

4) Use of Fossil Fuels



New Brunswick introduces fracking moratorium

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40 Comments

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The New Brunswick government is introducing a moratorium on hydraulic fracturing that the Premier says won't be lifted until five conditions are met.

Those conditions include a process to consult with First Nations, a plan for waste water disposal and credible information about the impacts fracking has on health, water and the environment, Brian Gallant said Thursday.



CP Video Dec. 18 2014, 1:39 PM EST

Video: Fracking temporarily suspended in New Brunswick



5) Draining of underground aquifers...

If You Think the Water Crisis Can't Get Worse, Wait Until the Aquifers Are Drained

We're pumping irreplaceable groundwater to counter the drought. When it's gone, the real crisis begins.



6) Clearing of forests...

<http://safeshare.tv/v/ss563b5882b71a7>



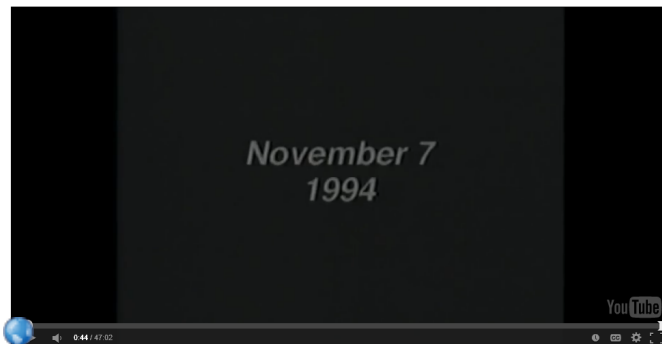
<http://safeshare.tv/v/ss563b58f7152b5>



<http://safeshare.tv/v/ss563b594aa7d4a>



Christmas Mountain Blowdown



7) Use of pesticides and fertilizers...



LAB at home...Eco-Points???

Upsetting the Nutrient Balance in an Ecosystem

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Problem: How will lawn fertilizer affect the balance in an ecosystem?

Materials:

2 - beakers with a 1 L capacity

2L - pond water

6 - strands of *Cabomba*, *Elodea* or other aquatic plant (10-20 cm long)

6 - pond snails

Procedure:

1. Fill both jars with pond water.
2. Add half of the aquatic plants to each jar.
3. Add three pond snails to each jar.
4. Label one jar "Control" and the other "Experimental".
5. Add a **very small pinch** of lawn fertilizer to the "Experimental" jar.
6. Place the jars side by side in a bright location.
7. Observe the jars every day for 2-3 weeks. Make notes on any changes in the appearance of the aquatic plants and snails.