




ARTICLE: 'What is the fuss about fracking?'

- 1) READ...  [Article - What is the Fuss About Fracking.pdf](#)
- 2) Complete...  [Worksheet - Weigh the pros and cons on fracking.pdf](#)
- 3) Discussion...  [HOMEWORK - Crossword on Fracking.pdf](#)

JUST TALK ABOUT IT

Consider the following quote:

"We want to know and track the changes that we see, because at this point we have anecdotal evidence from our land users, and our elders and our trappers. But government and science don't listen to us because we don't have the rigorous methods that they require to make a decision." - Lana Lowe, Fort Nelson band lands director, on the band's concerns over the quantity of water withdrawn from local rivers and lakes for fracking and its demand that the government take more precautions before awarding water licences to companies for natural gas fracking.

- a) What is your understanding of the term 'anecdotal'? Of the term 'rigorous'?
- b) Summarize the meaning of this quote using your own words.
- c) Respond to this quote. For what reasons do you sympathize with the speaker's predicament? For what reasons are you not sympathetic? Explain.
- d) As you see it, what information should the government consider when making decisions about whether or not to grant water licenses for fracking?



SCIENCE, TECHNOLOGY AND THE ENVIRONMENT

WHY THE FUSS ABOUT FRACKING?

WEIGH THE PROS AND CONS

1. Using the information in the article and your own thinking, what are some of the reasons for and against natural gas hydraulic fracturing? Give specific details to back up each point.

Reasons for	Reasons against
<ul style="list-style-type: none"> - natural gas...lower emissions than oil - horizontal well...more options - clean energy for next 100 years - hundreds of thousands of jobs - can be used for extracting oil - method occurs well below water table - chemicals used are deemed safe - abide by government regulations - cheaper fuels 	<ul style="list-style-type: none"> - chemicals and high pressure...good? - escapement of methane gas...where? - impact on water supply, drinking water? - seep into ground water? lakes/rivers? - amount of water used? wastewater! - contain arsenic and radiation...health? - fumes and smell in community - regulated by provincial governments - small earthquakes

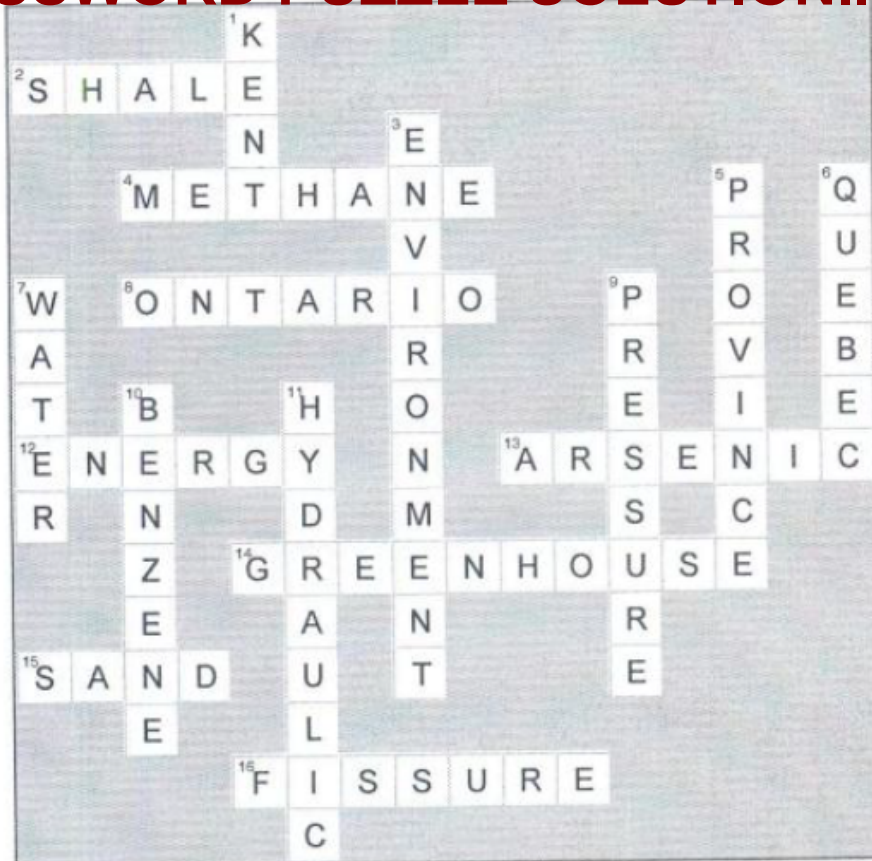
2. After completing the organizer, answer the following: *Are you more in favour of or more opposed to natural gas fracking? Give reasons to support your response.*



The video player displays a title card with a blue background. The text reads "MY WATER'S ON FIRE TONIGHT" in large white letters, with "(THE FRACKING SONG)" in smaller blue letters below it. A silhouette of a wellhead is centered in the foreground against a green grass line and a brown dirt ground. The video player interface includes a progress bar at 0:07 / 2:42, a play button, a volume icon, and settings, full screen, and share icons.

The Fracking Song

CROSSWORD PUZZLE SOLUTION...



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Stocks of group that includes tuna, mackerel, bonito down 75 per cent since 1970
Thomson Reuters | Posted: Sep 15, 2015 8:59 AM ET | Last Updated: Sep 15, 2015 10:37 AM ET




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Bluefin tuna are seen inside farming pens prior to harvest near Ensenada, Mexico in a 2007 photo. Populations of some wild commercial fish stocks, such as a group including tuna, mackerel and bonito, had fallen by almost 75 per cent, according to a study by the WWF and the Zoological Society of London (ZSL). (Chris Pappas/Associated Press)

Trout Unlimited @TroutUnlimited · 17m
Helping #BrookTrout on the #NissitissitRiver by removing a dam bit.ly/1F2BA0O #TUNation #MakeFishingBetter



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CBC News | Posted: Sep 24, 2015 10:00 PM ET | Last Updated: Sep 24, 2015 10:00 PM ET



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Attachments

Article - What is the Fuss About Fracking.pdf

Crossword - What is the Fuss About Fracking.pdf

Worksheet - Weigh the pros and cons on fracking.pdf