

SUSTAINABILITY

TEAMING WITH INDUSTRY TO PROTECT NATURAL TREASURES

SPECIAL ISSUE
3

FACTS

ABOUT B.C.'S
SUSTAINABLE
INITIATIVES

British Columbia's efforts replenish the
Great Bear Rainforest—and beyond

Greening the streets
Cleaner fleets for
public service
vehicles



Boost business
With green initiatives
in the workplace



Home grown
Reducing the impact
of B.C.'s forestry
industry

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CHALLENGES



FACT

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B.C. IS A FRONT
RUNNER IN
CLIMATE
CHANGE
INITIATIVESROOTING DEEP
Ancient old-growth
vegetation.

PHOTO: WWF-CANADA, A.S. WRIGHT



WE RECOMMEND

**Home grown**
The measures taken to ensure B.C.'s forestry industry gives back as much as it takes.

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“B.C. is one of the world’s leaders in having sustainable and certified forests.”

Green fleets p.6
Public service vehicles join the fight for fresh air**Water, water everywhere** p.7
Making the most of our marshes

Home to some of the most diverse and beautiful **natural resources** in the world, British Columbia is finding itself a front runner in the sustainable **business** race.

Our forests, our water, our climate

Picture this: In the middle of a rainforest, a giant cedar tree is dying of thirst because in a warming climate, its roots are freezing.

This conundrum—described by University of British Columbia geographers Lori Daniels and Tom Maertens—illustrates one of the biggest threats to the future health of our forests and freshwater: Climate change. It also demonstrates the critical role water plays as the planet heats up.

Daniels and Maertens, along with scientists from Alaska’s Pacific Northwest Research Station, study Pacific Rim yellow cedars. Their research suggests the cedars have been declining over the last 100 years because they haven’t been getting enough water. Not, as you might think, because of drought, but because an average warming of .6 degrees is bringing more rain than snow to the region. Without winter’s protective ground cover, the cedar roots are damaged by cold snaps, the entire root system becomes weakened and the tree can’t take in enough water to survive.



Linda Nowlan
Director, Pacific Conservation
WWF-Canada

“Together we can create the best possible future for Canadians and for the planet.”

When the climate changes, everything changes

“If climate change is the shark, then water is its teeth,” says Paul Dickinson, CEO of Britain’s Carbon Disclosure Project. The impact of warming temperatures may be felt, not just as drought or flood, but through changes to nature’s entire water cycle.

We will feel the bite in thousands of

complex ways.

The good news is that some of the world’s leading work to combat climate change is happening right here. Businesses are in a race to go carbon neutral. Industry, government, communities and environmental partners are tackling conservation challenges together. British Columbians, perhaps more than anyone else in Canada, want action.

In fact, an overwhelming 94 percent of British Columbians recently polled say they want new laws to protect the province’s freshwater ecosystems.

Tackling challenges together

In B.C., WWF is working with scientists, governments and community leaders to help reduce the stress ecosystems will face in the future. Some of the world’s leading companies are also stepping up to take action.

Catalyst Paper, one of North America’s largest producers of mechanical printing papers, set one of the most ambitious emissions reduction goals of any large corporation worldwide. Through WWF’s Climate Saver program, Catalyst has reduced greenhouse gas emissions by 85 percent since 1990.

Along the way, the company found that protecting the environment also helped increase efficiency and save money.

This partnership is developing new tools to help communities plan for their future in the face of climate change impacts.

For people as much as for cedar trees, water will be one of the biggest sustainability issues we face. The B.C. government has promised to update our century-old Water Act. So WWF is working with other groups to ensure that the new law protects water for nature and for people. That means making sure that we always leave enough water in a river to sustain healthy ecosystems. And that we safeguard our groundwater, B.C.’s threatened “buried treasure”.

Canadians are among the leading producers of greenhouse gases which cause global warming. Turning that around may seem like an insurmountable challenge, but here in B.C., we have the partnerships, the ideas, and the will to be a leader in clean energy and other sustainable solutions. Together we can create the best possible future for Canadians and for the planet.

Clean technological advancements

Canada has emerged—through the work of entrepreneurial companies and industry—as a leader in innovative technologies that marry environmental stewardship with economic prosperity.

Clean technologies provide better environmental and economic performance, making economies more competitive, creating new market opportunities, driving productivity growth (Canada’s central economic challenge), and protecting existing jobs while creating new jobs for skilled workers. These innovations are revolutionizing the industries at the heart of the Canadian economy, notably oil and gas, mining, forestry and agriculture.

Clean technologies are also having a direct impact on the lives of Canadians. Applications like smart grid and energy-use monitoring are reducing our hydro bills. Applications that manage indivi-



“Firms and governments increasingly recognize this as central to both environmental and economic performance.”

Vicky J. Sharpe
President & CEO
Sustainable Development Technology
Canada

dual lighting needs or provide natural light inside a building are creating a better workspace. Alternative transportation technologies have the potential to reduce our gas bills while, at an industrial-level, reducing customer costs for food and retail items in the longer term.

British Columbia is playing a leadership role in bringing these innovations to commercial reality. Looking at SDTC’s portfolio alone, there are over 40 BC-based companies commercializing innovative technologies across all ma-

nor sectors of the economy.

In the building sector, this means technologies like gasification systems that enable customers to self-generate clean, low cost heat and power using waste fuels. It also means solutions like an intelligent energy management platform that provides building owners and occupants with accurate and user friendly building energy and resource consumption information, significantly cutting energy bills.

BC-based companies have also come

up with solutions to reduce the environmental impacts of the transportation sector, for example by developing technologies that allow engines to operate on clean-burning gaseous fuels such as liquefied natural gas (LNG).

Finally, in the forestry sector, they have discovered ways to produce high-value added chemicals, such as lignin and glycols, from wood waste, thereby creating new revenue streams from waste and hence moving this mainly commodity-oriented industry up the value chain.

The development, adoption and diffusion of clean technologies throughout our economy is happening in real time, because firms and governments increasingly recognize this as essential to both environmental and economic performance. Canada, and British Columbia, are well-positioned for long term success in this clean-tech revolution.



DID YOU KNOW?

In good spirits

! In 2007, WWF recognized the Great Bear Rainforest Agreement with a Gift to the Earth—the global organization’s highest accolade for a contribution to conserving the living world. The Great Bear Rainforest Agreement provides increased protection and ecosystem management for 6.4 million hectares of coastal rainforest along BC’s north coast—home of the Kermode or “Spirit” Bear.

Courtesy of WWF-Canada

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*City of Kelowna pre-feasibility study, January 2010

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Doug Tufts,
Commercial and Industrial
Energy Solutions Manager
FortisBC

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Sustainability. We've got our best people on it.



INSPIRATION

Mining the benefits of sustainable practice

HOW WE MADE IT

The mining industry is no stranger to controversy but companies like Teck Resources are making big strides to improve their environmental and social performance.

When sustainability and mining join forces

Greater public and media scrutiny is providing an impetus for governments and companies to get their environmental act together. Last October, for example, after a decade of withering criticism from the Commissioner of the Environment and Sustainable Development and others, the government tabled the Federal Sustainable Development Strategy (FSDS), which requires the Federal government to focus on environmental sustainability in its policies and decision-making.

PROFILE

Teck Resources

Teck is a diversified resource company committed to responsible mining and mineral development with major business units focused on copper, steelmaking coal, zinc and energy. Headquartered in Vancouver, Canada, its shares are listed on the Toronto Stock Exchange under the symbols TCK.A and TCK.B and the New York Stock Exchange under the symbol TCK. www.teck.com



David Parker
VP, Sustainability
Teck Resources

According to Environment Canada, the FSDS will raise the profile of environmental issues, placing them on the same footing as economic and social issues. The FSDS will affect industry, but many mining companies already see the value of corporate citizenship and are taking the lead themselves.

For example, Teck Resources has set itself ambitious sustainability targets. Last September, it was named to the Dow Jones Sustainability World Index (DJSI) indicating that Teck's sustainability practices rank in the top 10 percent of companies in the resource industry worldwide and was just previously awarded a Towards Sustainable Mining (TSM) award in 2009 for its achievements in these areas.

Cooperation is vital to improving image and bottom line

In Teck's 2009 Sustainability Report, CEO Don Lindsay flags an internal "cross-functional working group" composed of leaders from across the organization to gain a deeper understanding of sustainability. To ensure it had the most up-to-date data, Teck also developed a company-wide data management system to track and report on sustainability data.

The company discloses its GHG emis-



RESOURCE RICH
The mining industry is taking measures to protect B.C.'s natural treasures
PHOTO: FORESTRY INNOVATION INVESTMENT

sions through a number of avenues, including the Carbon Disclosure Project, and the Mining Association of Canada's TSM program. "Energy use and greenhouse gas (GHG) emissions management is a key focus for Teck given the energy-intensive nature of our operations," explains David Parker, VP of Sustainability.

Industries need to manage wa-

ter usage

Teck has also developed a Water Management Policy.

"[Our company] engages with communities of interest early to understand local priorities and avoid or mitigate impact by considering community needs into project design; all viable water use and supply options are considered when planning major projects," says Parker.

Water is extensively recycled through-

out all of our industrial processes, to minimize the amount of freshwater intake." Its 2009 Sustainability Report also noted that Teck's total water use had decreased by about five percent between 2008 to 2009.

DAMIEN LYNCH

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SO DOES OUR
COMMITMENT TO
SUSTAINABILITY.**

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NEWS

FACT
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40 TREES ARE PLANTED EACH YEAR PER PERSON IN B.C.



NEWS IN BRIEF

Joining forces from mulch to market

The global forestry market itself has been marred with illegal logging and other unsustainable practices.

But tougher regulations and environmental footprint-conscious decisions in Canada have helped build a “greener” pulp, paper and wood market.

Avrim Lazar, president and CEO of the Forest Products Association of Canada and chair of the Advisory Committee on Paper and Wood Products to the United Nations says “environmental credentials” are essential.

“There’s always a danger of being shut out of markets based on environmental decisions,” says Lazar. “We’re looking to translate our environmental credentials into market advantage.”

He says the key is “extracting more value from each tree.”

Biomass—waste left over from the manufacturing process—can be converted into biofuels that can be burned for energy or used as substitutes in the production process.

According to Natural Resources Canada, bioenergy provided 58 percent of the energy used by the pulp and paper sector in 2007.

“We’ve gotten onto such a positive path that the environmental groups have partnered with us—they’re no longer campaigning against us,” notes Lazar.

A forest-saving framework

In May 2010, 21 forest companies and nine environmental organizations signed the Canadian Boreal Forest Agreement aimed at setting a framework for responsible forestry.

Steven Price, senior director of Conservation Science and Practice at WWF says that work to establish the Forest Stewardship Council helped to lay the groundwork for the Boreal agreement.

“It’s an exciting and ground-breaking agreement between two sectors that are normally at war with each other,” says Price.

“A tree was still cut to make this product. It’s not perfect but it makes less impact than other products,” says Price.

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A SOCIAL LICENSE TO LOG
Industry is becoming increasingly sensitive to replenishing resources.
PHOTO: FORESTRY INNOVATION INVESTMENT

BC: a stronghold for sustainable forestry

From the jagged Rockies to the ocean-kissed coast, British Columbia is known for its diversity in geography, plants and wildlife and with about two-thirds of British Columbia’s total 95 million hectares covered in forests, it’s hard not to imagine the Western province’s friendly attitude towards forestry.

Peter Lister, vice president of FPInnovations, a non-profit that provides green solutions for the forest sector, says the province is forward-thinking when it comes to sustainability.

“B.C. is one of the world’s leaders in having sustainable and certified forests,” says Lister.

Since the 1930s, more than six billion trees have been planted in B.C., according to data provided by the Forestry Innovation Investment (FII). Today, 40 trees are planted a year per person [in BC].

“As a society we consume resources, and we should make sure the resources are replaced,” says Lister.

According to data from FII, since 1990, pulp and paper facilities in B.C. have reduced their greenhouse gas emissions by 62 percent.

A key component in sustainability is

examining soil disturbances and damage to wetland ecosystems.

“We try to promote wood structures that protect waterways better,” says Lister, “to make sure these sediments aren’t going into fish streams.”

Life partners

But keeping sustainability in the forefront requires everyone to play his or her part.

“Historically, industry and government didn’t work as closely with each other as they should,” says Lister. “Industry today is much more sensitive to the social license to operate.”

According to the Council of Forest Industries in B.C., more than 270,000 British Columbians (14 percent of the total workforce) are employed (directly or indirectly) by the forest industry.

Maia Becker, vice president of the Forest Stewardship Council says the goal of FSC—which labels sustainable forest products—is “to put the power of how our forests are handled in the hand of the purchasers.”

“Since the founding of FSC we have over 40 million hectares of FSC-certified forest,” says Becker. “Six years ago there were only four million.”

According to data collected by the Uni-

versity of British Columbia there are over 50 species of trees native to the province.

Becker points to the provinces Great Bear Rainforest as a crowning achievement of FSC.

“It’s one of the largest FSC-certified forests,” says Becker.

The Great Bear Rainforest, a 64,000 km coastal temperate rainforest running from Vancouver Island north to the border of Alaska, is home to a diverse group of plants and wildlife.

In mid February, B.C.’s chief forester,

Jim Snetsinger, proposed to reduce the annual timber cut allowance in the rainforest by 23 percent to 767,000 cubic metres.

The mid-coast timber supply area in the Great Bear Rainforest covers 2.7 million hectares on B.C.’s central coast.

The change in protection policies reflects the province’s ambitions towards sustainable forestry.

No time to waste for fuel alternatives

It’s no secret that British Columbia is currently in the thralls of one of the largest recorded mountain pine beetle outbreaks in North America, which has infested and killed about half of British Columbia’s commercial pine forests.

But for some, the outbreak has a silver lining.

“If you were to take two-tenths of one percent (of the infested wood) per year, that would be enough to meet the five percent renewable fuel standard for B.C.” says Ross MacLachlan, president and CEO of Lignol Biofuel.

He points that without the outbreak, the waste produced by the existing forest products industry is already close enough to the amount needed to produce the material necessary.

“It really is a tremendously promising thing for Canada to have this resource at its fingertips,” says MacLachlan.

Of course, the downside is a lack of cheap technology to produce cellulosic ethanol—the biofuel—from trees on a commercial scale.

The economics

Lignol breaks the biomass down into three components—cellulose, hemicellulose and lignin (which he points out could be used as a substitute for the binding chemical bisphenol).

“To date, there are no commercial-scale processes that are converting cellulose to ethanol,” says MacLachlan. “The projects that have demonstrated economic viability have only been done on hard wood at this point in time.”

According to MacLachlan, with fun-

ding from the B.C. Bioenergy Network and Sustainable Development Technology Canada, Lignol is working towards developing a commercial process for converting dead or dying infected wood into biofuels.

“It’s early going but we’ve had some good results,” says MacLachlan. “We’re a quarter of the way there.”

Michael Weedon, executive director of the B.C. Bioenergy Network—established in April 2008 with a \$25 million grant from the B.C. government—also looks to the hidden benefits of the beetle.

“The pine beetle presents a special opportunity,” says Weedon. “When (the wood) deteriorates you get more useful material—indirectly you’re getting more biomass.”

He says the economics are there since wood waste is, for the most part, still

buried just like other waste.

“There are lots of technologies being developed that will ultimately make it less expensive,” says Weedon.

With more government support for innovative clean energy, Weedon says it’s only a matter of time before biofuel sees an upsurge.

“We’re blessed with a tremendous natural resource here; we’ve got the right attitude and we’ve got government leading,” says Weedon.

UBC has begun its own work on a \$27-million green energy project that will generate enough clean energy to power 1,500 homes, partially fuelled by dead and decaying trees.

“We’re really on the cusp now,” adds MacLachlan.

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NEWS



NEWS IN BRIEF

Go green and boost business

A wave of eco-innovation is rolling across Canada and on the crest of that wave is a plethora of green-savvy businesses working towards a more sustainable future.

Lloyd Lee, business development associate for Climate Smart, an organization that helps businesses build more sustainable models, says the benefits are two-fold.

"The biggest motivation is cost saving," says Lee. "Working to reduce their carbon footprint ends up saving them money."

But it's not just about profit. Call it the Triple Bottom Line (people, plant, profit) or Corporate Social Responsibility—either way the concepts all distill into one message according to Lee.

"[Businesses] should be contributing to the environment rather than taking from it," says Lee.

In January, a 15-member roundtable of Canada's top "Green" companies addressed the challenges facing businesses going in a more sustainable direction. Andrew Wilczynski, director of Environment and Corporate Social Responsibility at Telus, and a member of the discussion, echoes Lee's sentiments.

"It's not just about the next quarter, it's about making sure the business is sustainable in the long term," says Wilczynski.

He says the concept of working for that social license to operate isn't new—it's the collaboration between businesses that is helping the movement gain momentum.

"The whole idea of CSR as a collective philosophy is new," says Wilczynski.

Stay green

Vancouver's Listel Hotel has been gradually morphing its business practices in an effort to lighten its carbon footprint.

The hospitality and tourism sector has seen its own spur of innovation in sustainability.

"A few years ago you rarely saw a guest commenting on environmentalism," says Jim Mockford, general manager of the hotel. "People are quite aware now."

In 2003, B.C. Hydro approached the hotel and offered to replace antiquated equipment and lighting as part of the company's Power Smart plan.

After the changeover, Mockford says the hotel's electrical consumption fell 20 percent.

"That was the first 'a-ha' moment for us," says Mockford.

Inspired by the change, he then approached Natural Resources Canada, who offered to subsidize and set up solar power with connection to the ground source heat pump.

Leave it to the locals

Mockford says it's no surprise that B.C. businesses are buying into sustainable business models.

"The people out here tend to be more in tune to that sort of thing," says Mockford.

Telus' Wilczynski also noticed the trend.

"A lot of it boils down to demographics," says Wilczynski. "I think B.C.'s a very green place."

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Clean fleets are a breath of fresh air

As technology pushes for greener fuel alternatives, companies employing return-to-base fleets (fleets that operate from a localized hub such as transit, waste management and parcel delivery) are increasing interest in natural gas from centralized stations.

"Twenty percent of the urban fleet market in North America has switched over to natural gas," says Darren Seed, vice president of Investor Relations and Communications at Westport Innovation, a natural gas engine technology company.

He notes that although 90 percent of that is south of the border, "it has started to build out here in Vancouver."

According to the Pacific Institute for Climate Solutions, transportation accounts for about 25 percent of Canada's total greenhouse gas emissions. Total emission from the sector increased by 27 percent between 1990 and 2005.

With greenhouse gas (GHG) emissions on the general public's mind, it's hard not to see a growing trend towards low emission public service vehicles.

British Columbia—where 37 percent of the province's total greenhouse gas emissions come from the transportation sector—has set an ambitious target to reduce GHG emission to 33 percent in 2020.

Seed points out that return-to-base fleets are the ideal sector for the technology.

"For transit or refuse it's usually hub and spoke distribution," says Seed. "You only need one or two stations to refuel the fleet."

**We have the tools**

Marcus Wong, corporate communications manager for FortisBC says the technology isn't new; it's just cheaper to use now.

"The technology has been around for 25 years," says Wong. "But it's only in the last five years that the technology for commercial vehicles actually became economically viable."

Seed says the other component necessary to entice companies is making sure routes are set up with refuelling stations.

"The development of natural gas as a viable fuel is paced with infrastructure," says Seed. "There's a corridor in B.C. that hopefully over the next year and a half will extend from Vancouver to Alberta and up to the oil sands."

No wasted time

In February, Waste Management teamed up with FortisBC to roll out 20 com-

pressed natural gas (CNG) waste collection trucks for the Lower Mainland/Metro Vancouver region in order to cut back emissions. The CNG trucks, part of a return-to-base fleet, will refuel at a CNG facility built by FortisBC at the Waste Management site in Coquitlam.

"It is the direction that our company is moving in," says Jackie Lang, Director of Communications for Waste Management's Pacific Northwest Division. "The new trucks are part of a longer initiative."

Lang says the waste management company is looking to convert 100 trucks in total to service the Lower Mainland region.

The new trucks release nearly zero air particulate and have 23 percent fewer greenhouse gas emissions.

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When the rubber hits the road we want it to be as sustainable as possible

Natural gas for fleet vehicles

Reducing emissions from the transportation industry is an achievable goal. And the solution is homegrown. Natural gas vehicles (NGVs) are reliable and have lower fuel costs* and emissions than gasoline or diesel.

For information on sustainable options for your fleet visit fortisbc.com/ngv

"I imagine a future where every bus, every waste hauler and every tractor trailer is fuelled by a cleaner, domestic resource—natural gas."

Vito Triggiano,
NGV sales

Terasen Gas and FortisBC now share one name—FortisBC.

*Source: Petroleum Price Database, MJ Ervin & Associates, March 2011, current and historical petroleum data including natural gas and diesel.

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NEWS

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WETLANDS REQUIRE VERY SPECIFIC PROTECTION



PROTECTING PUDDLES
The Creston Mudflats
PHOTO: DUCKS UNLIMITED CANADA

NEWS

Sustainability 101

As public sentiment shifts towards new ways to offset the effects of climate change, it's no surprise a variety of programs are cropping up to help educate businesses about sustainable practices and the tools available.

William Koty, director of the UBC Continuing Studies Centre for Sustainability at the University of British Columbia, helps to develop courses and curriculum that educate on sustainability.

“At its core, sustainability is a conversation about what kind of future we want as a society,” says Koty. “Business is a key driver in that conversation.”

Craft a conservation plan

The Centre for Sustainability tailors its curriculum for “small businesses, large corporations, not-for-profits and even governmental institutions that are trying to figure out how to minimize their ecological footprint and do good for society while still delivering customer value that translates to profit.”

Meliorin Pouladian, a purchasing manager at Lululemon Athletica, is a graduate of the UBC Summer Institute in Sustainability and is currently taking professional development courses in the Sustainability Management Program.

She says the program is “designed to test traditional practices and teach us how to help transform an organization to support a future in sustainability.”

“[The program] has allowed me to elevate sustainability within my department and to shift my mindset allowing me to keep all aspects of sustainability in mind when operating and making decisions,” says Pouladian.

Koty says to expect a future littered with these kinds of programs.

“The climate is changing— we are just at the beginning of a long-term 20 to 30 year effort to redefine economic value,” says Koty. “Businesses that can see past the next quarterly or annual report stand to benefit greatly by starting to embed sustainability principles and methods today.”

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Water, water everywhere!

As environmentalists, industry leaders and British Columbians patiently await a new “modernized” Water Sustainability Act, the spotlight is pointed at the Province’s at-risk wetlands and watersheds.

Brad Arner, manager of conservation programs for Ducks Unlimited Canada, a non-profit focused on wetlands management and protection, says the wetlands “need to be given very specific protection under the water act.”

“There are over 200,000 acres of protected habitat in B.C.,” says Arner. “It sounds like a lot but when you look at a province of this size there’s still a lot more we can do.”

In addition to being highly diverse when it comes to plant and animal life, wetlands can function as flood control and natural purification systems for wastewater.

To the polls

According to a poll commissioned by

World Wildlife Foundation’s (WWF) Vancouver chapter, 91 percent of the province’s inhabitants say fresh water is B.C.’s most precious resource, and 86 percent think fresh water is extremely important to the prosperity and quality of life in the province.

But despite the polls showing an eco-leaning public, it’s a give-and-take situation.

“It’s always a fight—the immediate and direct payment is what we’re accustomed to,” says Arner. “Everyone’s kind of cautious of ‘what’s this going to mean to me and my day to day life?’”

But looking beyond that “take what you need and address the consequences later” attitude is what’s needed to ensure no one has to go without water, according to environmentalists.

“We can’t sustain widespread impacts. It’s going to affect us further down the road,” says Arner. “We don’t want to get there.”

Getting our act together

The environmental community as a

whole echoes Arner’s sentiments.

“Right now there are 44 000 water licenses in B.C.,” says Linda Nowlan, director of Pacific Conservation for WWF Canada. “Those licenses are given out under a law that didn’t really pay attention to conservation needs.”

Nowlan, who also works as a public interest environmental lawyer and consultant, says even the drilling community that relies on extracting water for their livelihood, has noticed a drop in the watershed.

She says she hopes the new act will place environmental flows—the amount of water needed in a watercourse to sustain a healthy ecosystem—as a priority.

Natural capital

Nancy Olewiler, a professor in the Department of Economics and director of the Public Policy Program at Simon Fraser University, says the new act needs to put policies in place that protect the wetlands in order to preserve the quality of water.

“If you don’t invest in it now and protect it you’re going to have a huge debt in the future,” says Olewiler, of the strong proponent of “natural capital”.

She notes that programs like Environmental Canada’s Ecological Gift Program—which is a donation of land or a partial interest in land—are steps forward in protecting sensitive ecosystems but more initiatives are needed.

“We’ve got some good stuff going, but is it enough? No,” says Olewiler.

Oliver Brandes, associate director and water sustainability project leader at the University of Victoria’s POLIS Project on Ecological Governance, says increased dialogue between industry stakeholders, lobbyists and the public is necessary to establish a more sustainable water act.

“(The old Act) represented a useful skill set for a different era,” says Brandes. “We need to connect the decision-making with those that are affected.”



Going. Going. Almost gone.

Wetlands are nature’s best water filters. And they’re disappearing. Fast. More than 80 acres of wetlands are lost every day.

Canada is facing an environmental crisis. Despite significant efforts to conserve and restore wetlands, destruction and degradation of these valuable natural assets continues. For every day that we allow wetland loss to continue, we lose their ability to help improve our water quality, provide homes for wildlife and store flood waters. **We need to act, now, while we can.**

Ducks Unlimited Canada’s wetland conservation programs provide a solution. We work with government, industry, landowners and people like you to save our precious wetland resources. Join us now.

Save wetlands. Change lives.



Ducks Unlimited Canada
Conserving Canada’s Wetlands

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As the world population grows, so does the need for energy.

Conventional energy sources are dwindling, so the focus must be on developing new — and renewable — sources, and the technologies to extract them sustainably. This year, we partnered with Suncor on the Wintering Hills wind power project in Drumheller, Alberta with the potential to power over 35,000 homes. To learn more about our sustainability strategy, visit www.teck.com/sustainability

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