

WE ARE ADVOCATES FOR CHANGE

CCNB Action sees fracking for shale gas as a serious threat to our clean water, fresh air, and our renewable energy future and we are working with local community groups to protect them from this harmful industry in our province. Shale gas fracking threatens to undo the work CCNB and many other groups and individuals have contributed to for the past 40 years.

OUR ACTIVITIES ARE FAR-REACHING

From protecting diminishing tracts of Acadian forest to ensuring our next generation is getting to know nature, our work is proactive and diverse. Our campaigns raise the visibility of problems affecting New Brunswick to the public and policy makers, and advocate for major reforms in the way we manage and protect New Brunswick's environment for all our benefit.

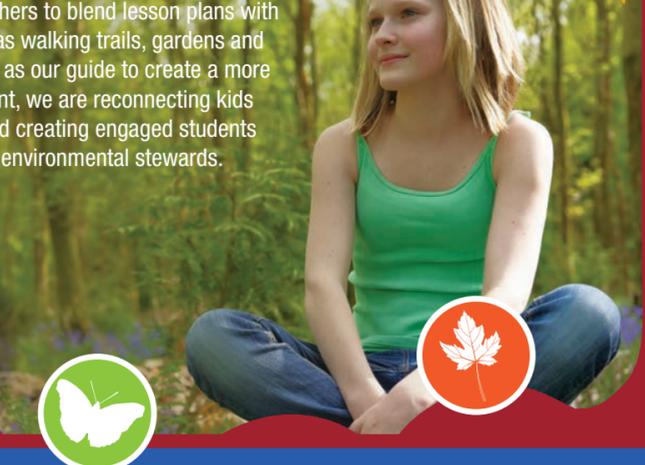
Freshwater Protection

We launched our **Freshwater Protection Program** to advocate for a comprehensive strategy to protect and manage our precious water resources in the face of growing social demands, new and thirsty industries, and climate change. We have been defenders of wetlands, streams, rivers and lakes as they flow through our culture, our economy and our landscape.



No Child Left Inside

We work with schools and teachers to blend lesson plans with outdoor learning spaces, such as walking trails, gardens and naturalized areas. Using nature as our guide to create a more stimulating learning environment, we are reconnecting kids with the wonder of learning, and creating engaged students who are our next generation of environmental stewards.



Buy Local

We have kick-started the local food revolution in New Brunswick by promoting farmers and local products. Growing and sourcing food locally encourages a sustainable economy, keeping greenhouse gas emissions down and money in our communities.

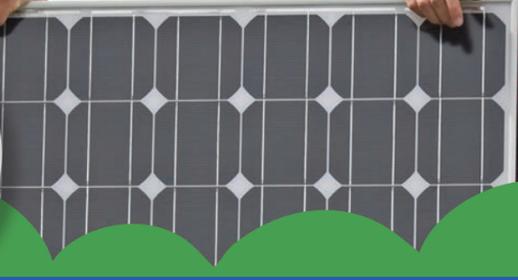


www.buylocalnb.ca



Renewable Energy

In the face of a new climate change reality, our goal is to make our communities more energy self-reliant through a transition to a low carbon economy that lessens our dependence on non-renewable energy sources. Innovation in conservation, efficiency and clean energy jobs is the way of the future.



Community Forests

We bring community minded groups and individuals together to develop community-based forestry and value-added forest industries that will protect and restore the diversity and health of our forest, renew and sustain the local economy and create jobs.



Health Watch

Our scientists dig deep into the health concerns of New Brunswickers, investigating issues that matter. High cancer rates, industry that contaminates our land and sea, it all gets our attention.



Fundy Baykeeper

Our Fundy Baykeeper patrols the Bay of Fundy, monitoring marine industries and ensuring laws are enforced. Our mandate is to defend the public's right to a healthy Bay of Fundy and to engage citizens so everyone can help protect the bay and steward its resources.



Join thousands of others in New Brunswick who are defending clean air, land, water and energy!



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Our Province. We Have a Say. Know Fracking.

How does fracking work?

- 1** An enormous amount of a pressurized mixture of water, sand and chemicals is injected into a horizontal well drilled into a dense shale formation.
- 2** The pressure cracks the shale and fills the fractures with sand, allowing natural gas to flow up the well.
- 3** The enormous volume of toxic wastewater returns to the surface and needs to be stored, trucked, treated and released.

What does a drilling site need?

Industry ads proclaim that "we've been fracking for 60 years". They have. But the 'new fracking' is dramatically different and has a greater impact than the old method. High volume, horizontal slickwater fracturing on multiwell pads only began in 2007. Its build-out is on a much larger and more intense industrial scale, which means it needs...

- More freshwater
- More chemical additives
- Larger well pads
- More truck traffic
- More man-made toxic wastewater



What is the Problem with Fracking?

Here are our **Top 5** concerns about shale gas fracking:

1 Our water is being put at risk.

Groundwater supplies 64% of New Brunswickers' water and it is being put at risk by punching holes through our aquifers and providing pathways for methane and chemical migration. Industry data shows that **5-7%** of newly drilled wells fail immediately and that number increases to **30-50%** over time. The industry is also extremely thirsty. It takes about 8 Olympic sized swimming pools of water to frack one well. This comes back to the surface as toxic wastewater.



2 Fracking threatens our air and health.

A shale gas industry in our collective backyards means involuntarily exposing our children and elderly population to air- and water-borne cancer causing toxins. Studies show increases in nose, throat and skin irritations, burning eyes, headaches and respiratory problems in residents close to gas infrastructure. Our own Chief Medical Officer of Health has reported Boom-Town effects from a shale gas industry, including alcohol and drug abuse, STIs, increased crime and more.

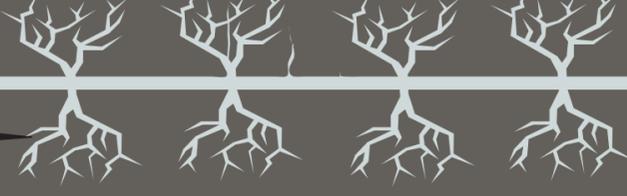


3 Short term jobs won't sustain our economy.

We want to continue the work already being done to create a local, sustainable, resilient economy. The shale gas industry attracts transient workers from away for a short time. Data shows job numbers and personal incomes do not increase in areas of intense development. A short term boom ends in a bust and communities are often left financially worse off. Certain big businesses benefit while our communities bear the costs.



Small lines indicate fissures caused by the fracking process.



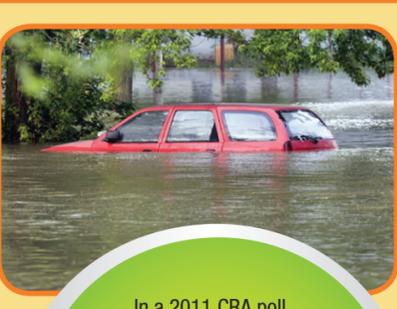
4 Shale gas development cuts up the landscape.

We often only talk about 'fracking' but the process of developing shale gas from start to finish leaves the landscape, and our communities, scarred with roads, pads, wells, pits, tanks, flares, trucks, pipelines, and compressor stations. These all come with their own impacts and will industrialize our bucolic rural landscape and drive out other industries like tourism and agriculture, and may affect your property values.



5 Shale gas does not provide solutions to climate change.

Methane gas, the product of the industry, is the most powerful greenhouse gas, 37X as potent as CO2. We cannot afford to build brand new fossil fuel infrastructure. Even international economic and energy institutes have realized that 75% of fossil fuel reserves must stay in the ground to avoid catastrophic climate change. The shale gas "bridge" to renewable energy is a myth and a distraction from transitioning to the new green economy and sustainable energy future.



In a 2011 CRA poll, **86% of New Brunswickers** polled worry about shale development even with regulations in place. In the same poll, **6 in 10 New Brunswickers** feel that the risks outweigh the benefits of shale gas.

NO AMOUNT OF GOVERNMENT REGULATION CAN EVER MAKE FRACKING SAFE.

In 2011, almost **20,000 New Brunswickers** signed a petition submitted to the Legislature, demanding that shale gas fracking be abandoned to focus on creating an economy on energy conservation and renewable energy.

In August 2011, **1500 New Brunswickers** took to the streets of the provincial capital in one of the largest displays of protest in recent history, similar to the reaction to the proposed sale of NB Power.

An MQO survey in 2012 found the majority of New Brunswickers polled **did not support** fracking for shale gas.

ADD YOUR VOICE.

CCNB has been at the forefront of standing up for environmental and community rights. We need your support to remain an independent voice at this critical time in New Brunswick.

I want to become a member of **CCNB Action!**

Name _____

Address _____

Phone _____ Email _____

- Underemployed \$15
 - Individual \$30
 - Family \$40
 - Business Associate \$55
- Yes**, I'd like to make a donation to help maintain CCNB's work on my behalf:
 One time donation of \$35 \$55 \$100 other \$ _____
 Please detach and return with your total amount to:
CCNB Action, 180 St. John Street, Fredericton New Brunswick E3B 4A9
 *please note that membership and donation to CCNB Action cannot qualify for a tax receipt.



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