

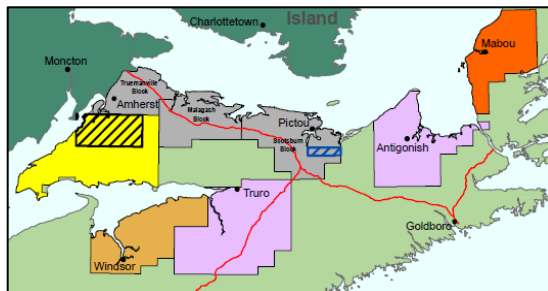
# Fracking in Nova Scotia

## What Is Fracking?

Fracking, or hydraulic fracturing, is a method of extracting unconventional natural gas from shale. A well is drilled to a layer of shale 1 to 2 kilometres beneath the surface. A high pressure fluid mixture of water, sand and chemicals is injected into the well, fracturing the rock near the end of the well. Natural gas flows into these fractures, and is pumped to the surface for processing and transport. In some areas of the U.S., fracking has been associated with drinking water contaminated with methane and toxic chemicals.

## Where in Nova Scotia?

Three companies have the right to explore, using fracking, for oil and gas in Nova Scotia. **Triangle Petroleum Corporation (orange)** is leasing the Windsor Block, and will apply to drill and frack up to 7 more wells before 2014. Triangle drilled and fracked two wells in 2008. Petroworth (red) was recently granted an extension of their lease near Lake Ainslie. The government has initiated a call for exploration proposals in three blocks along the North Shore (grey).



## What's the Big Deal?

Fracking has been associated with:

### Use of Millions of litres of Water

Millions of litres used, contaminated, per well, and is stored on site

### Noise Pollution

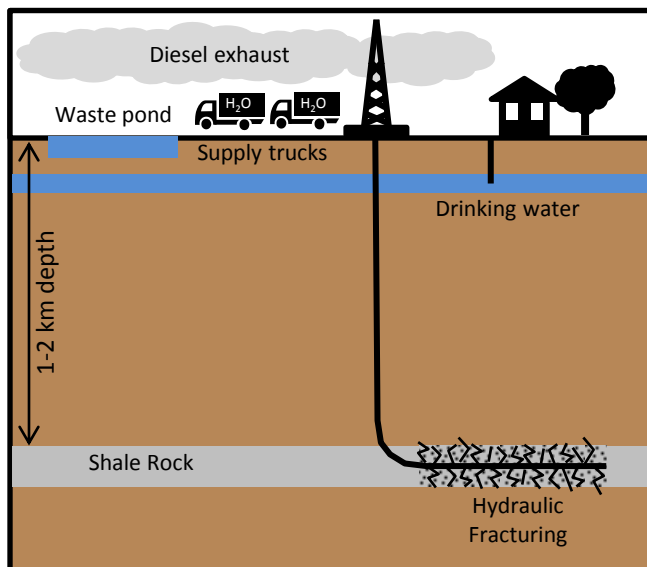
Trucks and drill rigs run 24 hr/day

### Toxic Waste

Fluid brought up from the well can contain many toxic chemicals

### Air Pollution

Diesel exhaust from hundreds of trucks every day, and methane from flaring



### Potential Drinking Water Contamination

Most fluid injected remains in the ground, and could contaminate drinking water

### Not Green Energy

Natural gas from shale is no cleaner than burning oil or coal

### Potential for Accidents

Spills could release chemicals into our communities

NOFRAC:

Nova Scotia Fracking Resource and Action Coalition



Ecology Action Centre  
40 YEARS OF ACTION

# Nova Scotians Care.

The government of Nova Scotia is reviewing regulations and best practices associated with fracking, but that's not good enough. The review must include effects on the environment, health and long term energy goals of the province. As part of this review, hundreds of people and groups wrote letters to the government and the message was overwhelming:

**Nova Scotians don't want hydraulic fracturing.**



**Citizens at an anti-fracking rally in Halifax, Nova Scotia.**



**Water from across the province, delivered to Province House by citizens concerned about water contamination by fracking.**



**Citizens at an anti-fracking rally in Pictou, Nova Scotia.**

## How Can I Help?

- Post this pamphlet in your community (library, school, community centre, post office, businesses...)
- Join NOFRAC ([groundwater@ecologyaction.ca](mailto:groundwater@ecologyaction.ca) , [acsec@ecologyaction.ca](mailto:acsec@ecologyaction.ca))
- Follow NOFRAC on twitter ([www.twitter.com/nofrac](http://www.twitter.com/nofrac))
- Join Stop Fracking in Nova Scotia ([grahamhutchinson@ns.sympatico.ca](mailto:grahamhutchinson@ns.sympatico.ca))
- Join or start a local group concerned about fracking or the environment
- Organize a screening of an informational film (e.g. Gasland, Split Estate, Burning Water, or others)
- Learn more about fracking, and share your ideas with people in your community
- Write a letter to the editor, in your local paper or a provincial or national paper
- Write to your elected representative and councillor, provincial government and tell them your concerns
- Participate in No Frack Fridays through Sierra Club using email or a twitter account.

**NOFRAC co-chairs**

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