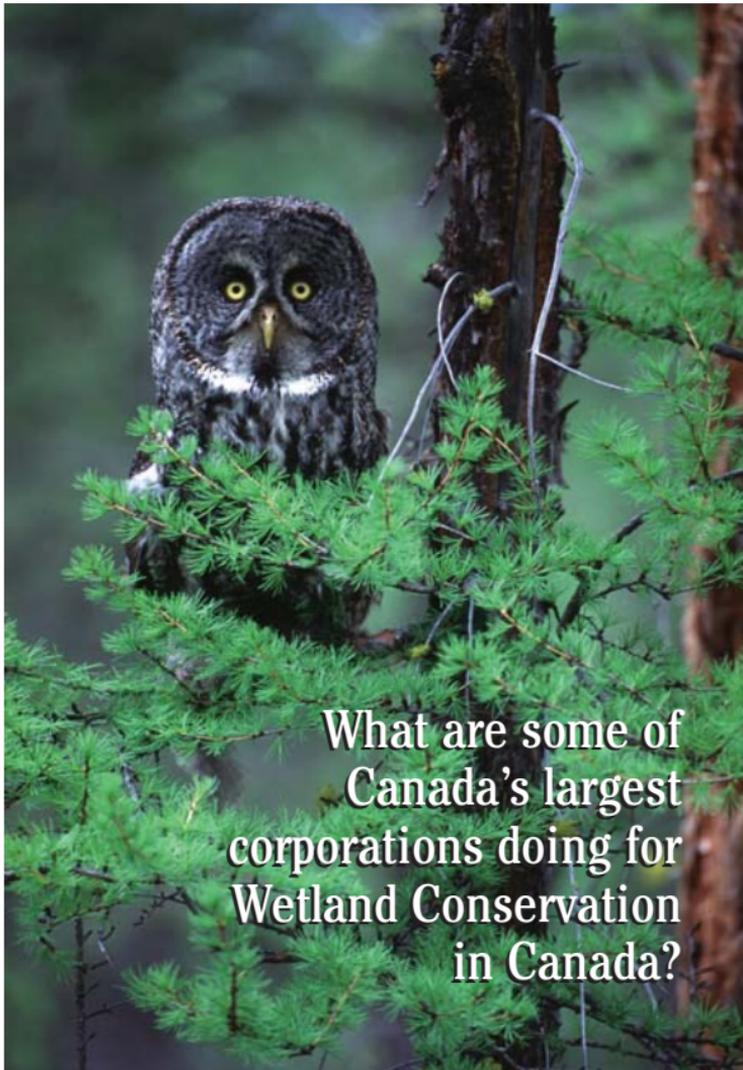


Canadian
HabitatMatters

Inside

Corporate wetland
conservation
in Canada

*Highlights from
the Agriculture,
Forestry, Mining
and Energy Sectors*



What are some of
Canada's largest
corporations doing for
Wetland Conservation
in Canada?



North American Waterfowl
Management Plan
Plan nord-américain de
gestion de la sauvagine
Plan de Manejo de Aves
Acuáticas Norteamérica

About the Magazine

The 2007 "Special Edition" of Canadian Habitat Matters highlights the North American Waterfowl Management Plan's (NAWMP) corporate conservation partnerships. The articles in this issue were written by conservation staff working to implement NAWMP projects across Canada.

For More Information

For more information on the North American Waterfowl Management Plan and/or corporate conservation partnerships in Canada, or for additional copies of this publication, please contact Rick Pratt, Chief, North American Bird Conservation Initiative Secretariat, Canadian Wildlife Service, (819) 934-6035, richard.pratt@ec.gc.ca.

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Cover photo:
Great Gray Owl
Ducks Unlimited Canada

The North American Waterfowl Management Plan

The North American Waterfowl Management Plan (NAWMP) was signed in 1986 with the goal to restore continental waterfowl populations in Canada, the United States and Mexico. NAWMP relies on a myriad of partners across the continent including governments, non-government organizations, Aboriginal groups, industry, academia, landowners and individuals. A broad spectrum of science-based, on-the-ground conservation programs that include habitat securement, enhancement, restoration, evaluation, communications/education, stewardship and policy are delivered through NAWMP Joint Ventures across Canada. To date, partners in Canada have spent in excess of \$1.3 billion to conserve nearly 2.5 million hectares of prime wetland and associated upland habitat across the country. NAWMP is considered by many to be one of the most successful conservation programs in the world. For more information, visit www.nawmp.ca.



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Introduction

The North American Waterfowl Management Plan (NAWMP) was created and implemented to restore and manage continental waterfowl populations. Programs are delivered through Joint Ventures and include direct actions such as habitat securement, enhancement and restoration as well as much broader indirect ones including education, policy and research. Partnerships are essential to the success of the program. This Special Edition of *Canadian Habitat Matters* focuses on the role that corporate Canada has played as a partner in conserving and managing some of Canada's most valuable waterfowl habitat.

For many Canadian companies, it is no longer "business as usual." Sustainable development policies and practices are being developed and implemented that focus on social, environmental and economic benefits. Canadian companies recognize that their social contract to operate depends upon relationships of mutual benefit with society at large, and with government and nongovernmental organizations that represent society's interests. Environmental policies are giving rise to new and innovative ways of managing the landscape which are both financially and environmentally favorable. In today's economic climate, meeting social and environmental goals is often essential to being economically profitable.

Specifically, corporate involvement in programs like NAWMP is helping set the

stage for a new way of doing business in Canada. It is showing there is a role for industry in conservation partnerships and by incorporating environmental needs and factors into their management plans they are ensuring a sustainable future for Canada. NAWMP is helping bolster both our economic and our natural environment.

NAWMP has been successful in the conservation of waterfowl habitats and populations and has benefited overall conservation on many other fronts. The habitat programs that have been implemented have been of critical importance for the conservation of other wildlife species, including species at risk, as well as improving overall environmental health for people. After all, waterfowl habitat is home to more than just ducks. Thousands of species of plants and wildlife depend on these areas, and with Canada being home to 25 percent of the world's wetlands, our responsibility is not only national, it is global.

The synergy created by the partnerships needed to deliver NAWMP is proof of the value of partners, such as industry, to accomplish conservation goals. This Special Edition issue of *Canadian Habitat Matters* highlights some of the many activities and accomplishments of industry partners who are helping to conserve Canada's wetlands and the waterfowl and other wildlife species that depend on them.

Forward by Syngenta Crop Protection Inc.



Canada is a country blessed with a supply of natural resources, from rich fish stocks and water sources to the abundance of forest resources and expansive lands for agricultural production. However, we also recognize that this supply is not endless and should never be taken for granted. It is important to work together to ensure these resources continue to be available for future generations. Without proper management and protection, these resources could be seriously degraded, depleted or lost forever.

Syngenta Crop Protection Canada takes its role as a world leader in agribusiness seriously. In the communities where our company operates, it is impossible not to talk about business without emphasizing the importance of the environment in general, and conservation in particular. Conservation of our natural resources makes corporate sense for the Syngenta business. In a sustainable agricultural economy, our environmental and economic goals must move in the direction of providing a better quality of life for people as well as a competitive and prosperous economy.

Good business strategies recognize this and address the wide range of issues and pursuant commitments that exist regarding conservation and sustainable development. Any effort that recognizes, encourages and implements natural resource conservation will be well received by the corporate and public sectors alike. The involvement of corporate Canada is extremely important in promoting and maintaining conservation programs in Canada – we at Syngenta want to be a part of that.

Syngenta is committed to sustainable development through innovative research and technology. We are proud of our environmental commitment and accomplishments. Our work with the North American Waterfowl Management Plan, for example, will benefit not only the continental waterfowl population, but ultimately the people who live and work on these landscapes. Our goal is to introduce agricultural producers to the many benefits of sustainable and environmental management practices. Our work will benefit some of the country's most important watersheds and wetland areas.

Syngenta is proud to play a leading role and encourages other businesses across the country to do the same.

Jay Bradshaw, President, Syngenta Crop Protection Canada, Inc.

Environment Canada Message

Canada is a country blessed with a diversity of natural resources. It is home to 25 percent of the world's wetlands and over 70 percent of the continent's breeding waterfowl populations. In 1986, the North American Waterfowl Management Plan (NAWMP) was endorsed by both Canada and the United States, with Mexico signing in 1994. Environment Canada is proud to be one of the original NAWMP partners and has played a lead role in directing waterfowl and wetland conservation in Canada and across the continent. To date, Canadian partners have invested approximately \$612 million to conserve and protect nearly 2.5 million hectares in Canada alone. These activities not only benefit waterfowl, but the many other wildlife and plant species that are dependent on these habitats. Humans are benefiting as well – healthier sources of water, recreational opportunities and flood and erosion control to name a few.

NAWMP would not be possible without partnerships. We rely heavily on partners from all levels of government, Aboriginal groups, non-governmental organizations, industry, the private sector and landowners to achieve our goals. Industry has been instrumental as a partner in the delivery of programs by investing in habitat securement as well as donating and signing conservation agreements on their lands. These partnerships have been rewarding to both conservation and industry alike.



Companies like Cargill Inc. in Alberta, have restored wetland habitat that is now recognized as one of the region's most important waterfowl staging areas. In Newfoundland and Labrador, the Iron Ore Company of Canada is researching constructing wetlands on mine tailing piles. These wetlands not only provide wildlife habitat but provide long term stability for the tailings. Both of these sites are being used as education centers in promoting sustainable environmental practices. Through these partnerships, industry and government are working together to protect habitat and to develop new technologies and land-management practices that benefit all Canadians.

NAWMP provides a conservation model that allows partners, such as industry, to help contribute to conservation solutions. Environment Canada believes that the business of conservation makes good sense for corporate responsibility and

Barbara Robinson

corporate efficiency. New technologies and land-management approaches are emerging as important solutions for long-term environmental sustainability and corporate competitiveness.

On behalf of NAWMP partners in Canada and across the continent, I am pleased to present this special corporate edition of *Canadian Habitat Matters*. The issue highlights many examples of Canadian industry's contributions to our country's wetland conservation programs, the successes of which, extend well beyond our national borders.

Michele Brenning,
Director General, Canadian Wildlife Service

Agricore United



Ducks Unlimited Canada Senior Director, Jim Richardson (right), presented Agricore United's Chair of the Board, Wayne Drul, with a Heritage Sponsor Award in recognition of Agricore's support of winter wheat programs.

Ducks Unlimited Canada

Agricore United is the largest grain handling, crop input and feed manufacturing company in western Canada. The Company helps bring safe, high-quality products to tables around the world.

The traditional land-use practices involved in growing spring seeded crops are detrimental to nesting waterfowl. Spring seeded crops usually require at least one cultivation and a subsequent seeding operation that physically disturbs waterfowl nests. On the other hand, winter wheat is sown in the fall and continues to grow in the spring allowing ducks to nest relatively undisturbed. This lack of disturbance dramatically increases brood success.

Agric

Ducks Unlimited Canada's (DUC) ongoing efforts to increase and expand winter wheat production across the Prairies have been boosted by a number of industry partners interested in promoting winter wheat as a viable and profitable crop choice for farmers.

Agricore United is one such partner. In 2003, the Company became a Heritage Sponsor to DUC's winter wheat program with a benevolent donation of \$60,000 over 3 years.

"We knew our sponsorship of DUC's winter wheat programs would be used for a Prairie-wide initiative that will have a lasting benefit to our members, and agriculture in general," said Maurice Lemay, Agricore United Board Member. "Winter wheat provides an option to diversify crop rotations and is conducive to the long-term economic and environmental sustainability of Prairie agriculture."

DUC has long been an advocate of winter wheat. Research has determined that the crop has significant value as waterfowl habitat. The crop also has other agronomic advantages. It competes well with weeds, avoids pests, captures the spring moisture and spreads out producer workloads. These advantages, along with improved market acceptance, have helped to boost seeded winter wheat acreage on the Prairies to the highest point since the mid 1980s.



Winter wheat crops have many advantages – not only for waterfowl, like this northern pintail pair – the crop also competes well with weeds, captures the spring moisture and spreads out producer workloads.

Ducks Unlimited Canada

This is good news for waterfowl such as the northern pintail. The continental population of the northern pintail has been experiencing an ongoing and worrisome decline in recent years. As upland nesters, pintails prefer the sparse stubble of cropland areas. Unfortunately, their nests are often destroyed during annual spring seeding operations. Sowing winter wheat in the fall gives the birds a much better chance for successful spring nesting.

Winter wheat could conceivably provide millions of acres of waterfowl habitat and continue contributing to the agricultural economy. Agricore United's support has enabled DUC to work directly with the producers on the ground. DUC and other partner organizations have worked to develop improved markets and make more crop variety choices available to winter wheat producers. Agricore United is an

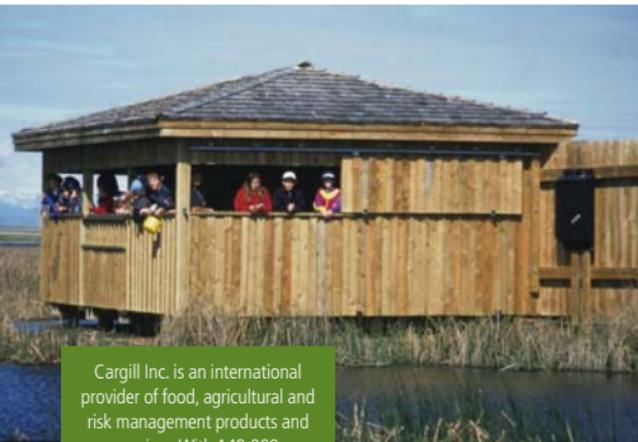
"We knew our sponsorship of DUC's winter wheat programs would be used for a Prairie-wide initiative that will have a lasting benefit to our members, and agriculture in general," said Maurice Lemay, Agricore United Board Member.

active delivery partner for DUC programs. Many frontline Agricore United employees have participated in winter wheat agronomic training events held by DUC.

"DUC and Agricore United have enjoyed a long business relationship in areas such as native grass development and forage establishment," said Bob Grant, DUC's manager of operations for Manitoba. "Agricore United's generous sponsorship of our winter wheat programs has opened a new door that we hope will grow further interest in, and support of, this important crop."

With the ongoing and valuable support of companies such as Agricore United, DUC is optimistic that producers will experience the economic advantages of including winter wheat in their cropping rotations while providing a safer haven for nesting waterfowl.

Cargill Inc.



Cargill Inc. is an international provider of food, agricultural and risk management products and services. With 149,000 employees in 63 countries, the company is committed to using its knowledge and experience to collaborate with customers to help them succeed.

The Cargill-supported viewing blind at Frank Lake, Alberta, attracts many wildlife enthusiasts, like this group of school children.

Ducks Unlimited Canada

Moral support is always appreciated when it comes to conservation projects. But it takes money to restore and conserve over 809,000 hectares of Alberta wildlife habitat. This is precisely why Ducks Unlimited Canada (DUC) is grateful for the \$375,000 donated in recent years by Cargill Inc. toward provincial habitat conservation and rehabilitation.

“That appreciation runs two ways,” said Robert Meijer, Cargill Public Affairs Director. “We have great respect and appreciation for what Ducks Unlimited Canada is doing across Canada and we know this money directly supports our corporate commitment to a healthy environment and environmental education.”

Cargill has been a strong supporter of DUC’s conservation programs delivered through the North American Waterfowl Management Plan (NAWMP) in the community of High River, Alberta since 1989.

Great Blue Heron

Ducks Unlimited Canada

As part of the water-treatment plan for its beef processing operation, the company worked closely with DUC to establish the Frank Lake Wetlands Project, donating \$200,000 for the project in 2003 alone.

Water from the plant is treated to tertiary

levels and then diverted to rehabilitate what was once a dry lake. In addition to the advantages of restoring Frank Lake to a healthy ecosystem for waterfowl and other wildlife, the Highwood River has also benefited from reduced effluent flowing into its waters. The Highwood River is a tributary of the Bow River, which is a world class trout fishery.

Frank Lake is now recognized as one of southern Alberta's most important breeding and staging areas for waterfowl and other waterbirds, including rare species such as the white-faced ibis. Frank Lake is also critical to wetland education programs in the area. It is a popular spot for birdwatchers and school tours, making it a wildlife-friendly testament to the long-term value of corporate-sponsored conservation projects.

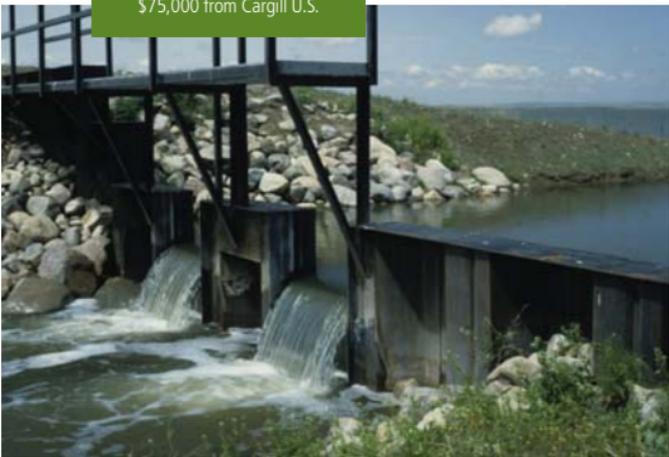
Cargill Inc. demonstrated their ongoing and generous support for conservation in 2006 with a contribution of \$100,000 from Cargill Canada and an additional \$75,000 from Cargill U.S. Thanks to NAWMP, Cargill's U.S. portion of their contribution translated into over \$170,000 as the dollars were then matched through the North American Wetland Conservation Act.

"Cargill highly values the tremendous work of NAWMP and DUC in the protection, stabilization and revitalization of our sensitive and vital habitat and wildlife," said Cargill Meat Solutions General Manager Brian Derksen. "We are thankful to have the opportunity to give back to nature by supporting conservation and education."

"Cargill's business is a great match with NAWMP and DUC," said Rick Harland, Manager, Business Development, Prairies and Western Boreal Region, DUC. "We are all in the grass and water business. Cargill depends on healthy grass and water to produce the cattle they process in their plant at High River and we depend on that grass and water to sustain the continent's waterfowl populations. When you think of it that way, it makes sense that we partner our resources."

The partnership between DUC and Cargill Inc. in Alberta is another successful example of the invaluable benefits that future generations will reap as a result of the generous corporate support of innovative conservation programs today. Cargill Inc. is making a difference.

Cargill Inc. demonstrated their ongoing and generous support for conservation in 2006 with a contribution of \$100,000 from Cargill Canada and an additional \$75,000 from Cargill U.S.



The large steel weir on Basin 1 at Frank Lake allows the water to flow into Basin 2. There are three water control structures that regulate the water levels within the wetland. These structures are sized to accommodate major flood events and to manage the depth of the water in order to maintain the best possible marsh conditions.

Ducks Unlimited Canada



Syngenta Crop Protection Inc.

Freshwater is an essential resource. On the Prairie landscape where 90 percent of the land is privately owned, that freshwater is in constant demand by agricultural producers and wildlife. Nobody knows this better than the land managers – both for conservation and for agriculture.

To help balance the use of Prairie landscapes throughout Saskatchewan, Syngenta Crop Protection Canada and Ducks Unlimited Canada (DUC) have entered into a 3-year partnership to conserve existing wetlands and to create new wetland habitat. Their goal is to introduce 25 of Saskatchewan's leading agricultural producers to the many benefits of environmental and sustainable management practices.

Syngenta and DUC will work closely with these agricultural producers who manage lands in and around important watersheds. The areas identified by DUC include the Allan and Dana Hills, Lightning Creek, the Missouri-Coteau and the Upper Assiniboine watersheds.

Education programs for land managers will provide valuable information and demonstrate the many benefits of embracing sustainable management practices. In turn, land managers will introduce these cost-effective and environmentally friendly agricultural practices to other Saskatchewan producers.

Syngenta Crop Protection Inc. is a subsidiary of Syngenta Global, a world-leading agribusiness committed to sustainable agriculture through innovative research and technology. The company believes that business, social and environmental performances are mutually dependent. They generously support programs designed to enhance the long-term sustainability of the communities in which they operate.

Sustainable Management Practices (SMP) include:

- The use of remote livestock watering systems;
- Installation of cross-fencing for rotational grazing;
- Seeding of riparian buffer strips;
- Installation of wetland restriction fences;
- Creation of comprehensive grazing plans; and
- Winter wheat production.

Daryl Nazar, Ducks Unlimited Canada, discusses a Syngenta stock watering site with Ranchers John Collins and Chad Haaland.

Ducks Unlimited Canada

Current partners will inform potential partners of the benefits of sustainable land management practices – both for the environment and their operations.



Ducks Unlimited Canada



One of the 14 newly restored wetlands on the Reetz Conservation Easement near Yorkton, Saskatchewan, that thanks to Syngenta, is helping the landowner convert the property back to a cattle operation.

Ducks Unlimited Canada

There will be many long-term benefits for Saskatchewan as more and more producers incorporate sustainable management practices into their agricultural operations. Syngenta and DUC are helping to ensure that wetlands will be protected from further degradation and loss, livestock will have less impact on rangelands and loss of native grass cover will be minimized.

As an additional endorsement and selling feature, the producers who have already adopted these practices report improved financial returns on their operations. It is anticipated that over 1,000 land managers will be introduced to the benefits of sustainable management practices throughout the Syngenta/DUC partnership.

The partnership between these two organizations, and their collective financial and in-kind support, is helping to ensure long-term sustainability for Saskatchewan's agricultural community and protecting precious wetland resources for the future.

Syngenta

Alberta-Pacific Forest Industries Inc.

Inappropriate road building techniques across or around wetlands can impede water flow and alter habitat. Using wetland knowledge and hydrology research, maps are being developed that identify the risks associated with interrupting critical hydrological connections.

Ducks Unlimited Canada

The boreal forest is the world's largest land-based ecosystem – it covers two thirds of Canada's land base. At least 20 percent of the boreal forest consists of wetland habitat, and almost half of North America's waterfowl populations breed in its largely unspoiled vastness.

Canada's wetland-rich boreal forest is also a wealth of natural resource industries, such as oil, gas, mining and forestry. The impact these industries have on the area's wildlife and wetland resources is increasing – the boreal forest is ranked third of the 25 most important and

threatened of continental waterfowl habitats. To address this, Alberta-Pacific Forest Industries Inc. (Al-Pac) and Ducks Unlimited Canada (DUC) have teamed up to help ensure that forestry practices within Canada's boreal forest are sustainable.

As a North American Waterfowl Management Plan (NAWMP) delivery partner, DUC identified many of the boreal forest's key wetland areas that need protection and/or enhanced environmental practices by industry. In turn, Al-Pac donated \$8.2 million in cash and in-kind contributions to DUC's Western Boreal Forest Conservation Program. A Memorandum of Understanding between the two companies initiated the Boreal Conservation Project (BCP) in 2002. This partnership focuses on developing a conservation plan for 11.5 million hectares

... the boreal forest is ranked third of the 25 most important and threatened of continental waterfowl habitats.

of the Western Boreal Forest in north-eastern Alberta, including Al-Pac's 5.8-million-hectare Forest Management Agreement area.

The Boreal Conservation Program objective is to develop a hydrology-based conservation plan for maintaining wetlands, water flow, quality and supply and overall watershed health. Using wetland knowledge and hydrology research, maps are being developed that identify the risks associated with interrupting critical hydrological connections. DUC and Al-Pac

are working together with academic and other partners to advance innovative strategies, including improved management practices, mitigation options and identifying “high-risk” wetland zones.

“High-risk” or “no-go” zones are areas that are sensitive to potential industrial impacts and where watershed integrity could be compromised. These high-risk zones also pinpoint areas that could cause safety or financial concerns to industry. For example, building roads on a landscape that has poor drainage could cause road icing in the winter potentially leading to safety hazards and additional road maintenance costs.

American Wigeon

Ducks Unlimited Canada

Al-Pac’s forest harvest planners are currently part of a pilot project using DUC’s geographic information system to delineate surface water-fed wetlands and maintain these wetlands via alternative road routing and improved cut-block design.

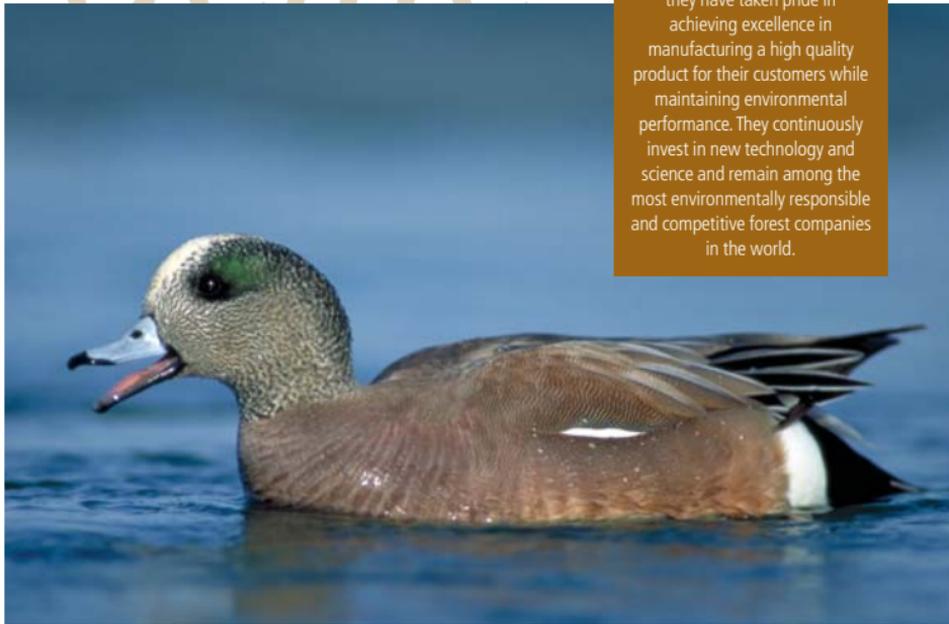
In 2005, the Forest Stewardship Council (FSC), one of the leading forest management certification organizations in the world, granted Al-Pac FSC certification for 5.5 million hectares of forest on their Forest Management Agreement area. This certification, in accordance with some of the strictest environmental and social standards, represents the largest forest in the world ever certified by the FSC.

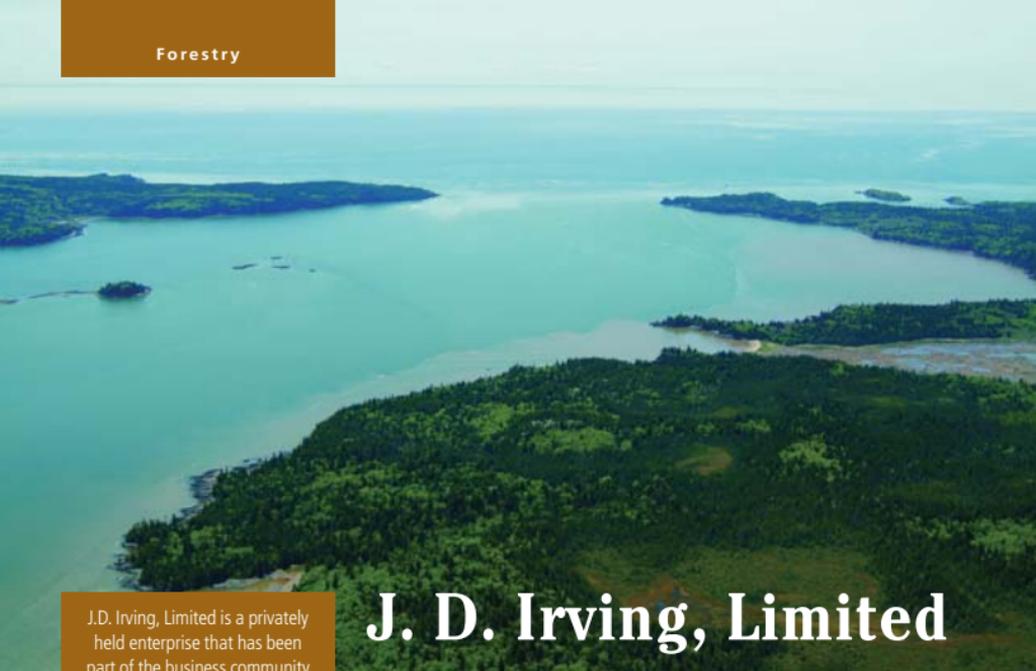
Al-Pac continuously invests in new technology and science to improve their operations. They are helping to develop Best Management Practices in hydrology,

and wetland and waterfowl conservation that may one day become the template for other companies to follow. Al-Pac is a leader in environmentally responsible forestry practices. Their ongoing work helping NAWMP partners to achieve their waterfowl and wetland conservation goals is an example of that leadership.

Ducks Unlimited Canada is in the conservation business. Al-Pac is in the forestry business. Through partnerships like the Boreal Conservation Project, the two companies have figured out a way that both can meet their mandate.

Alberta-Pacific Forest Industries Inc. is a leading producer of quality kraft pulp. Since beginning operations in 1993, they have taken pride in achieving excellence in manufacturing a high quality product for their customers while maintaining environmental performance. They continuously invest in new technology and science and remain among the most environmentally responsible and competitive forest companies in the world.





J.D. Irving, Limited is a privately held enterprise that has been part of the business community since 1882. The Company operates a fully integrated forest products business with diverse operations in transportation, consumer packaged goods, shipbuilding, retail distribution and food processing.

The Musquash Estuary is a large, sheltered harbour and winding, tidal river fringed by lush salt marshes. Despite its proximity to St. John, New Brunswick's largest city, Musquash has remained an oasis of wild and pristine beauty. Its rich marine waters and surrounding coastal forests are a critical sanctuary for waterfowl and wildlife. A true nature-lovers paradise, Musquash is a haven to birdwatchers and botanists, canoeists and kayakers.

J. D. Irving, Limited

Efforts to protect the Musquash Estuary received a tremendous boost in 2004 when J. D. Irving, Limited donated 163 hectares of ecologically significant land to the Nature Conservancy of Canada (NCC). The property is located on the western shoreline of the harbour and encircles almost one-quarter of the entire bay. Due to its size, location and undeveloped state, it is one of the keystone properties in Musquash and a critical buffer to the estuary. An extraordinarily diverse number of habitat types occur here including salt marshes, mudflats, forested uplands, bogs and cobble beaches.

Aerial view of property donated by J.D. Irving, Limited to NCC. Due to its size, location and undeveloped state, it is one of the keystone properties in Musquash and a critical buffer to the estuary.

Ron Garnett, AirScapes

“Of particular importance here are the salt marshes,” said NCC Atlantic Region Chair, Dr. Bill Freedman. “There aren’t many left – 85 percent of the salt marshes originally found in the Bay of Fundy have been lost to development, so acquiring this one and being able to ensure it will remain in its natural state is extremely important ecologically.”

J.D. Irving

Green-winged Teal pair

Ducks Unlimited Canada

A student intern prepares to install an invertebrate trap in salt marsh pannes as part of the monitoring program at the Musquash restoration evaluation.

Ducks Unlimited Canada



The property is home to moose, coyote, snowshoe hare, bobcat, grouse, several types of woodpeckers and other birds. However, Dr. Freedman says it is particularly important for waterfowl, with over 30 species observed within the estuary each year, many of which nest there.

Jim Irving, President of J. D. Irving, Limited, says his company is proud to be donating this land. "As a company whose activities rely on natural resources, our role as environmental stewards is a responsibility we take very seriously. We are proud of our record of habitat conservation and

research partnerships on our land and pleased to play a part in protecting the Bay of Fundy's last fully functioning estuary. We hope that this untouched ecosystem will help foster greater understanding and appreciation of our Fundy coastal environment for generations to come."

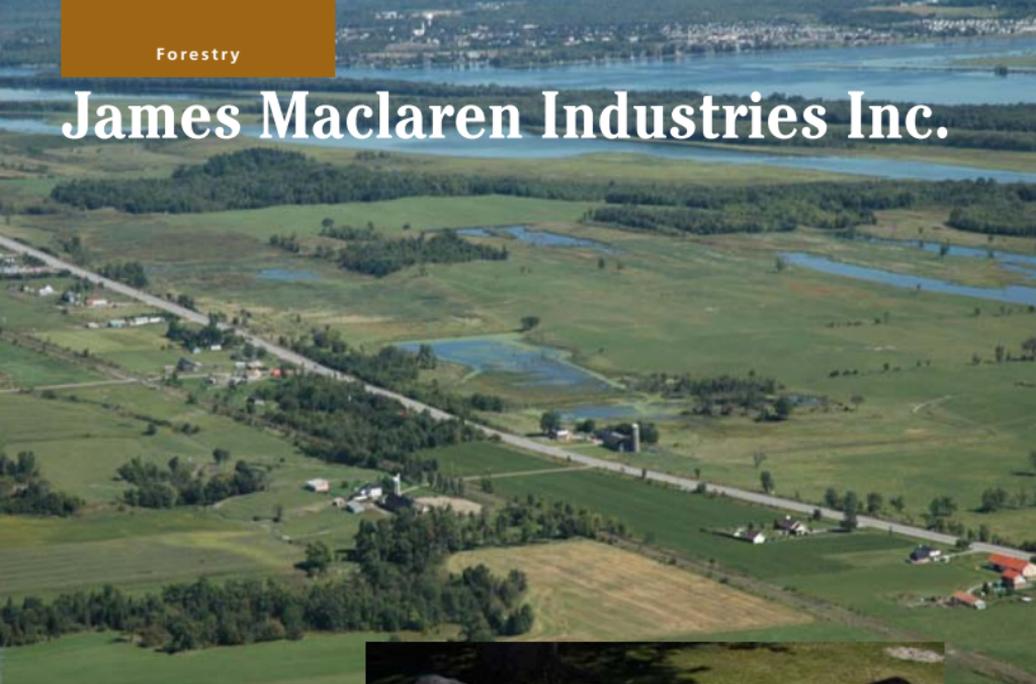
Acquisition of the J. D. Irving, Limited land is critical to the success of a larger, landscape-scale environmental protection initiative in the area. As a partner in the North American Waterfowl Management Plan's Eastern Habitat Joint Venture (EHJV), NCC has secured over 3,000 acres

"...85 percent of the salt marshes originally found in the Bay of Fundy have been lost to development, so acquiring this one and being able to ensure it will remain in its natural state is extremely important ecologically."

surrounding the Musquash Estuary and developed a community outreach and stewardship program. Other EHJV partners are also active in the area and are engaged in a variety of conservation initiatives including land securement, salt marsh restoration and research.

The NCC is a national non-profit organization that takes a business-like approach to the conservation of plant and wildlife habitat. Its plan of action is to build partnerships and develop creative conservation solutions with individuals, corporations, community groups, conservation groups and government bodies that share its passion for our natural world. Since 1962, NCC and its many partners have conserved over 768,000 hectares of land on more than 1,700 properties across Canada.

James Maclaren Industries Inc.



Jacques Bouchard (left), a Ducks Unlimited staff member and two landowners examine the Trépanier Marsh Plan which promises to help protect critical waterfowl staging and brood-rearing habitat along the Ottawa River in eastern Quebec.

Ducks Unlimited Canada



For years, James Maclaren Industries Inc., (now part of Brookfield Energy), has exceeded corporate environmental standards in the Pulp and Paper Industry. Employing over 1,000 people in two operations 35 kilometres east of Ottawa-Gatineau, the company has an exceptional record in internal environmental training initiatives and corporate responsibility.

In a recent partnership struck with Ducks Unlimited Canada (DUC), James Maclaren Industries made a generous gift to the communities of Thurso and Masson-Angers where they operate their mills. A series of fortuitous events transpired to create a natural legacy for this rural area of eastern Quebec.

The Bouchard homestead with the marsh in the background, is ideal habitat for many species of waterfowl and wildlife.

Ducks Unlimited Canada

Located about halfway between the mill towns of Thurso and Masson-Angers, the Bouchard family had been successfully farming in the area for many generations. But after 40 years of labour, Jacques Bouchard was ready to retire. Crop production in recent years had been hampered by the destruction caused by migrating Canada or snow geese and neighbouring farmers had no interest in buying his land. Mr. Bouchard did not want to see the land that his forefathers had tilled be razed for residential or industrial development.

Jacques approached DUC and their biologists immediately recognized the valuable habitat potential of the lush, fertile fields rolling to the north of the Ottawa River. Word spread around the

community and the Trépanier Marsh Project soon evolved into a million-dollar land securement and enhancement proposition.

Given their history of exemplary corporate citizenship and environmental awareness, James Maclaren Industries was asked to help finance this undertaking. Because the company would also be partnering with the Eastern Habitat Joint Venture (EHJV), their investment would become part of the Canadian content needed to attract additional North American Waterfowl Conservation Act funding to Quebec.

James Maclaren Industries contributed \$90,000 toward the Trépanier Marsh Project and eight landowners yielded title to over 284 hectares to DUC. This has ensured the long-term protection of a vast area of staging and brood-rearing habitat along the Ottawa River. The Trépanier Marsh Project is part of a mosaic of DUC projects located in the Ottawa Valley. The Ottawa River wetlands and lowlands host approximately 200,000 migrating Canada geese each spring. Some 259 bird species migrate through or breed in the area and many species will benefit enormously from this project. The main breeding



Jacques Bouchard and his wife are thrilled to be part of the waterfowl conservation partnership with Ducks Unlimited Canada and James Maclaren Industries – the land that Jacques has spent 40 years farming will now serve as a habitat haven for many species of waterfowl and other wildlife.

Ducks Unlimited Canada

species are mallard, wood duck, blue-winged teal and American black duck. Migrants include northern pintail, gadwall, American widgeon, northern shoveler and the occasional ruddy duck.

The Trépanier Marsh and the surrounding wetlands are an oasis for wildlife and the nearby communities. It is difficult to imagine the negative impact that major development would have had on this region if this partnership had not come together.

Jacques Bouchard can still gaze out over the land that his forefathers cultivated, filled with a sense of accomplishment at the wonder of the productive habitat that is spread out before him. Thanks to his foresight and the generous support of James Maclaren Industries in partnership with DUC and EHJV, this vast area of lush and vital habitat will remain for future generations to enjoy.

Ruddy duck are one of the many waterfowl species that may be spotted in the Trépanier area.

G. Lacroix





TimberWest Forest Corp.

TimberWest Forest Corp.'s holdings are primarily located on Vancouver Island and comprise six private timberlands and Crown land operations, various logging sorts, one manufacturing facility and one shipping facility.

The Pacific Coast Joint Venture (PCJV), under the auspices of the North American Waterfowl Management Plan (NAWMP), has designated the coastal lowlands and estuaries of British Columbia as a focal area for their wetland and waterfowl conservation activities. The securement and conservation of these habitats is a challenge because of the ever-increasing demands of development and agricultural interests. Partnerships are key to securement of these integral wildlife habitats. One such successful partnership is with TimberWest Forest Corp., the largest private landowner on Vancouver Island's scenic east coast.

The spectacular Englishman River Estuary is home to many small estuaries and sandy beaches that support migratory waterfowl, as well as being important to commercial fisheries species such as salmon and herring – TimberWest has been instrumental in its conservation.

Nature Trust of British Columbia

TimberWest has gained a reputation as being environmentally responsible by implementing practices that go beyond those prescribed by legislation. "Obviously our primary focus on the land is logging," said Steve Lorimer, TimberWest's Manager of Public Affairs and Government Relations. "But we like to take a stewardship approach to logging and with that you have a broader range of concerns that include conservation." Conservation policies that are reviewed annually were incorporated into their forestry operations about 5 years ago. For example, the company has a water quality and supply

policy whereby thresholds are set on logging operations. The policy addresses the effect of harvesting on slopes, vegetative ground cover and wildlife use. The company has also signed land-use agreements and donated lands to conservation organizations such as Ducks Unlimited Canada (DUC) and The Nature Trust of British Columbia (TNT).

TimberWest played an instrumental role in a wetland securement project at the Englishman River Estuary. This system includes over 1,000 hectares of shoreline that comprises numerous small estuaries and sandy beaches that support migrant waterfowl and is being important to commercial fisheries species such as salmon and herring. A residential development proposal was developed for the core of the estuary in 1990. This prompted the PCJV, through the Pacific Estuary Conservation Program (PECP) to secure and protect portions of intertidal habitat at

the mouth of Englishman River. Under the leadership of TNT, funds were raised to purchase 55 hectares of marsh and forests from TimberWest. In 1995, the title on an additional 173 hectares was transferred by TimberWest to TNT and their PECP partners (DUC, Regional District of Nanaimo, Regional District of Parksville and the Province). TimberWest also picked up a significant portion of the costs associated with the transfer.

“Cash in itself isn’t always what is required for implementation of conservation programs,” said Lorimer. “Often in areas where the work is needed most there may not be any land for sale. Because we are a landowner, we can support those conservation needs on lands that are better-suited for conservation than for growing trees.”

The Black Creek Watershed was another project in which TimberWest played a conservation role. The Black Creek watershed is home to a broad array of wildlife, plants and fish. Historically, low water flows during the summer months were having detrimental effects on both the production of agricultural crops and fisheries. In a partnership with the Regional District of Comox-Strathcona, Black Creek landowners and Black Creek Planning Table members, TimberWest and DUC developed a conservation agreement aimed at protecting the streams and creeks in the watershed. Part of this agreement addressed the areas of the watershed that have become residential developments to ensure their future protection. The 14.1-hectare Keddy Swamp, one of the two areas that comprise the watershed project, was the subject of a 1997 Memorandum of Understanding (MOU) between TimberWest (owned 5.4 hectares), Northy Lake Farms (owned 8.7 hectares), Fisheries and Oceans Canada and DUC. The MOU protects the area and also allows DUC access for the purposes of creating and enhancing wetlands over the next 30 years.

Trumpeter swans depend on British Columbia’s coastal lowlands and estuaries after migrating from their breeding grounds in Alaska to their wintering grounds in Southern British Columbia – they feed on intertidal and vegetable crops and follow the patterns of other overwintering waterfowl along the Pacific flyway.

Ducks Unlimited Canada



“Partnerships such as the one with TimberWest are critical to wetlands and wildlife conservation,” said Les Bogdan, DUC’s Manager of Provincial Operations in British Columbia. “A landowner of the scope of TimberWest working with conservation agencies to protect habitat is invaluable.”

In 2000, Miller Creek, a tributary within the Black Creek Watershed, was the beneficiary of a 30-year conservation agreement between TimberWest and DUC. This agreement provides DUC with the right to access the land in order to construct and maintain a water control structure to create a reservoir and carry out a variety of monitoring activities. The reservoir water will be used to supplement low stream levels.

“Partnerships such as the one with TimberWest are critical to wetlands and wildlife conservation,” said Les Bogdan, DUC’s Manager of Provincial Operations

in British Columbia. “A landowner of the scope of TimberWest working with conservation agencies to protect habitat is invaluable.”

PECP partners are Environment Canada’s Canadian Wildlife Service, Fisheries and Oceans Canada, the BC Ministry of Environment, Habitat Conservation Trust Fund, The Nature Conservancy of Canada, The Land Conservancy of British Columbia, TNT and DUC.

BHP Billiton

The Daniel Head Inlet and Dune Project are the focus areas for the Coastal Habitat Conservation Project. The fish processing plant and dredged harbour are on the far right and the dune restoration site is on the far left.

Reg Newell, Nova Scotia Department of Natural Resources

Bringing companies, communities and conservation groups together for the benefit of wildlife habitat conservation is not always an easy task. For BHP Billiton, this means investing in community-based wetland rehabilitation initiatives. The Company invests in various programs in the communities where they operate throughout Eastern Canada.

At the BHP Billiton-funded youth camp, Cape Sable Island youth learn about coastal conservation issues.

Reg Newell, Nova Scotia Department of Natural Resources

BHP Billiton is a global resource company headquartered in Melbourne, Australia. One of the top 10 percent of firms included in the Dow Jones Sustainability Index, the Company has demonstrated an overriding commitment to health, safety, environmental responsibility and sustainable development.

In Southern Ontario, and in partnership with Wildlife Habitat Canada and the Ontario Wetland Habitat Fund, BHP supports local stewardship programs for landowners



and community groups. These programs promote wetland restoration, enhancement and conservation. Landowners sign conservation agreements allowing specific conservation-inspired activities on their properties. In return, the landowners commit to maintaining and protecting their wetlands for the future. This program has secured and protected thousands of hectares of important wetland and associated upland habitat to date.

In Northern Ontario, this successful partnership has been expanded to include the Friends of Algoma East for delivery of habitat monitoring and enhancement programs in and around Elliot Lake and the North shore of Lake Huron. Volunteers lead these programs and attract participation by community groups and First Nations people, as well as providing opportunities for youth participation in nest-box projects. These habitat projects improve

and restore wild rice stands, enhance cavity nesting habitat for species, such as the wood duck and establish various long-term habitat monitoring activities.

In another partnership with Nature Canada, BHP Billiton is contributing to the Important Bird Area (IBA) program at Cape Sable Island on the southeastern tip of Nova Scotia.

Cape Sable Island is situated at the entrance to the Gulf of Maine and is an ecologically unique area consisting of a diversity of habitats such as sand dunes, barrier beach ponds and eel grass flats. The Island is Nova Scotia's only staging area for brant geese on their northward spring migration. It is also critical breeding habitat for the endangered piping plover.

The generous support of BHP Billiton has enabled several critical environmental initiatives on Cape Sable Island. Habitat rehabilitation projects include the protection of 17 hectares of salt marsh and associated habitat for the IBA as well as a dune restoration project to increase piping plover nesting habitat.

To instill the youth of Cape Sable Island with a respect and understanding of this unique ecosystem, BHP Billiton provided funding to develop the Cape Sable Island Nature and Environment Camp. At the camp youth learn about conservation issues surrounding coastal habitats. The camp is a huge success – demand constantly outpaces the number of spaces available.

“Working with communities is a highly effective way to contribute to conservation,” said Maxine Wiber, Vice President, Closed Mines, BHP Billiton Base Metals. “We hope that these projects will serve as examples to promote the involvement of other resource companies in wildlife conservation.”

Piping Plover

Ducks Unlimited Canada

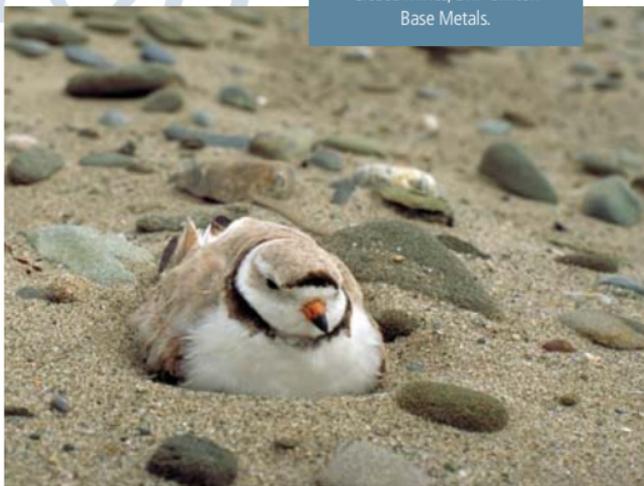


Brant Geese

Ducks Unlimited Canada

BHP Billiton's involvement in wetland conservation projects has been wide spread and diverse. Wherever the company operates in Canada they have become engaged in the local community and demonstrated their strong support for environmental sustainability. Recognized nationally many times for their ongoing commitment to the communities in which they operate, BHP Billiton has set the bar for other companies to follow.

“Working with communities is a highly effective way to contribute to conservation,” said Maxine Wiber, Vice President, Closed Mines, BHP Billiton Base Metals.





Inco Limited

Surf Scoter

Scott Gilliland, Canadian Wildlife Service

Inco Limited knows that clean, safe and prosperous communities are essential to society and to their corporate well being. Approximately 80 percent of Inco's employees at their Voisey Bay mine site are from Labrador and half of those are of Aboriginal descent. Inco wanted to play a part in a conservation project involving its employees, the community and the wildlife that are fundamental to the area's culture and survival.

In 2004, Inco partnered with the Canadian Wildlife Service and Sikumiut Environmental Management Ltd. in support of the North American Waterfowl Management Plan's Sea Duck Joint Venture. The purpose of the partnership was to develop surf scoter management strategies and fund surf

scoter population assessments around the archipelagos of Black, Nukasusutok and Igloisiatik Islands along the Labrador coast.

Why surf scoters? Surf scoters are the least-known and least-studied of all North American sea ducks. What is known about surf scoters is that continental populations have declined by over 50 percent since the late 1970s. Named for their propensity to forage in ocean surf and breaking waves, they are one of the least vocal of all waterfowl species. Surf scoters are also an important species for the Labrador Region – U.S. and Canadian estimates for the eastern North American surf scoter harvest is about 30,000 birds annually.

To garner much-needed information on one of North America's quietest waterfowl species, the partnership established a banding program to help members of the community and scientists improve their surf scoter knowledge. Current population status, migration routes and habitat needs will be studied as well as the influence of disease, contaminants and harvest on the species' life cycle. Satellite transmitters have been implanted in 15 adult males.

Approximately 80 percent of Inco's employees at their Voisey Bay mine site are from Labrador and half of those are of Aboriginal descent. Inco wanted to play a part in a conservation project involving these employees, the community and the wildlife that are fundamental to the area's culture and survival.

The main study area of the project is within the Nunatsiavut Land Claim of Labrador. Here, local Inuit are sharing their traditional and historical ecological knowledge of surf scoters and their habitat.

Recently, a television special was produced on the community and featured the surf scoter capture technique. Local children were given the opportunity to name the surf scoters and later follow the birds via satellite tracking on a website. The show aired several times on the Aboriginal Peoples Television Network and has been well received by the community.



The information gained from this research is important to Inco. Results from the surf scoter study will be incorporated into Inco's Environmental Management Plan under oil spill emergency response planning, air and marine traffic routes and schedules and baseline data on contaminants.

Canadian Wildlife Service biologists herd a flock of surf scoters towards the capture site for banding and measuring.

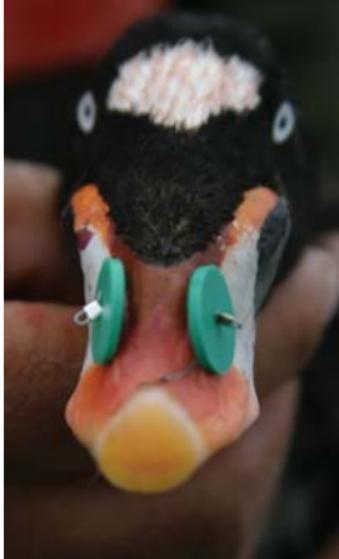
Scott Gilliland, Canadian Wildlife Service

Pierre Ryan with the Canadian Wildlife Service bands an adult male surf scoter as part of research to understand the species' population status, migration routes and habitat needs.

Scott Gilliland, Canadian Wildlife Service

This project provides the community and the continent with valuable and necessary scientific knowledge about surf scoters. It is also proving to be an excellent opportunity to build capacity and trust among industry, government and the local Aboriginal community.

Cooperative partnerships such as these will be the template for future generations. Inco Limited and their team of staff are to be commended for supporting and participating in Labrador surf scoter research.



A male surf scoter sports a temporary nasal marking tag for tracking purposes; the tags dissolve in the salt water after the study.

Scott Gilliland, Canadian Wildlife Service

Inco Limited is one of the world's largest nickel mining companies, employing over 10,000 people around the world. They are committed to sustainable mining practices.





Iron Ore Company of Canada

Sustainability is a priority within the mining industry. What happens to a community once the area has been mined and the mine has closed? Mining companies across Canada are recognizing the importance of incorporating sound conservation planning and practices into their business strategies.

When it comes to mine tailings, one company in particular, is leading the way. The Iron Ore Company (IOC) of Canada is setting a conservation standard in Labrador City, Newfoundland and Labrador. In partnership with the North American Waterfowl Management Plan's Eastern Habitat Joint Venture (EHJV), IOC is ensuring that a positive legacy remains long after the company ceases production in the area.

IOC has opted to go beyond the existing environmental regulations associated with the stabilization of mine tailings. The "Tailings to Biodiversity Initiative," launched in 2003, will result in a mosaic of wildlife and plant habitat rather than the monoculture of grasses associated with the traditional methods of stabilizing mine tailings.

Wetland, upland and riparian habitats are being created through the innovative use



of the inert tailings mixture of rock and sand. Over the next 50 years, thousands of hectares of "new" habitat will be established, benefiting migratory birds such as American black ducks, Canada geese, common terns, shorebirds and many other wildlife and plant species. Early estimates indicate that the cost to develop and maintain these wetlands may be either cost-neutral or even less than traditional re-vegetation.

The IOC has long recognized the importance of community support and

Before (left): The creation of wetland habitat on IOC mine tailings sites has become integral to the Company's overall business planning.

Sonya Flynn

After (below): It does not take long before waterfowl take advantage of the new staging habitat on their migration route.

Iron Ore Company of Canada

Mining companies across Canada are recognizing the importance of incorporating sound conservation planning and practices into their business strategies.

engagement. Since approximately 2,000 people within the Labrador West communities are employed by IOC, it is essential that these employees are involved in IOC community activities. So far, it is working. Employees are proud of their conservation programs and have partnered with local birders to record the species and numbers of migratory birds at the tailings area during International

IOC's current mine and process facilities are located near the town of Labrador City, a community of approximately 9,000 in the Province of Newfoundland and Labrador. The facility began operating in 1962 and since then has produced over one billion tonnes of crude ore. The site has known reserves of 1.4 billion tonnes – enough to support operations for the next 50 years.

Migratory Bird Day. This level of community and company interest and commitment is a tremendous benefit to both IOC and the entire community.

The IOC and EHVJ partnership has also resulted in the protection of wetlands that are under the jurisdiction of two local communities. The EHVJ's Municipal Wetland Stewardship Program encourages municipalities to become active stewards of the wetlands within their jurisdiction. The IOC provided both moral support and a cash contribution from their parent company (Rio Tinto) to the EHVJ to begin negotiations with the Town of Labrador City. The company went one step further and also encouraged the adjacent Town of Wabush, which is associated with another mining company, to become involved.

Municipal Wetland Stewardship Agreements were signed with these towns on March 7, 2005, securing 5,253 hectares of wetland and associated upland habitat. In association with these agreements, the IOC signed a Commitment Agreement with the Province and the Town of Labrador City through the EHVJ to support the implementation of wetland-focused education programs in local schools. The program includes hosting management and staff



Native plants are introduced to the wetlands to help create and sustain healthy wildlife habitat.

Erin Flynn

field trips to IOC tailings sites. Birds take note: The tailings sites provide some of the best birding habitat in the region.

In 2005, in recognition of their contribution to North America's wetlands, waterfowl and other wetland-dependant migratory bird populations, the IOC was honored with NAWMP's National Great Blue Heron Award. Upon receiving the award, IOC President and Chief Executive Officer, Terry Bowles commented, "the work we are doing and plan to do through biodiversity enhancement, partnerships with the communities and provincial governments and increasing the awareness of wetlands is important to IOC's overall sustainability goals. On behalf of IOC employees, we are proud of the recognition that our company has received; we will continue to strive to balance our social and environmental responsibility with our business decisions."

The Tailings to Biodiversity Initiative is closely monitored and evaluated annually to ensure maximum benefits and cost effectiveness. It has been recognized by the International Council on Mining and Metals (ICMM) as an example of how to integrate mining and biodiversity

The Iron Ore Company (IOC) of Canada is Canada's largest iron ore producer and a leading global supplier of iron ore pellets and concentrates. IOC is often the main employer in the communities in which it operates, employing nearly 2,200 people in the Provinces of Newfoundland and Labrador and Quebec alone.

conservation. The case study was featured in "Integrating Mining and Biodiversity Conservation: Case Studies from Around the World" published by the ICMM with the International Union for the Conservation of Nature in 2004. It is a companion to the document "Good Practice Guidance for Mining and Biodiversity" that was published by the ICMM in 2006.

The IOC takes great pride in showcasing their achievements and in their commitment to corporate responsibility regarding environmental practices.

The IOC is creating a legacy, not just the physical legacy of the Tailings to Biodiversity Initiative, but also a legacy within the minds and hearts of the residents of Labrador West. They recognize that a healthy and happy community, including the area's wildlife habitat, is essential to a productive and prosperous business.

The constructed wetland and adjacent habitat at Lafarge's Brookfield site will vegetate naturally over the years and provide a diversity of habitat for waterfowl and other wildlife.

Chris Richards, Lafarge North America

Lafarge North America

Running a successful business does not have to occur at the expense of the environment. Indeed, some of the largest companies in the world are now playing a crucial role in habitat restoration and preservation. Lafarge North America is one of those companies.

Lafarge North America recently entered into a partnership with the Nova Scotia/Eastern Habitat Joint Venture (EHJV) that will help to enhance and restore wetland and associated upland habitat on Lafarge land and in the surrounding communities.

Lafarge-supported activities will provide long-term protection for many species of wildlife and plants that are dependent upon wetland and associated upland habitats for their survival.

At one of their Nova Scotia operations, Lafarge owns and operates a cement plant and quarry in Brookfield, a small community near Truro. The plant and quarry are located amidst some of the provinces most fertile agricultural lands. Numerous small communities are dependent on these premium soils for their livelihoods. The area is also home to some of Nova Scotia's best known rivers – the Stewiackie, Shubenacadie, Salmon, North and Musquodoboit.

These rich, alluvial agricultural lands also contain productive freshwater wetlands. The wetlands provide essential habitat for wetland-dependent wildlife including several species of breeding waterfowl such as the American black duck, wood duck, green-winged teal, northern pintail and ring-necked duck, as well as other wildlife, including the wood turtle, a Nova Scotia species at risk. Regrettably, many of the region's wetlands have been treated for decades as nothing more than wastelands. Historical land use practices have resulted in the loss and/or degradation of wetlands and riparian habitat, streamside erosion and inferior water quality.

However, with the generous support and commitment of companies such as Lafarge North America, there is hope for the future.

Initially, 2 hectares of Lafarge quarry lands will be rehabilitated through placing and shaping excavated quarry overburden into shallow marshes surrounded by naturally seeded upland habitat. An additional 36.5 hectares of land within the surrounding agricultural landscape will be restored using sustainable wildlife- and wetland-friendly agricultural management practices. Educational programs will also be offered to the community.

The Wildlife Habitat Council (WHC), a U.S.-based corporate-led conservation organization, has assessed the Brookfield site as part of their habitat certification program. This is the first time that the WHC has assessed an industrial site in Nova Scotia.

Lafarge-supported activities will provide long-term protection for many species of wildlife and plants that are dependent upon wetland and associated upland habitats for their survival. The activities are also expected to usher wildlife-friendly management strategies into Lafarge's overall business planning.

Lafarge North America's long-term commitment to a sustainable future is contributing to achieving the North American Waterfowl Management Plan's conservation goals and helping Nova Scotia communities.

Lafarge North America is the largest diversified supplier of construction materials on the continent. The Company employs over 80,000 people worldwide.



The multi-coloured wood duck (pictured) is one of the beneficiaries of Lafarge's wetland conservation activities.

Ducks Unlimited Canada

Wood Duck chicks

Ducks Unlimited Canada





Enbridge Inc.

Enbridge Inc. is committed to excellence in implementing environment, health and safety standards that not only comply with legislated requirements but also respond to the social, economic and environmental expectations of its communities, customers, shareholders, government and the public.

Blue-winged teal and mallards (pictured) made up 73 percent of the nests found on the quarter section, with a respectable 19 percent success rate.

Ducks Unlimited Canada

Thanks to a generous corporate donation from an astute conservation partner, a wetland-rich, 62-hectare parcel of land in Manitoba is secured for waterfowl and wildlife.

The quarter-section of land near Baldur, Manitoba, was leased to Ducks Unlimited Canada (DUC) for 13 years. Over the years, DUC established nesting cover on 31 arable hectares with a mixture of grasses and legumes. In 2002, the landowner expressed interest in selling the quarter section and DUC was given the right of first refusal.

The land is one of the area's better quarter sections of natural habitat, due partly because it still contains original native grasslands. DUC was keen to secure this valuable waterfowl habitat but lacked the necessary funds to make the purchase. There was a high risk of losing the wildlife values of this prime natural land until Enbridge Inc. stepped up with a \$50,000 donation to underwrite the purchase.



Black-crowned Night Heron

Ducks Unlimited Canada

in southwestern Manitoba – one of the province’s highest waterfowl producing regions,” said Bob Grant, DUC Manager of Operations in Manitoba.

Long-term protection of natural habitat combined with complementary agricultural programs for producers is a priority in the Prairie landscape, where wetlands have been frequently drained to facilitate agricultural practices. By enabling this land purchase, Enbridge gave DUC the foundation to support additional waterfowl-friendly projects. This building block approach will ultimately provide a lasting legacy for a diversity of waterfowl and other wildlife habitat.

Over the next several years, the existing grass and legume stand will be replaced with a diverse multi-species, native grass mixture suitable to the soil while also providing quality long-term nesting habitat for waterfowl. Once established, this native stand will improve the biodiversity of the area, and require only minimal, periodic management to maintain vegetative

vigor and sustainability. Management will be carried out every 6 to 8 years using proven techniques such as haying, grazing and/or burning.

Mark Francis, a DUC habitat specialist who spent considerable time on the quarter section in the mid-1990s while working as part of the Prairie Habitat Joint Venture (PHJV) Assessment Study, knows that the good mix of wetlands and upland cover on the property makes it attractive not just to waterfowl, but to moose, sharptail grouse, white-tailed deer and other wildlife species. “We found 78 waterfowl pairs per square mile here in 1996, which is quite high; 68 nests were established on this quarter alone,” said Francis. “Blue-winged teal and mallards made up 73 percent of the nests found on the quarter, with a respectable 19 percent nesting success rate.”

Thanks to the timely generosity of Enbridge, and the foresight of a conservation-minded landowner, waterfowl and wildlife will continue to benefit from this valuable habitat well into the future.

Enbridge is a leading energy transportation and distribution company active in North America and internationally. A long-time supporter of DUC, Enbridge has contributed to a number of habitat conservation and education initiatives across the Prairies. “With this purchase, Enbridge boosted our ongoing conservation efforts

A long-time supporter of DUC, Enbridge has contributed to a number of habitat conservation and education initiatives across the Prairies.

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Mark Francis, Ducks Unlimited Canada





Ontario Power Generation

Common Merganser pair

Ducks Unlimited Canada

Ontario is home to over a third of Canada's growing population, and 94 percent of that population base resides in Southern Ontario. Not surprisingly, land values and land demands in Canada's largest sprawling metropolis are increasing rapidly. As a result, wetlands and woodlands are facing escalating pressures from residential and commercial development. To ensure balance and sustainable development of this area's vital natural habitat, it is imperative that government and industry, nongovernmental organizations and communities work together.

One company playing an important role in helping to ensure a balanced approach to Southern Ontario's environmental conservation initiatives is Ontario Power Generation (OPG). OPG is a major electricity producer with operations across the Province. The Company is acutely aware of its environmental impact and continually strives to implement environmentally friendly strategies into their planning operations.



One of the ways in which OPG manifests its environmental commitment is through its ongoing support for Ontario wetlands.

The Company is a generous supporter of Ducks Unlimited Canada (DUC) and has contributed significantly to Eastern Habitat Joint Venture (EHJV) wetland habitat conservation projects in Ontario.

Some of OPG's wetland conservation projects include:

- Contributing toward the maintenance of Hilliardton Marsh, a 208-hectare wetland complex north of Englehart, Ontario.

Ontario Power Generation (OPG) is an Ontario-based electricity generation company whose principal business is the generation and sale of electricity in Ontario. OPG focuses on the efficient production and sale of electricity from its generation assets, while operating in a safe, open and environmentally responsible manner.

Common Merganser flock

Ducks Unlimited Canada

- Investing to help restore degraded wetlands within the Long Point Wetland Complex, near Port Rowan. These restored wetlands and mudflats now provide healthy habitat for waterfowl, songbirds, marshbirds and a variety of migratory shorebirds and other species of wildlife.
- Donating toward the purchase of the 64-hectare Pigeon Marsh, near Lake St. Clair, an area of continental and global importance. Due to their geographic location and productivity, the Pigeon

Marsh and Lake St. Clair wetlands provide essential staging habitat for ducks, including canvasback, redhead, mallard and American black duck as well as geese, swans, passerines and shorebirds. The marsh supports 700 known plant species, 220 species of birds and a variety of mammals, reptiles and amphibians. Over 80 of these species are considered at risk.

- Contributing to Big Creek Marsh in Long Point, just a few kilometers away from the Port Rowan project. The ecological importance of the Long Point area and the Big Creek marshes is internationally recognized.
- Giving to the “Second Chance for Second Marsh” Campaign in Oshawa. Second Marsh is one of the largest of the few remaining wetlands on Lake Ontario’s north shore and is the most expansive remaining urban wetland in the greater Toronto area. A rich and diverse habitat, the marsh contains almost 400 known plant species, 291 bird species as well as numerous species of reptiles, amphibians, mammals, invertebrates and fish.

“OPG is an important partner for DUC and the EHWJ,” said Jamie Fortune, DUC Director of Operations for Eastern Canada. “While corporate support is very



The 208-hectare Hillardton Marsh Conservation Reserve provides excellent waterfowl habitat as well as important recreational and educational opportunities for the local communities.

Lynn Mader, Ducks Unlimited Canada

important, so too are the contributions of OPG and its staff to DUC’s fundraising events at the community level. In combination, this support is making a big difference on the ground in Ontario.”

According to Dr. Blair Feltmate, OPG’s Director of Sustainable Development, “The conservation of biological diversity is a core value at OPG. Accordingly, OPG is

One of the ways in which OPG manifests its environmental commitment is through its ongoing support for Ontario wetlands.

proud to support DUC’s ongoing efforts to preserve key wetland habitats throughout Ontario.”

OPG is committed to enhancing the quality of life in the communities in which it operates. The Company has a progressive Biodiversity Policy that provides financial and in-kind support through its Corporate Citizenship Program to a number of environmental organizations whose initiatives reflect OPG’s sustainable development vision. It is indeed encouraging to see a large and important organization such as OPG continuing to play a leadership role in making crucial and significant contributions to Ontario’s environmental heritage.

Ontario Power Generation’s Patrick McNeil, Ducks Unlimited Canada volunteer, Tom Worden, Oshawa Mayor, Nancy Diamond and Ducks Unlimited Canada volunteer, Tod Wright, at the “Second Chance for Second Marsh” Campaign. The Marsh is one of the largest of the few remaining wetlands on Lake Ontario’s north shore and is the most expansive remaining urban wetland in the greater Toronto area.

Ducks Unlimited Canada



North American Waterfowl Management Plan

Corporate Partners

Canadian North American Waterfowl Management Plan partners would like to thank the following corporate partners for their ongoing generosity and dedication to waterfowl and wetland conservation in Canada.*

Access Land Services Ltd.
Action Land Consultants (2001) Ltd.
Advance Land Services
Agricore United
Aguila Exploration Consultants Ltd.
Ainsworth Lumber Company Ltd.
Alberta Land and Lease Limited
Alberta-Pacific Forest Industries Inc.
Alliance Pipeline Ltd. Partnership
Alta Energy Corporation
Alta Gas Services Inc.
Anadarko Canada Corporation
Anderson Exploration Ltd.
Antelope Land Services Ltd.
Apache Canada Ltd.
ARC Resources Ltd.
Arctos Land Corp.
Argent Energy Inc.
Arnett & Burgess Oilfield Construction Ltd.
Artemis Energy
Artemis Exploration Inc.
Aspen Endeavour Resources Inc.
Atco Electric Ltd.
Atco Gas
Atlas Land Consultants Ltd.
Avalanche Energy Limited
Avid Oil & Gas Ltd.
BP Canada Energy Company
Barbeejay Supplies Ltd.
BASF
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BayTex Energy Ltd.
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Bighorn Land & Field Service Ltd.
Bonavista Energy Trust Ltd.
Bonavista Petroleum
Bowler Mersey Paper Company Ltd.
Bowser Consulting Ltd.

Boyd Petro Search
Brigus Resources Ltd.
British Petroleum Canada
Britt Resources Ltd.
Brunswick Mining & Smelting
Burlington Resources Inc.
Byrne's Agri Service Ltd.
Cabre Exploration Ltd.
Cabrera Resources Ltd.
Canada Malting Co. Ltd.
Canada West Land Services Ltd.
Canadian Landmasters Resource Services Ltd.
Canadian National Railway
Canadian Natural Resources Ltd.
Canadian North Airlines
Canadian Pacific Railway
Canetic Resources Trust
Cannat Resources Inc.
Capitol Energy Resources Ltd.
Cargill Inc.
Carlton 142 Inc.
Carriage Lane Estates Inc.
Cavalier Land Ltd.
Centrica Canada Limited
Challenger Development Corporation
Chamaelo Energy
Choice Resources Corp.
Clear Environmental Solutions Inc.
Compara Energy Services Inc.
Complete Land Services Ltd.
Compton Petroleum Corporation
Conoco Phillips Canada
Cordero Energy Inc.
Cossack Land Services Ltd.
Crispin Energy Inc.
Crystal Landing Corporation
Culane Energy Corp.
D.J. Old Ltd.
Data Trek Exploration (1986) Ltd
Desmarais Energy Corporation
Devon Canada Corporation
Dhalwal Farms Ltd.
Dominion Energy Canada Ltd.
Dow AgroSciences
E-Bay Oilfield Contracting Inc.

Echoex Ltd.
Edwards Land (Calgary) Ltd.
Enbridge Inc.
EnCana Corporation
EnerMark Inc.
Enterra Energy Corp
Equatorial Energy Inc.
Esprit Exploration Ltd.
ExxonMobil Canada Energy
Farquharson Farms Ltd.
Feed - Rite Ltd.
First National Properties Group
Fletcher Challenge Canada Ltd
Flexi-Coil
Foothills Pipe Lines Ltd.
FortisAlberta Inc.
Galfour Development Corporation
Galleon Energy Inc.
Genstar Development Partnership
Gentry Resources Ltd.
Geoid Exploration Ltd.
GeoTir Inc.
Grand Petroleum Inc.
Grandir Resources Ltd.
Gray Diamond Construction & Water Hauling Ltd.
Hopewell Development Corporation
Horizon Land Services Ltd.
Hughes Oilfield Construction Ltd.
Husky Oil Operations Ltd.
Impact 2000 Inc.
Imperial Oil Resources Ltd.
Inco Limited
Inland Cement Ltd.
Integrated Geophysical Consultants Ltd.
Integrity Land Inc.
IPSCO Inc.
Iron Ore Company of Canada
Island Fertilizer Inc.
J.D. Irving Ltd.
James Maclaren Industries Inc.
James Richardson International
JED Oil Inc.
Keyera
Kimberly-Clark Nova Scotia
Krang Energy Inc.

Kruger Inc.
L. Griffin Management Inc.
Lafarge North America
Land Solutions Inc.
Landquest Services Ltd.
LandWest Resource Services Ltd.
Lignum Limited
Lockhorn Exploration Ltd.
Logistex Land Services Ltd.
Longstaff Land Surveying Ltd.
Loose Foot Computing Limited
Louisiana Pacific Corporation
Lucas Bowker & White
Luscar Ltd.
LXL Consulting Ltd.
Majestic Land Services Ltd.
Manitoba Hydro
Maverick Land Consultants (87) Inc.
McGill University
McNally Land Services Ltd.
Meighen Haddad & Co.
MGV Energy Inc.
Minco Gas Co-op Ltd.
Mining Association of Canada
Moose Mountain Buffalo Ranch
Mosanto Canada
Mountain Equipment Co-op Ltd.
MSL Land Services Ltd.
Municipal District of Wainwright
Navigo Energy Partnership
Newport Petroleum Corporation
Nexen Inc.
Niven & Associates Inc.
Norcana Resource Services (1991) Ltd.
Nordic Pressure Services Inc.
Northrock Resources Ltd. (Canada)
Omera Resources Limited
Ontario Power Generation
Outlook Energy Corporation
OutSource Seismic Consultants Inc.
Pan Canadian Petroleum Limited
Pangea Land Ltd.
Paramount Energy Trust
PB Industries Ltd.
PCL Construction Management Inc.
PENGROWTH CORPORATION

Penn West Petroleum Ltd.
Petro Line Upgrade Services Ltd.
Petrofund Corp.
Petroland Services Ltd.
Pickleseed Canada Inc.
Pierce Reston Inc.
Pioneer Land Services Ltd.
Poplar Hill Resources Ltd.
Prairie Land Consultants Inc.
Prairie Land Service Ltd.
Prairie Mines and Royalty Ltd.
Prairie Plantation Inc.
Price Waterhouse Coopers
Progress Energy Ltd.
Progressive Exploration Services
Prospect Oil and Gas Management Ltd.
Real Resources Inc.
Remington Development Corporation
Renton Land Services (1983) Ltd.
Resolution Land Services Ltd.
Richland Petroleum Corporation
Rife Resources Ltd.
Rival Energy Ltd.
Road Runner Land Group Ltd.
Roger Hagen Construction Inc.
Roy Northern Land Service Ltd.
Saskatchewan Minerals
SaskTel
SBW Cattle Company Ltd.
Scott Land and Lease Ltd.
Seamac Land Services Ltd.
Search Energy Corp.
SeCan
Seisland Surveys Ltd.
Shell Canada Products Ltd.
Shiningbank Energy Income Fund
Sierra Vista Energy Ltd.
Signalta Resources Limited
Sims and Company
Skelton and Company Law Office
Slave Lake Pulp Corporation
Slocan Forest Products Ltd.
Standard Land Company Inc.
Star Oil & Gas
Starboard Gas Ltd.
Suncor Energy Inc.

Sundance Forest Industries Inc.
Sundance Land Services Ltd.
Syn crude Canada Ltd.
Syngenta Crop Protection Inc.
Talisman Energy Inc.
Tappitt Resources
Tasman Exploration Ltd.
TD Canada Trust
Teck Cominco Limited
Tembec Inc.
Tempest Energy Corp.
Tera Environmental Consultants
Terra-Sine Resources Ltd.
Thompson & Associates, Inc.
Thunder Energy Inc.
TimberWest Forest Corp.
Touchdown Land Consultants Ltd.
TransAlta Utilities
Transcanada Pipelines
Transfeeder Inc.
TransGas
Traverse Landgroup Ltd.
Trident Exploration Corp.
TriStar Oil & Gas Ltd.
True Energy Inc.
Tudor Corporation Ltd.
United Grain Growers
Univex Land Services
Val Vista Energy Ltd.
Vermilion Energy Trust
Wayco Land Services
Western Feedlots
Weyerhaeuser
Zargon Energy Trust

* This list was compiled from data available through the NAWMP National Tracking System. We apologize for inadvertently omitting any corporate partner.

The POWER of PARTNERSHIP

Human activity, whether business or pleasure, has an environmental impact. Like any business, Ontario Power Generation (OPG) can have an impact on the environment. OPG is aware of this and partners with North American Waterfowl Management Plan members, like Ducks Unlimited Canada, to help conserve habitat for the benefit of wildlife and people.



For more information visit
www.opg.com

ONTARIO **POWER**
GENERATION

The Mining Association of Canada has launched the Towards Sustainable Mining (TSM) initiative. Through its guiding principles and **COMMON** the development of performance criteria, TSM provides a strategy for aligning the actions of the mining industry with the priorities and values of Canadians.

GROUND

TOWARDS SUSTAINABLE MINING *TSM*



Finding common ground with our communities of interest

"TSM is helping the mining industry raise the bar and demonstrate to our communities of interest that we are very serious about improving our social and environmental performance."

— Peter R. Jones, President and CEO of HudBay Minerals and Chair of The Mining Association of Canada



TSM

The Mining Association of Canada
613-233-9391 www.mining.ca





Sound Science



Landscape Level



Partnership Approach

Agriculture

Agricare United
Cargill Inc.
Syngenta Crop Protection Inc.

Forestry

Alberta-Pacific Forest Industries Inc.
J. D. Irving, Limited
James MacLaren Industries Inc.
TimberWest Forest Corp.

Mining

BHP Billiton
Inco Limited
Iron Ore Company of Canada
Lafarge North America

Energy

Enbridge Inc.
Ontario Power Generation



North American Waterfowl
Management Plan
Plan nord-américain de
gestion de la sauvagine
Plan de Manejo de Aves
Acuáticas Norteamérica

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