Foundation	Viterra
Slave Lake Pulp Corporation	The Woodcock Foundation	Vonda (Town of)
Soil Conservation Council of Canada	Thompson & Associates, Inc.	VSD Developments Corporation
South Peace Wilderness Society	Thunder Energy Inc.	Vulcan County
Southern Alberta Land Trust Society	TNC Wilson Challenge Fund	Wainwright (Municipal District of)
Special Areas Board	Tofield (Town of)	WAM Development Group
Spur Resources Ltd.	Touchdown Land Consultants Ltd.	Wave Energy Ltd.
Spy Hill (Regional Municipality of)	Tourism for Tofield Foundation	Wayco Land Services
St. Albert (City of)	Tournament Exploration Ltd.	Western Feedlots
St. Mary River Irrigation District	TransAlta Corporation	Western Irrigation District
St. Paul County	TransCanada Corporation	Westfire Energy Ltd.
Standard Land Company Inc.	Transfeeder Inc.	Weyerhaeuser
Star Oil & Gas	TransGas Limited	Wheatland County
Starboard Gas Ltd.	Traverse Landgroup Ltd.	Wheatland Industrial Park Inc.
Stettler County	Trident Exploration Corp.	Wilburforce Foundation
Strategic Land Services Inc.	Trilogy Energy Corp.	Wildlife Habitat Canada
Strathcona County	TriStar Oil & Gas Ltd.	William H. Donner Foundation
Strathmore (Town of)	Triton Energy Corporation	Winnipeg (City of)
Sturgeon County	True Energy Inc.	World Wildlife Fund Canada
Suncor Energy Inc.	Tudor Corporation Ltd.	Wyoming (State of)
Sundance Forest Industries Inc.	Tundra Oil and Gas, Limited	Yorkton Wildlife Federation
Sundance Land Services Ltd.	Turtle Mountain Conservation District	Yukon Department of Energy, Mines and Resources
Sunwest Canada Energy Limited	Twin Butte Energy Ltd.	Zahmol Properties Ltd.
Sustainable Forest Management Network	Two Hills (County of)	Zapata Energy Corporation
Sylvan Lake (Town of)	Union Pacific Resources Ltd.	Zargon Energy Trust
Synergy Land Services Ltd.	United Farmers of Alberta	Zargon Oil & Gas Ltd.
Syngenta Crop Protection Inc.		

*New cooperator in 2015-16



North American
Wetlands
Conservation Act



Environment and
Climate Change Canada

Environnement et
Changement climatique Canada



FOR MORE INFORMATION ABOUT THE ALBERTA NORTH
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NAWMP) PARTNERSHIP, CONTACT:

Michael Barr
Alberta NAWMP Coordinator
780-608-8104
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