

Nicoll, Sara ENV:EX

From: Minister, ENV ENV:EX
Sent: Wednesday, February 15, 2012 1:37 PM
To: Correspondence Unit ENV:EX
Subject: FW: Its time to ban fracking in BC

Follow Up Flag: Follow up
Flag Status: Completed

Categories: Diana

-----Original Message-----

From: webmaster@wildernesscommittee.org [<mailto:webmaster@wildernesscommittee.org>] On Behalf Of s.22
Sent: Wednesday, February 15, 2012 12:29 PM
To: Minister, ENV ENV:EX
Subject: Its time to ban fracking in BC

As a BC resident I am very concerned about preserving the natural environment of our beautiful province. When it comes to fracking, it is not just the environment that is being put at risk, but people as well. It is now well understood that fracking leads to increased seismic activity, deadly toxic sour gas emissions, major operation accidents, and water contamination.

Around the world the dangers of fracking are being recognized and put to a halt by government regulations. I urge the BC government to recognize the risks and the costs and its responsibility for protecting the environment and its citizens and say 'NO' to fracking. Thank-you.

This letter was created with the use of an online letter writing tool which you can find at wildernesscommittee.org

Nicoll, Sara ENV:EX

From: Minister, ENV ENV:EX
Sent: Wednesday, February 15, 2012 1:37 PM
To: Correspondence Unit ENV:EX
Subject: FW: Its time to ban fracking in BC

Follow Up Flag: Follow up
Flag Status: Completed

Categories: Diana

-----Original Message-----

From: webmaster@wildernesscommittee.org [<mailto:webmaster@wildernesscommittee.org>] On Behalf Of s.22
Sent: Wednesday, February 15, 2012 12:45 PM
To: Minister, ENV ENV:EX
Subject: Its time to ban fracking in BC

I am writing to express my strong opposition to hydraulic fracking:

Studies in the UK and the US have connected fracking to increased seismic activity. A recent report from the United States Geological Survey linked close to 50 earthquakes in Oklahoma to fracking activity. In British Columbia, over 30 earthquakes have been reported in the Horn Lake Basin, an area of concentrated fracking activity.

Exposure to deadly sour gas emissions is a daily worry for people living next to natural extraction. Sour gas contains hydrogen sulfide (H₂S), which is actually very toxic. In small doses it can cause headaches, lung damage, nausea, and lead to miscarriages. Exposure in high doses can lead to death in humans and livestock. Sour gas exposure is one of the biggest concerns of people living in northeastern BC.

In November 2009, there was a leak in a wellhead near the town of Pouce Coupe, in BC's Peace Region, that spewed 30,000 cubic metres of gas into the air. Hydrogen sulphide levels in the escaping gas were six times above lethal levels. The estimated eight-hour gas leak forced the evacuation of 18 residents, killed a horse and resulted in at least one emergency hospitalization. In addition over 30 workers have been killed in BC and Alberta over the past three decades from sour gas exposure.

The fracking process injects an immense amount of fresh water, laced with chemicals and sand, to crack open shale rock beds. The leftover waste water is full of heavy metals and hazardous chemicals like benzene, and has been found to be radioactive. If this substance enters the freshwater system it can have disastrous consequences.

It's clear that, at a minimum, BC should match global regulations. It's shocking that while BC and some other provinces in Canada are gearing up for a reckless expansion of the fracking industry, jurisdictions around the world are putting a halt to this dangerous practice. BC needs to step up to the plate and say 'No' to fracking.

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Nicoll, Sara ENV:EX

From: Minister, ENV ENV:EX
Sent: Tuesday, February 21, 2012 3:34 PM
To: Correspondence Unit ENV:EX
Subject: FW: Its time to ban fracking in BC

Follow Up Flag: Follow up
Flag Status: Completed

Categories: Diana

-----Original Message-----

From: webmaster@wildernesscommittee.org [<mailto:webmaster@wildernesscommittee.org>] On Behalf Of s.22
Sent: Thursday, February 16, 2012 11:03 AM
To: Minister, ENV ENV:EX
Subject: Its time to ban fracking in BC

Human Health Risk Assessment into the Oil and Gas Development of Northeastern BC

I have concerns about the lack of regulation on fracking in BC. My research leads me to believe that fracking is not a not safe in a Province where sour gas and earthquakes are common, and not safe anywhere for ground water.

Furthermore, I am not convinced that fracking is necessary. It is outrageous that Canada has no Energy Policy. How can we (you) make sound regulation when there is no policy. Hence the lack of regulation. I have no confidence that fracking is the right thing do when the BC government and the Federal government being willfully ignorant!

Fracking is dangerous for workers, the environment, and public health. I see no demonstrable need for the product, but I see enormous need for developing alternative energy. Fracking seems to be a desperate, dangerous practice in an under-regulated and over-susidised industry that operates contrary to public interest.

Best regards,

This letter was created with the use of an online letter writing tool which you can find at wildernesscommittee.org

Nicoll, Sara ENV:EX

From: Minister, ENV ENV:EX
Sent: Tuesday, February 21, 2012 3:34 PM
To: Correspondence Unit ENV:EX
Subject: FW: Its time to ban fracking in BC

Follow Up Flag: Follow up
Flag Status: Completed

Categories: Diana

-----Original Message-----

From: webmaster@wildernesscommittee.org [mailto:webmaster@wildernesscommittee.org] On Behalf Of s.22
Sent: Thursday, February 16, 2012 12:40 PM
To: Minister, ENV ENV:EX
Subject: Its time to ban fracking in BC

This comment is in regards to the regulation of fracking.

This is a dangerous practice and should not be permitted in the province of British Columbia.

As it stands right now, there are already plenty of drawbacks to fracking, that far outweigh the benefits.

To begin with, each gas well requires an average of 400 tanker trucks to carry water and supplies to and from the site. In fact, it requires between 1 and 8 MILLION gallons of water to complete each fracturing job. Needless to say, this is a huge quantity of water.

And it gets worse. The water brought in is mixed with sand and chemicals to create fracking fluid. Approximately 40,000 gallons of chemicals are used per fracturing, including up to 600 different chemicals. Many of these are known carcinogens and toxins, such as lead, uranium, mercury, ethylene glycol, radium, methanol, hydrochloric acid, and formaldehyde.

This toxic cocktail is forced under high pressure into shale to crack the rock and allow the gas to escape. During this process, methane gas and toxic chemicals leach out from the system and contaminate nearby groundwater.

Methane concentrations are 17x higher in drinking-water wells near fracturing sites than in normal wells.

Contaminated well water is used for drinking water for nearby cities and towns.

In the U.S. alone there have been over 1,000 documented cases of water contamination next to areas of gas drilling as well as cases of sensory, respiratory, and neurological damage due to ingested contaminated water.

Additionally, only 30-50% of the fracturing fluid is recovered, the rest of the toxic fluid is left in the ground and is not biodegradable. Instead, it is left behind to poison the water table.

Meanwhile, the fluid that is recovered is left in open air pits to evaporate, releasing harmful VOC's (volatile organic compounds) into the atmosphere, creating contaminated air, acid rain, and ground level ozone.

And these are just the poisons from the fracking operation itself. There are other, possibly worse, repercussions.

Studies in the UK and the US have connected fracking to increased seismic activity. A recent report from the United States Geological Survey linked close to 50 earthquakes in Oklahoma to fracking activity. In British Columbia, over 30 earthquakes have been reported in the Horn Lake Basin, an area of concentrated fracking activity.

Exposure to deadly sour gas emissions is a daily worry for people living next to natural extraction. Sour gas contains hydrogen sulfide (H₂S), which is extremely toxic. In small doses it can cause headaches, lung damage, nausea, and lead to miscarriages. Exposure in high doses can lead to death in humans and livestock. Sour gas exposure is one of the biggest concerns of people living in northeastern BC.

In November 2009, there was a leak in a wellhead near the town of Pouce Coupe, in BC's Peace Region, that spewed 30,000 cubic metres of gas into the air. Hydrogen sulphide levels in the escaping gas were six times above lethal levels. The estimated eight-hour gas leak forced the evacuation of 18 residents, killed a horse and resulted in at least one emergency hospitalization. In addition over 30 workers have been killed in BC and Alberta over the past three decades from sour gas exposure.

The negative effects of fracking quite clearly outweigh the positives, yet the gas and oil companies continue to use this method. It is clear that they are motivated by profits first, and that public safety and the environment are secondary considerations.

This practice needs to be banned. If the BC Provincial government truly cares about its citizens, and is truly putting families first, they will take the lead and say 'NO' to fracking. We can't afford to have our citizens risk injury and death, to have our water supplies destroyed, and to even have to deal with the effects of earthquakes, all in the name of gas and oil company profits.

Enough is enough. It's time to say 'NO' to gas and oil companies that are continuously putting profits ahead of everything else. The dangerous and damaging practice of fracking is yet another example of this.

Thanks you.

<http://dangersoffracking.com/>

This letter was created with the use of an online letter writing tool which you can find at wildernesscommittee.org

Nicoll, Sara ENV:EX

From: Minister, ENV ENV:EX
Sent: Wednesday, February 22, 2012 9:23 AM
To: Correspondence Unit ENV:EX
Subject: FW: Its time to ban fracking in BC

Follow Up Flag: Follow up
Flag Status: Completed

Categories: Diana

-----Original Message-----

From: webmaster@wildernesscommittee.org [<mailto:webmaster@wildernesscommittee.org>] On Behalf Of s.22
Sent: Friday, February 17, 2012 2:11 PM
To: Minister, ENV ENV:EX
Subject: Its time to ban fracking in BC

Dear Sirs:

There are many reasons why I am against fracking. Some of them include:

- Earthquakes: Studies in the UK and the US have connected fracking to increased seismic activity. A recent report from the United States Geological Survey linked close to 50 earthquakes in Oklahoma to fracking activity. In British Columbia, over 30 earthquakes have been reported in the Horn Lake Basin, an area of concentrated fracking activity.
- Sour Gas: Exposure to deadly sour gas emissions is a daily worry for people living next to natural extraction. Sour gas contains hydrogen sulfide (H₂S), which is actually very toxic. In small doses it can cause headaches, lung damage, nausea, and lead to miscarriages. Exposure in high doses can lead to death in humans and livestock. Sour gas exposure is one of the biggest concerns of people living in northeastern BC.
- Accidents: In November 2009, there was a leak in a wellhead near the town of Pouce Coupe, in BC's Peace Region, that spewed 30,000 cubic metres of gas into the air. Hydrogen sulphide levels in the escaping gas were six times above lethal levels. The estimated eight-hour gas leak forced the evacuation of 18 residents, killed a horse and resulted in at least one emergency hospitalization. In addition over 30 workers have been killed in BC and Alberta over the past three decades from sour gas exposure.
- Water Contamination: The fracking process injects an immense amount of fresh water, laced with chemicals and sand, to crack open shale rock beds. The leftover waste water is full of heavy metals and hazardous chemicals like benzene, and has been found to be radioactive. If this substance enters the freshwater system it can have disastrous consequences.
- It's clear that, at a minimum, BC should match global regulations. It's shocking that while BC and some other provinces in Canada are gearing up for a reckless expansion of the fracking industry, jurisdictions around the world are putting a halt to this dangerous practice. BC needs to step up to the plate and say 'No' to fracking.

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Nicoll, Sara ENV:EX

From: Minister, ENV ENV:EX
Sent: Wednesday, February 22, 2012 9:23 AM
To: Correspondence Unit ENV:EX
Subject: FW: Its time to ban fracking in BC

Follow Up Flag: Follow up
Flag Status: Completed

Categories: Diana

-----Original Message-----

From: webmaster@wildernesscommittee.org [<mailto:webmaster@wildernesscommittee.org>] On Behalf Of s.22
Sent: Friday, February 17, 2012 11:51 AM
To: Minister, ENV ENV:EX
Subject: Its time to ban fracking in BC

Dear Human Health Risk Assessment into Oil & Gas Development in northeastern BC,

Hydraulic Fracturing or commonly referred to as "fracking" causes harm to human and wildlife health. It has been shown to contaminate ground water and surface water, from the chemicals that are injected and toxins brought up from the deep shale deposits. This toxic water leaches into peoples drinking water sources.

Other impacts include sour gas exposure for people living nearby to gas wells, that is toxic to human health. It can lead to headaches, nausea, lung damage and even miscarriages. Fracking also increases seismic activity, with reports in other jurisdictions of more frequent earthquakes near fracking sites. Earthquakes pose an obvious impact to people's health.

Because of these health impacts and other environmental impacts, I believe that Hydraulic Fracturing should not be allowed to continue in BC.

Thank you,

s.22

This letter was created with the use of an online letter writing tool which you can find at wildernesscommittee.org

Nicoll, Sara ENV:EX

From: Minister, ENV ENV:EX
Sent: Thursday, February 16, 2012 10:17 AM
To: Correspondence Unit ENV:EX
Subject: FW: Its time to ban fracking in BC

Follow Up Flag: Follow up
Flag Status: Completed

Categories: Diana

-----Original Message-----

From: webmaster@wildernesscommittee.org [<mailto:webmaster@wildernesscommittee.org>] On Behalf Of s.22
Sent: Wednesday, February 15, 2012 5:50 PM
To: Minister, ENV ENV:EX
Subject: Its time to ban fracking in BC

To Whom it May Concern,

I would like to add my voice to oppose allowing 'fracking' in B.C. There are far too many health, safety, and environmental risks to this method. Water contamination, increased seismic activity, sour gas emissions, and related accidents, are some of the proven ill-effects. I urge legislators to halt any expansion of fracking, and take the right steps towards protecting citizens and the land.

Thank You, s.22

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Nicoll, Sara ENV:EX

From: Minister, ENV ENV:EX
Sent: Thursday, February 16, 2012 10:17 AM
To: Correspondence Unit ENV:EX
Subject: FW: Its time to ban fracking in BC

Follow Up Flag: Follow up
Flag Status: Completed

Categories: Diana

-----Original Message-----

From: webmaster@wildernesscommittee.org [<mailto:webmaster@wildernesscommittee.org>] On Behalf Of s.22
Sent: Wednesday, February 15, 2012 2:27 PM
To: Minister, ENV ENV:EX
Subject: Its time to ban fracking in BC

I'm concerned about the health risks posed by fracking and I urge you to say "NO" to fracking in BC.

In our province already, over 30 earthquakes have been reported in the Horn Lake Basin, where much fracking takes place.

We have already witnessed the dangers of sour gas exposure in the people of Northern Alberta and BC, where it has been deadly to livestock and led to miscarriages and other health problems in humans.

There is also the danger of gas leaks due to accidents, such as the one near Pouce Coupe, BC, which forced the evacuation of 18 residents and resulted in hospitalization for some. Over 30 workers have already been killed in BC and AB over the past 30 years from sour gas exposure.

A huge problem is water contamination. The fracking process uses our precious freshwater and the waste water contains heavy metals and dangerous chemicals, which can then enter our water table with disastrous consequences.

Jurisdictions around the world are stopping this dangerous practice through legislation. Should BC not follow wisely in suit? Please say 'NO' to fracking and protect the health and safety of families of BC and Canada.

Sincerely,

s.22

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Nicoll, Sara ENV:EX

From: Minister, ENV ENV:EX
Sent: Thursday, February 23, 2012 11:03 AM
To: Correspondence Unit ENV:EX
Subject: FW: Its time to ban fracking in BC

Follow Up Flag: Follow up
Flag Status: Completed

Categories: Diana

-----Original Message-----

From: webmaster@wildernesscommittee.org [<mailto:webmaster@wildernesscommittee.org>] On Behalf Of s.22
Sent: Wednesday, February 15, 2012 11:34 AM
To: Minister, ENV ENV:EX
Subject: Its time to ban fracking in BC

To: Human Health Risk Assessment into Oil & Gas Development in Northeastern BC

Re: Fracking Health Review

With shale gas extraction, accidents happen. Based on the experience with this industry around the world, it is only a matter of when, not if. There have been many well documented incidents of waste water leaking into groundwater, into wells, and into rivers and streams. This has led to drinking water bans, but not before it made a lot of people sick. BC's policies with respect to fracking need to get up to speed to protect both human health and the environment.

Earthquakes: Studies in the UK and the US have connected fracking to increased seismic activity. A recent report from the United States Geological Survey linked close to 50 earthquakes in Oklahoma to fracking activity. In British Columbia, over 30 earthquakes have been reported in the Horn Lake Basin, an area of concentrated fracking activity.

Sour Gas: Exposure to deadly sour gas emissions is a daily worry for people living next to natural extraction. Sour gas contains hydrogen sulfide (H₂S), which is actually very toxic. In small doses it can cause headaches, lung damage, nausea, and lead to miscarriages. Exposure in high doses can lead to death in humans and livestock. Sour gas exposure is one of the biggest concerns of people living in northeastern BC.

Accidents: In November 2009, there was a leak in a wellhead near the town of Pouce Coupe, in BC's Peace Region, that spewed 30,000 cubic metres of gas into the air. Hydrogen sulphide levels in the escaping gas were six times above lethal levels. The estimated eight-hour gas leak forced the evacuation of 18 residents, killed a horse and resulted in at least one emergency hospitalization. In addition over 30 workers have been killed in BC and Alberta over the past three decades from sour gas exposure.

Water Contamination: The fracking process injects an immense amount of fresh water, laced with chemicals and sand, to crack open shale rock beds. The leftover waste water is full of heavy metals and hazardous chemicals like benzene, and has been found to be radioactive. If this substance enters the freshwater system it can have disastrous consequences.

It's clear that, at a minimum, BC should match global regulations. It's shocking that while BC and some other provinces in Canada are gearing up for a reckless expansion of the fracking

industry, jurisdictions around the world are putting a halt to this dangerous practice. BC needs to step up to the plate and say 'No' to fracking.
Thank you for the opportunity to bring these remarks to your attention.

Yours sincerely,

s.22

cc:

Premier Clark

Adrian Dix, the Leader of the Official Opposition

cc: Secretary Hillary Clinton

s.22

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Nicoll, Sara ENV:EX

From: Minister, ENV ENV:EX
Sent: Thursday, February 23, 2012 3:42 PM
To: Correspondence Unit ENV:EX
Subject: FW: Its time to ban fracking in BC

Follow Up Flag: Follow up
Flag Status: Completed

Categories: Diana

-----Original Message-----

From: webmaster@wildernesscommittee.org [<mailto:webmaster@wildernesscommittee.org>] On Behalf Of s.22
Sent: Wednesday, February 22, 2012 6:25 PM
To: Minister, ENV ENV:EX
Subject: Its time to ban fracking in BC

Greetings,

I wish to formally voice my formal and vehement opposition to fracking as a means of developing BC's oil and gas industries.

Fracking is known to increase seismic activity, and the last thing BC needs is more earthquakes. Deadly "sour gas" emissions from fracking procedures can lead to serious health problems in humans and other animals, and numerous workers in the oil and gas industry have been killed due to sour gas exposure. Fracking causes serious fresh and groundwater pollution due to the chemicals used in the process, and this kind of pollution is simply not an acceptable risk considering the magnitude of the potential consequences to the health of British Columbians.

In a time when BC should be pursuing clean, sustainable energy sources such as solar, tidal, wind, and geothermal energy, it is disgraceful that BC is allowing fracking to occur, especially considering that many other governments are cracking down on this dangerous practice. Canada should be a global leader in energy production, and should not be wallowing in the dirty past of fossil fuel extraction activities.

Sincerely,

s.22

This letter was created with the use of an online letter writing tool which you can find at wildernesscommittee.org

Nicoll, Sara ENV:EX

From: Minister, ENV ENV:EX
Sent: Wednesday, February 29, 2012 1:45 PM
To: Correspondence Unit ENV:EX
Subject: FW: Its time to ban fracking in BC

Follow Up Flag: Follow up
Flag Status: Completed

Categories: Diana

-----Original Message-----

From: webmaster@wildernesscommittee.org [mailto:webmaster@wildernesscommittee.org] On Behalf Of s.22
Sent: Friday, February 24, 2012 11:24 AM
To: Minister, ENV ENV:EX
Subject: Its time to ban fracking in BC

Dear Sir/Madam

I am writing to express my comments on Shale Gas Extraction. known as "Fracking", and would make the following points

1/Earthquakes: Studies in the UK and the US have connected fracking to increased seismic activity. A recent report from the United States Geological Survey linked close to 50 earthquakes in Oklahoma to fracking activity. In British Columbia, over 30 earthquakes have been reported in the Horn Lake Basin, an area of concentrated fracking activity.

2/Sour Gas: Exposure to deadly sour gas emissions is a daily worry for people living next to natural extraction. Sour gas contains hydrogen sulfide (H₂S), which is actually very toxic. In small doses it can cause headaches, lung damage, nausea, and lead to miscarriages. Exposure in high doses can lead to death in humans and livestock. Sour gas exposure is one of the biggest concerns of people living in northeastern BC.

3/Accidents: In November 2009, there was a leak in a wellhead near the town of Pouce Coupe, in BC's Peace Region, that spewed 30,000 cubic metres of gas into the air. Hydrogen sulphide levels in the escaping gas were six times above lethal levels. The estimated eight-hour gas leak forced the evacuation of 18 residents, killed a horse and resulted in at least one emergency hospitalization. In addition over 30 workers have been killed in BC and Alberta over the past three decades from sour gas exposure.

4/Water Contamination: The fracking process injects an immense amount of fresh water, laced with chemicals and sand, to crack open shale rock beds. The leftover waste water is full of heavy metals and hazardous chemicals like benzene, and has been found to be radioactive. If this substance enters the freshwater system it can have disastrous consequences.

It's clear that, at a minimum, BC should match global regulations. It's shocking that while BC and some other provinces in Canada are gearing up for a reckless expansion of the fracking industry, jurisdictions around the world are putting a halt to this dangerous practice. BC needs to step up to the plate and say 'No' to fracking.

Yours Faithfully

This letter was created with the use of an online letter writing tool which you can find at wildernesscommittee.org

Nicoll, Sara ENV:EX

From: Minister, ENV ENV:EX
Sent: Tuesday, March 6, 2012 5:14 PM
To: Correspondence Unit ENV:EX
Subject: FW: Its time to ban fracking in BC

Follow Up Flag: Follow up
Flag Status: Completed

Categories: Diana

-----Original Message-----

From: webmaster@wildernesscommittee.org [<mailto:webmaster@wildernesscommittee.org>] On Behalf Of s.22
Sent: Thursday, March 1, 2012 8:12 PM
To: Minister, ENV ENV:EX
Subject: Its time to ban fracking in BC

Dear HHRA,
Shale gas is still a fossil fuel so subject to all the issues related to traditional drilling operations. There's no evidence shale gas will reduce fuel bills and if there is a world-wide rush to fracking projects global temperatures will continue to rise. Fracking has been associated with earthquakes in Northern England and other sites
<http://www.guardian.co.uk/environment/2011/nov/02/fracking-cause-lancashire-quakes>

I am very concerned about drinking water contamination by as yet unknown chemicals as well as methane and hydrogen sulphide. Until this technology has been proven safe and none-polluting with a sound evidence base (none industry sponsored) and until regulation is tightened I think there should be a moratorium on any further projects in BC. Any government funding should be diverted away from fracking and into renewables.

Yours sincerely,

s.22

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Nicoll, Sara ENV:EX

From: Minister, ENV ENV:EX
Sent: Tuesday, March 6, 2012 5:14 PM
To: Correspondence Unit ENV:EX
Subject: FW: Its time to ban fracking in BC

Follow Up Flag: Follow up
Flag Status: Completed

Categories: Diana

-----Original Message-----

From: webmaster@wildernesscommittee.org [<mailto:webmaster@wildernesscommittee.org>] On Behalf Of s.22
Sent: Tuesday, March 6, 2012 4:58 PM
To: Minister, ENV ENV:EX
Subject: Its time to ban fracking in BC

Premier Clark and Adrian Dix:

Fracking is a dangerous practice that is killing our environment and has the potential to do great damage. Please - we need our government to step up and STOP the practice of fracking!

* **Earthquakes:** Studies in the UK and the US have connected fracking to increased seismic activity. A recent report from the United States Geological Survey linked close to 50 earthquakes in Oklahoma to fracking activity. In British Columbia, over 30 earthquakes have been reported in the Horn Lake Basin, an area of concentrated fracking activity.

* **Sour Gas:** Exposure to deadly sour gas emissions is a daily worry for people living next to natural extraction. Sour gas contains hydrogen sulfide (H₂S), which is actually very toxic. In small doses it can cause headaches, lung damage, nausea, and lead to miscarriages. Exposure in high doses can lead to death in humans and livestock. Sour gas exposure is one of the biggest concerns of people living in northeastern BC.

* **Accidents:** In November 2009, there was a leak in a wellhead near the town of Pouce Coupe, in BC's Peace Region, that spewed 30,000 cubic metres of gas into the air. Hydrogen sulphide levels in the escaping gas were six times above lethal levels. The estimated eight-hour gas leak forced the evacuation of 18 residents, killed a horse and resulted in at least one emergency hospitalization. In addition over 30 workers have been killed in BC and Alberta over the past three decades from sour gas exposure.

* **Water Contamination:** The fracking process injects an immense amount of fresh water, laced with chemicals and sand, to crack open shale rock beds. The leftover waste water is full of heavy metals and hazardous chemicals like benzene, and has been found to be radioactive. If this substance enters the freshwater system it can have disastrous consequences.

* It's clear that, at a minimum, BC should match global regulations. It's shocking that while BC and some other provinces in Canada are gearing up for a reckless expansion of the fracking industry, jurisdictions around the world are putting a halt to this dangerous practice. BC needs to step up to the plate and say 'No' to fracking.

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Nicoll, Sara ENV:EX

From: Minister, ENV ENV:EX
Sent: Tuesday, March 6, 2012 5:13 PM
To: Correspondence Unit ENV:EX
Subject: FW: Its time to ban fracking in BC

Follow Up Flag: Follow up
Flag Status: Completed

Categories: Diana

-----Original Message-----

From: webmaster@wildernesscommittee.org [<mailto:webmaster@wildernesscommittee.org>] On Behalf Of s.22
Sent: Tuesday, March 6, 2012 4:48 PM
To: Minister, ENV ENV:EX
Subject: Its time to ban fracking in BC

Dear Decision Maker:

It's very difficult to keep up with the environmental hazards that face us. Everyday, concerned citizens who care about the quality of air, land, oceans, forests must challenge ever-more destructive methods of unsustainable resource extraction. Now, there's a dastardly extraction method for natural gas called "fracking." From what I have read, this seems like a terrible way to obtain a reasonably clean energy source. Why on earth would we do this?

We blow up mountains to obtain filthy coal, and now we're willing to risk contamination to water supplies to get at natural gas. This seems nonsensical. This method is being banned in other parts of Canada and the globe, but here in BC, I understand there's an expansion underway. This seems nonsensical and irresponsible, especially if there are not adequate regulations and standards in place.

I urge you to take a very serious look at "fracking," and at the very least, to ensure that the highest standard of protections, disaster/earthquake preparedness, compensation allowances, and mitigation measures are in place for the accidents and contamination that are inevitable with "fracking."

Even the name disgusts. Humans are capable of rational and compassionate decision-making. We are better than "fracking."

Please contact me with your position on this issue.

Thank you,

s.22

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Nicoll, Sara ENV:EX

From: Minister, ENV ENV:EX
Sent: Tuesday, March 6, 2012 5:13 PM
To: Correspondence Unit ENV:EX
Subject: FW: Its time to ban fracking in BC

Follow Up Flag: Follow up
Flag Status: Completed

Categories: Diana

-----Original Message-----

From: webmaster@wildernesscommittee.org [mailto:webmaster@wildernesscommittee.org] On Behalf Of s.22
Sent: Tuesday, March 6, 2012 4:57 PM
To: Minister, ENV ENV:EX
Subject: Its time to ban fracking in BC

Dear Premier Clark and Adrian Dix,

I am deeply concerned about the proposed and current oil and gas development in Northern BC. These are a few concerns that I have, that I know are shared with others:

Earthquakes: Studies in the UK and the US have connected fracking to increased seismic activity. A recent report from the United States Geological Survey linked close to 50 earthquakes in Oklahoma to fracking activity. In British Columbia, over 30 earthquakes have been reported in the Horn Lake Basin, an area of concentrated fracking activity.

Sour Gas: Exposure to deadly sour gas emissions is a daily worry for people living next to natural extraction. Sour gas contains hydrogen sulfide (H₂S), which is actually very toxic. In small doses it can cause headaches, lung damage, nausea, and lead to miscarriages. Exposure in high doses can lead to death in humans and livestock. Sour gas exposure is one of the biggest concerns of people living in northeastern BC.

Accidents: In November 2009, there was a leak in a wellhead near the town of Pouce Coupe, in BC's Peace Region, that spewed 30,000 cubic metres of gas into the air. Hydrogen sulphide levels in the escaping gas were six times above lethal levels. The estimated eight-hour gas leak forced the evacuation of 18 residents, killed a horse and resulted in at least one emergency hospitalization. In addition over 30 workers have been killed in BC and Alberta over the past three decades from sour gas exposure.

Water Contamination: The fracking process injects an immense amount of fresh water, laced with chemicals and sand, to crack open shale rock beds. The leftover waste water is full of heavy metals and hazardous chemicals like benzene, and has been found to be radioactive. If this substance enters the freshwater system it can have disastrous consequences.

It's clear that, at a minimum, BC should match global regulations. It's shocking that while BC and some other provinces in Canada are gearing up for a reckless expansion of the fracking industry, jurisdictions around the world are putting a halt to this dangerous practice. BC needs to step up to the plate and say 'No' to fracking.

So for the mentioned reasons, I am not in support of fracking development in BC.

Thank you for hearing my concerns,

This letter was created with the use of an online letter writing tool which you can find at wildernesscommittee.org

Nicoll, Sara ENV:EX

From: Minister, ENV ENV:EX
Sent: Tuesday, March 6, 2012 5:14 PM
To: Correspondence Unit ENV:EX
Subject: FW: Its time to ban fracking in BC

Follow Up Flag: Follow up
Flag Status: Completed

Categories: Diana

-----Original Message-----

From: webmaster@wildernesscommittee.org [<mailto:webmaster@wildernesscommittee.org>] On Behalf Of s.22
Sent: Tuesday, March 6, 2012 12:23 PM
To: Minister, ENV ENV:EX
Subject: Its time to ban fracking in BC

Dear Reader,

I am writing because I have concerns about the human health risks of fracking in British Columbia. Here are a few points I would like to bring your attention to.

Earthquakes: Studies in the UK and the US have connected fracking to increased seismic activity. A recent report from the United States Geological Survey linked close to 50 earthquakes in Oklahoma to fracking activity. In British Columbia, over 30 earthquakes have been reported in the Horn Lake Basin, an area of concentrated fracking activity.

Sour Gas: Exposure to deadly sour gas emissions is a daily worry for people living next to natural extraction. Sour gas contains hydrogen sulfide (H₂S), which is actually very toxic. In small doses it can cause headaches, lung damage, nausea, and lead to miscarriages. Exposure in high doses can lead to death in humans and livestock. Sour gas exposure is one of the biggest concerns of people living in northeastern BC.

Accidents: In November 2009, there was a leak in a wellhead near the town of Pouce Coupe, in BC's Peace Region, that spewed 30,000 cubic metres of gas into the air. Hydrogen sulphide levels in the escaping gas were six times above lethal levels. The estimated eight-hour gas leak forced the evacuation of 18 residents, killed a horse and resulted in at least one emergency hospitalization. In addition over 30 workers have been killed in BC and Alberta over the past three decades from sour gas exposure.

Water Contamination: The fracking process injects an immense amount of fresh water, laced with chemicals and sand, to crack open shale rock beds. The leftover waste water is full of heavy metals and hazardous chemicals like benzene, and has been found to be radioactive. If this substance enters the freshwater system it can have disastrous consequences.

It's clear that, at a minimum, BC should match global regulations. It's shocking that while BC and some other provinces in Canada are gearing up for a reckless expansion of the fracking industry, jurisdictions around the world are putting a halt to this dangerous practice. BC needs to step up to the plate and say 'No' to fracking.

It's time to stop drinking Friedman's Free Market Kool-Aid and do the right thing. People and the environment before profits!

This letter was created with the use of an online letter writing tool which you can find at wildernesscommittee.org

Nicoll, Sara ENV:EX

From: Minister, ENV ENV:EX
Sent: Tuesday, March 6, 2012 5:31 PM
To: Correspondence Unit ENV:EX
Subject: FW: Its time to ban fracking in BC

Follow Up Flag: Follow up
Flag Status: Completed

Categories: Diana

-----Original Message-----

From: webmaster@wildernesscommittee.org [mailto:webmaster@wildernesscommittee.org] On Behalf Of s.22
Sent: Tuesday, March 6, 2012 5:02 PM
To: Minister, ENV ENV:EX
Subject: Its time to ban fracking in BC

Greetings.

I wish to voice my vehement opposition to the practice of fracking in BC.

Some of the reasons for my opposition are:

- fracking causes increased seismic activity, something we definitely don't need to encourage in BC.
- fracking emits deadly hydrogen sulfide that is a potentially deadly health hazard to humans and other animals.
- fracking accidents are extremely dangerous and unnecessary.
- fracking seriously contaminates vast quantities of fresh water, and the aftermath leaves hazardous, toxic waste in otherwise pristine wilderness areas.
- fracking is being severely limited and regulated around the world, and BC should be a leader in clean, safe energy production, not the hazardous and unsustainable fossil fuel industry.

Do the right thing. Ban fracking so that BC can be enjoyed in a safe and sustainable manner for generation after generation, rather than leaving a mess for our children to deal with.

Sincerely,

s.22

This letter was created with the use of an online letter writing tool which you can find at wildernesscommittee.org

Nicoll, Sara ENV:EX

From: Minister, ENV ENV:EX
Sent: Tuesday, March 6, 2012 5:31 PM
To: Correspondence Unit ENV:EX
Subject: FW: Its time to ban fracking in BC

Follow Up Flag: Follow up
Flag Status: Completed

Categories: Diana

-----Original Message-----

From: webmaster@wildernesscommittee.org [mailto:webmaster@wildernesscommittee.org] On Behalf Of s.22
Sent: Tuesday, March 6, 2012 5:04 PM
To: Minister, ENV ENV:EX
Subject: Its time to ban fracking in BC

To: Human Health Risk Assessment into Oil & Gas Development in Northeastern BC

Re: Fracking Health Review

With shale gas extraction, accidents happen. Based on the experience with this industry around the world, it is only a matter of when, not if. There have been many well documented incidents of waste water leaking into groundwater, into wells, and into rivers and streams. This has led to drinking water bans, but not before it made a lot of people sick. BC's policies with respect to fracking need to get up to speed to protect both human health and the environment.

Earthquakes: Studies in the UK and the US have connected fracking to increased seismic activity. A recent report from the United States Geological Survey linked close to 50 earthquakes in Oklahoma to fracking activity. In British Columbia, over 30 earthquakes have been reported in the Horn Lake Basin, an area of concentrated fracking activity.

Sour Gas: Exposure to deadly sour gas emissions is a daily worry for people living next to natural extraction. Sour gas contains hydrogen sulfide (H₂S), which is actually very toxic. In small doses it can cause headaches, lung damage, nausea, and lead to miscarriages. Exposure in high doses can lead to death in humans and livestock. Sour gas exposure is one of the biggest concerns of people living in northeastern BC.

Accidents: In November 2009, there was a leak in a wellhead near the town of Pouce Coupe, in BC's Peace Region, that spewed 30,000 cubic metres of gas into the air. Hydrogen sulphide levels in the escaping gas were six times above lethal levels. The estimated eight-hour gas leak forced the evacuation of 18 residents, killed a horse and resulted in at least one emergency hospitalization. In addition over 30 workers have been killed in BC and Alberta over the past three decades from sour gas exposure.

Water Contamination: The fracking process injects an immense amount of fresh water, laced with chemicals and sand, to crack open shale rock beds. The leftover waste water is full of heavy metals and hazardous chemicals like benzene, and has been found to be radioactive. If this substance enters the freshwater system it can have disastrous consequences.

It's clear that, at a minimum, BC should match global regulations. It's shocking that while BC and some other provinces in Canada are gearing up for a reckless expansion of the fracking industry, jurisdictions around the world are putting a halt to this dangerous practice. BC needs to step up to the plate and say 'No' to fracking.
Thank you for the opportunity to bring these remarks to your attention.

Yours sincerely,

s.22

cc:

Premier Clark
Adrian Dix, the Leader of the Official Opposition:
Secretary Hillary Clinton

s.22

This letter was created with the use of an online letter writing tool which you can find at wildernesscommittee.org

Nicoll, Sara ENV:EX

From: Minister, ENV ENV:EX
Sent: Tuesday, March 6, 2012 5:32 PM
To: Correspondence Unit ENV:EX
Subject: FW: Its time to ban fracking in BC

Follow Up Flag: Follow up
Flag Status: Completed

Categories: Diana

-----Original Message-----

From: webmaster@wildernesscommittee.org [mailto:webmaster@wildernesscommittee.org] On Behalf Of s.22
Sent: Tuesday, March 6, 2012 4:52 PM
To: Minister, ENV ENV:EX
Subject: Its time to ban fracking in BC

Dear Premier Clark and Opposition Leader Adrian Dix:

Please ensure that at a minimum, British Columbia should establish regulations for the oil and gas industry that match or better global regulations. As a tax payer in this province, I do not want to see waste water leaking into our groundwater, into wells, and into our rivers and streams. I also do not want to the residents of British Columbia who in in Northeaster BC exposed to sour gas. The consequences for human life are simply not acceptable. I also do not want there to be an increased probability of earthquakes and seismic activity in our Province due to exposure to concentrated fracking that takes place in ares where shale gas is being extracted from our precious environment. We are the taxpayers of this province. We are also the guardians of a sustainable environment. Please do not permit practises that may not affect you and I in our lifetime, but will be disastrous to the generations of children and grandchildren who come after us. Thank you for your consideration

This letter was created with the use of an online letter writing tool which you can find at wildernesscommittee.org

Nicoll, Sara ENV:EX

From: Minister, ENV ENV:EX
Sent: Wednesday, March 7, 2012 9:07 AM
To: Correspondence Unit ENV:EX
Subject: FW: Its time to ban fracking in BC

Follow Up Flag: Follow up
Flag Status: Completed

Categories: Diana

-----Original Message-----

From: webmaster@wildernesscommittee.org [mailto:webmaster@wildernesscommittee.org] On Behalf Of s.22
Sent: Wednesday, March 7, 2012 6:47 AM
To: Minister, ENV ENV:EX
Subject: Its time to ban fracking in BC

Hydro-fracking must be dramatically curtailed in BC--and elsewhere--due to numerous economic and ecological externalities.

Studies in the UK and the US have connected fracking to increased seismic activity. A recent report from the United States Geological Survey linked close to 50 earthquakes in Oklahoma to fracking activity. In British Columbia, over 30 earthquakes have been reported in the Horn Lake Basin, an area of concentrated fracking activity.

Sour Gas: Exposure to deadly sour gas emissions is a daily worry for people living next to natural extraction. Sour gas contains hydrogen sulfide (H₂S), which is actually very toxic. In small doses it can cause headaches, lung damage, nausea, and lead to miscarriages. Exposure in high doses can lead to death in humans and livestock. Sour gas exposure is one of the biggest concerns of people living in northeastern BC.

Accidents: In November 2009, there was a leak in a wellhead near the town of Pouce Coupe, in BC's Peace Region, that spewed 30,000 cubic metres of gas into the air. Hydrogen sulphide levels in the escaping gas were six times above lethal levels. The estimated eight-hour gas leak forced the evacuation of 18 residents, killed a horse and resulted in at least one emergency hospitalization. In addition over 30 workers have been killed in BC and Alberta over the past three decades from sour gas exposure.

Water Contamination: The fracking process injects an immense amount of fresh water, laced with chemicals and sand, to crack open shale rock beds. The leftover waste water is full of heavy metals and hazardous chemicals like benzene, and has been found to be radioactive. If this substance enters the freshwater system it can have disastrous consequences.

Peak Everything: For intergenerational social justice, leaving this gas in the ground is also the only moral choice given that economically reachable supplies of natural gas are dwindling rapidly. I personally want to see my children have a chance at surviving on our earth without dramatic climate change and with some hydrocarbons to help them stay warm.

It's clear that, at a minimum, BC should match global regulations. It's shocking that while BC and some other provinces in Canada are gearing up for a reckless expansion of the fracking industry, jurisdictions around the world are putting a halt to this dangerous practice. BC needs to step up to the plate and say 'No' to hydro-fracking.

This letter was created with the use of an online letter writing tool which you can find at wildernesscommittee.org

Nicoll, Sara ENV:EX

From: Minister, ENV ENV:EX
Sent: Wednesday, March 7, 2012 9:07 AM
To: Correspondence Unit ENV:EX
Subject: FW: Its time to ban fracking in BC

Follow Up Flag: Follow up
Flag Status: Completed

Categories: Diana

-----Original Message-----

From: webmaster@wildernesscommittee.org [<mailto:webmaster@wildernesscommittee.org>] On Behalf Of s.22
Sent: Tuesday, March 6, 2012 11:54 PM
To: Minister, ENV ENV:EX
Subject: Its time to ban fracking in BC

As a citizen of BC and a consumer of natural gas, I am extremely concerned about fracking in BC and elsewhere. I would rather pay more for gas now than ruin the natural patrimony of BC.

In light of the fact that there are questions around earthquakes, sour gas, accidents and water contamination wherever fracking has been allowed to proceed, it is clear that BC must at a minimum match global regulations.

However, BC has a reputation of being at the forefront of environmental legislation and should therefore say no to fracking until further studies have been completed. If in the end fracking is proved safe, the gas extracted will have a higher value than it does today, if fracking is proven to be detrimental, a moratorium will be celebrated; therefore, a moratorium on gracking at this time is a win-win endeavour.

This letter was created with the use of an online letter writing tool which you can find at wildernesscommittee.org

Nicoll, Sara ENV:EX

From: Minister, ENV ENV:EX
Sent: Wednesday, March 7, 2012 9:06 AM
To: Correspondence Unit ENV:EX
Subject: FW: Its time to ban fracking in BC

Follow Up Flag: Follow up
Flag Status: Completed

Categories: Diana

-----Original Message-----

From: webmaster@wildernesscommittee.org [mailto:webmaster@wildernesscommittee.org] On Behalf Of s.22
Sent: Tuesday, March 6, 2012 11:25 PM
To: Minister, ENV ENV:EX
Subject: Its time to ban fracking in BC

Canada and BC in particular has unique physical and human assets perfectly poised to position itself as a global leader in renewable energies of all ilks.

The fact that we would move 180 degrees in the opposite direction and destroy our environment for short term financial gain to me is shocking, shameful and shows a lack of vision by leadership that approaches crisis proportion. If the idea of soiling massive amounts of fresh water to pump a toxic cocktail of chemicals underground at pressures so extreme they have been proven to cause earthquakes for the purpose of extracting carbon that it took the earth millions of years to sequester to support life in the first place, seems like a good idea, I have grave doubts for any decisions such a government would make on any matter.

Economic growth and jobs, jobs, jobs arguments lack vision and exemplify short term thinking. We can't afford to live in the petroleum box any more.

There is a fresh wind blowing. A need and a demand from the people for a shift in the way we think, live, and consume. Can't you feel it? Political leadership with a balanced, sustainable vision has an unbelievable opportunity for success at this very instant in history, but it will take courage.

An economy can function sustainably on steady state, no-growth economic principles. Indeed it is the only way that it can. If you can't see that road, then you're in the way of those of us that can. Please step aside.

Respectfully, because I know your job is difficult, but we can't afford this,

s.22

A concerned human being.

This letter was created with the use of an online letter writing tool which you can find at wildernesscommittee.org

Nicoll, Sara ENV:EX

From: Minister, ENV ENV:EX
Sent: Wednesday, March 7, 2012 9:06 AM
To: Correspondence Unit ENV:EX
Subject: FW: Its time to ban fracking in BC

Follow Up Flag: Follow up
Flag Status: Completed

Categories: Diana

-----Original Message-----

From: webmaster@wildernesscommittee.org [<mailto:webmaster@wildernesscommittee.org>] On Behalf Of s.22
Sent: Tuesday, March 6, 2012 11:13 PM
To: Minister, ENV ENV:EX
Subject: Its time to ban fracking in BC

Human Health Risk Assessment into Oil & Gas Development in Northeastern BC,

I am concerned about the health and environmental impacts of fracking operations. In particular, I fear for the potential for water contamination, for water is at the very basis of our survival. I find it hard to understand how a place like BC could continue such dangerous extraction operations while other jurisdictions globally have stopped due to its potential dangerous outcomes. Increased earthquakes, potential exposure to sour gas, gas leaks, and water contamination are not things I have any desire to see for this province. If we want to keep this place, 'Super Natural British Columbia' I believe that fracking needs to stop. Please put people's health, safety and our environment before dangerous extraction methods.

Regards,

s.22

This letter was created with the use of an online letter writing tool which you can find at wildernesscommittee.org

Nicoll, Sara ENV:EX

From: Minister, ENV ENV:EX
Sent: Wednesday, March 7, 2012 9:06 AM
To: Correspondence Unit ENV:EX
Subject: FW: Its time to ban fracking in BC

Follow Up Flag: Follow up
Flag Status: Completed

Categories: Diana

-----Original Message-----

From: webmaster@wildernesscommittee.org [<mailto:webmaster@wildernesscommittee.org>] On Behalf Of s.22
Sent: Tuesday, March 6, 2012 11:12 PM
To: Minister, ENV ENV:EX
Subject: Its time to ban fracking in BC

Please, no fracking!

Earthquakes: Studies in the UK and the US have connected fracking to increased seismic activity. A recent report from the United States Geological Survey linked close to 50 earthquakes in Oklahoma to fracking activity. In British Columbia, over 30 earthquakes have been reported in the Horn Lake Basin, an area of concentrated fracking activity.

Sour Gas: Exposure to deadly sour gas emissions is a daily worry for people living next to natural extraction. Sour gas contains hydrogen sulfide (H₂S), which is actually very toxic. In small doses it can cause headaches, lung damage, nausea, and lead to miscarriages. Exposure in high doses can lead to death in humans and livestock. Sour gas exposure is one of the biggest concerns of people living in northeastern BC.

Accidents: In November 2009, there was a leak in a wellhead near the town of Pouce Coupe, in BC's Peace Region, that spewed 30,000 cubic metres of gas into the air. Hydrogen sulphide levels in the escaping gas were six times above lethal levels. The estimated eight-hour gas leak forced the evacuation of 18 residents, killed a horse and resulted in at least one emergency hospitalization. In addition over 30 workers have been killed in BC and Alberta over the past three decades from sour gas exposure.

Water Contamination: The fracking process injects an immense amount of fresh water, laced with chemicals and sand, to crack open shale rock beds. The leftover waste water is full of heavy metals and hazardous chemicals like benzene, and has been found to be radioactive. If this substance enters the freshwater system it can have disastrous consequences.

It's clear that, at a minimum, BC should match global regulations. It's shocking that while BC and some other provinces in Canada are gearing up for a reckless expansion of the fracking industry, jurisdictions around the world are putting a halt to this dangerous practice. BC needs to step up to the plate and say 'No' to fracking.

This letter was created with the use of an online letter writing tool which you can find at wildernesscommittee.org

Nicoll, Sara ENV:EX

From: Minister, ENV ENV:EX
Sent: Wednesday, March 7, 2012 9:06 AM
To: Correspondence Unit ENV:EX
Subject: FW: Its time to ban fracking in BC

Follow Up Flag: Follow up
Flag Status: Completed

Categories: Diana

-----Original Message-----

From: webmaster@wildernesscommittee.org [<mailto:webmaster@wildernesscommittee.org>] On Behalf Of s.22
Sent: Tuesday, March 6, 2012 10:52 PM
To: Minister, ENV ENV:EX
Subject: Its time to ban fracking in BC

I am opposed to the present expansion of the fracking industry in British Columbia. In a province matched by few in terms of the quality of our remaining natural environment its degradation due to poor industrial practices like fracking cannot be condoned. As a resident of British Columbia, a father of three children who regularly spend their summers up North and as a resident of Canada, I do not feel that the health concerns of the present or future generations are being properly considered by this government.

Considering that many parts of the world are limiting shale gas expansion by means of fracking, British Columbia needs to have a look around and bring its regulations in line with global standards. The risks associated with sour gas exposure, water contamination, potential seismic consequences and potential accidents are too great to ignore in the interest of short term financial profit. All of these risks have been documented in relation to fracking shale gas extraction. I therefore urge you to protect British Columbia, its residents, its visitors, its wildlife and our habitat - please stop the use of fracking on our lands.

Sincerely,

s.22

This letter was created with the use of an online letter writing tool which you can find at wildernesscommittee.org

Nicoll, Sara ENV:EX

From: Minister, ENV ENV:EX
Sent: Wednesday, March 7, 2012 9:06 AM
To: Correspondence Unit ENV:EX
Subject: FW: Its time to ban fracking in BC

Follow Up Flag: Follow up
Flag Status: Completed

Categories: Diana

-----Original Message-----

From: webmaster@wildernesscommittee.org [<mailto:webmaster@wildernesscommittee.org>] On Behalf Of s.22
Sent: Tuesday, March 6, 2012 10:39 PM
To: Minister, ENV ENV:EX
Subject: Its time to ban fracking in BC

I am asking you to put a halt to any further development of fracking and to phase out current fracking operations.

From all the information I have read, all the documentaries and films I have watched and all the discussions I have listened to, I can't believe that people actually do this. Groundwater and people's wells are being contaminated. Cattle have died from ingesting the water. Sour gas smells have been reported. Sour Gas or, H₂S, is very toxic. Sour gas emissions can be deadly and people and animals exposed to H₂S are at deadly risk. There is documentation of animals dying. Humans tend not to die from exposure immediately; people tend to take longer to die by contracting cancers etc that can sometimes take decades to develop, but the underlying cause is there. There are people who are suffering from debilitating illness due to exposure to the toxins that are part of the outfall and emissions of the process of fracking. Health is of huge concern to people living in areas where fracking takes place.

There are reasons other than health that are of deep concern.

Fracking is linked to increased seismic activity.

The waste water from the fracking process is contaminated; it is full of heavy metals and hazardous chemicals like benzene, and has been found to be radioactive. It can have disastrous consequences when it gets into water systems.

BC needs to look at what other countries are doing around fracking and learn from them. Many are putting a halt to fracking as they have experienced the disastrous consequences of this most dangerous practice. BC needs to put an end to fracking now before huge areas of our province have been destroyed or indefinitely altered, and who knows how many people and animals will get sick and die.

It's shocking that in view of the information we have, BC and some other provinces in Canada are gearing up for a reckless expansion of the fracking industry. BC needs to step up to the plate and say 'No' to fracking.

We need a government that is on board in implementing alternative solutions to energy needs. BC's energy consumption is declining so, when might it be a better time to get on board and begin to set our province on a progressive, environmental, course. A course that will make

our province cleaner, healthier and happier. Three ingredients we need for the well-being of a healthy functioning society.

Yours sincerely,

s.22

This letter was created with the use of an online letter writing tool which you can find at wildernesscommittee.org

Nicoll, Sara ENV:EX

From: Minister, ENV ENV:EX
Sent: Wednesday, March 7, 2012 9:06 AM
To: Correspondence Unit ENV:EX
Subject: FW: Its time to ban fracking in BC

Follow Up Flag: Follow up
Flag Status: Completed

Categories: Diana

-----Original Message-----

From: webmaster@wildernesscommittee.org [mailto:webmaster@wildernesscommittee.org] On Behalf Of s.22
Sent: Tuesday, March 6, 2012 10:33 PM
To: Minister, ENV ENV:EX
Subject: Its time to ban fracking in BC

I am extremely concerned about the impacts that studies have shown negatively affect human and community, not to mention the devastating ecosystem impacts of fracking.

Earthquakes: Studies in the UK and the US have connected fracking to increased seismic activity. A recent report from the United States Geological Survey linked close to 50 earthquakes in Oklahoma to fracking activity. In British Columbia, over 30 earthquakes have been reported in the Horn Lake Basin, an area of concentrated fracking activity.

Sour Gas: Exposure to deadly sour gas emissions is a daily worry for people living next to natural extraction. Sour gas contains hydrogen sulfide (H₂S), which is actually very toxic. In small doses it can cause headaches, lung damage, nausea, and lead to miscarriages.

Exposure in high doses can lead to death in humans and livestock. Sour gas exposure is one of the biggest concerns of people living in northeastern BC.

Accidents: In November 2009, there was a leak in a wellhead near the town of Pouce Coupe, in BC's Peace Region, that spewed 30,000 cubic metres of gas into the air. Hydrogen sulphide levels in the escaping gas were six times above lethal levels. The estimated eight-hour gas leak forced the evacuation of 18 residents, killed a horse and resulted in at least one emergency hospitalization. In addition over 30 workers have been killed in BC and Alberta over the past three decades from sour gas exposure.

Water Contamination: The fracking process injects an immense amount of fresh water, laced with chemicals and sand, to crack open shale rock beds. The leftover waste water is full of heavy metals and hazardous chemicals like benzene, and has been found to be radioactive. If this substance enters the freshwater system it can have disastrous consequences.

It's clear that, at a minimum, BC should match global regulations. It's shocking that while BC and some other provinces in Canada are gearing up for a reckless expansion of the fracking industry, jurisdictions around the world are putting a halt to this dangerous practice. BC needs to step up to the plate and say 'No' to fracking.

Sincerely, s.22

This letter was created with the use of an online letter writing tool which you can find at wildernesscommittee.org

Nicoll, Sara ENV:EX

From: Minister, ENV ENV:EX
Sent: Wednesday, March 7, 2012 9:06 AM
To: Correspondence Unit ENV:EX
Subject: FW: Its time to ban fracking in BC

Follow Up Flag: Follow up
Flag Status: Completed

Categories: Diana

-----Original Message-----

From: webmaster@wildernesscommittee.org [mailto:webmaster@wildernesscommittee.org] On Behalf Of s.22
Sent: Tuesday, March 6, 2012 10:10 PM
To: Minister, ENV ENV:EX
Subject: Its time to ban fracking in BC

Are you kidding me - FRACKING- !!! This is some of the nastiest business at it's best. Letting this industry go ahead at all never mind without adequate regulation is pretty much one the most either ignorant or uncaring decisions that can be made. Don't just take the industry's word that it can be done safely. Please look into it from every angle without the false distraction of job creation, or economic upside. Fracking is one of the surest ways to poison us all and the environment. Here are just some of the facts: The fracking process injects an immense amount of fresh water, laced with chemicals and sand, to crack open shale rock beds. The leftover waste water is full of heavy metals and hazardous chemicals like benzene, and has been found to be radioactive. If this substance enters the freshwater system it can have disastrous consequences. Exposure to deadly sour gas emissions is a daily worry for people living next to natural extraction. Sour gas contains hydrogen sulfide (H₂S), which is actually very toxic. In small doses it can cause headaches, lung damage, nausea, and lead to miscarriages. Exposure in high doses can lead to death in humans and livestock. Sour gas exposure is one of the biggest concerns of people living in northeastern BC In November 2009, there was a leak in a wellhead near the town of Pouce Coupe, in BC's Peace Region, that spewed 30,000 cubic metres of gas into the air. Hydrogen sulphide levels in the escaping gas were six times above lethal levels. The estimated eight-hour gas leak forced the evacuation of 18 residents, killed a horse and resulted in at least one emergency hospitalization. In addition over 30 workers have been killed in BC and Alberta over the past three decades from sour gas exposure. Studies in the UK and the US have connected fracking to increased seismic activity. A recent report from the United States Geological Survey linked close to 50 earthquakes in Oklahoma to fracking activity. In British Columbia, over 30 earthquakes have been reported in the Horn Lake Basin, an area of concentrated fracking activity. t's shocking that while BC and some other provinces in Canada are gearing up for a reckless expansion of the fracking industry, jurisdictions around the world are putting a halt to this dangerous practice. BC needs to step up to the plate and say 'No' to fracking. Please I implore you with everything that's in me to take a serious look at what fracking really does.

Sincerely,

s.22

This letter was created with the use of an online letter writing tool which you can find at wildernesscommittee.org

Nicoll, Sara ENV:EX

From: Minister, ENV ENV:EX
Sent: Wednesday, March 7, 2012 9:06 AM
To: Correspondence Unit ENV:EX
Subject: FW: Its time to ban fracking in BC

Follow Up Flag: Follow up
Flag Status: Completed

Categories: Diana

-----Original Message-----

From: webmaster@wildernesscommittee.org [<mailto:webmaster@wildernesscommittee.org>] On Behalf Of s.22
Sent: Tuesday, March 6, 2012 9:36 PM
To: Minister, ENV ENV:EX
Subject: Its time to ban fracking in BC

Re: Human Health Risk Assessment into Oil & Gas Development in Northeastern BC

To whom it may concern:

I am categorically opposed to the practice fracking, and for the following reasons:

Earthquakes: Studies in the UK and the US have connected fracking to increased seismic activity. A recent report from the United States Geological Survey linked close to 50 earthquakes in Oklahoma to fracking activity. In British Columbia, over 30 earthquakes have been reported in the Horn Lake Basin, an area of concentrated fracking activity.

Sour Gas: Exposure to deadly sour gas emissions is a daily worry for people living next to natural extraction. Sour gas contains hydrogen sulfide (H₂S), which is actually very toxic. In small doses it can cause headaches, lung damage, nausea, and lead to miscarriages. Exposure in high doses can lead to death in humans and livestock. Sour gas exposure is one of the biggest concerns of people living in northeastern BC.

Accidents: In November 2009, there was a leak in a wellhead near the town of Pouce Coupe, in BC's Peace Region, that spewed 30,000 cubic metres of gas into the air. Hydrogen sulphide levels in the escaping gas were six times above lethal levels. The estimated eight-hour gas leak forced the evacuation of 18 residents, killed a horse and resulted in at least one emergency hospitalization. In addition over 30 workers have been killed in BC and Alberta over the past three decades from sour gas exposure.

Water Contamination: The fracking process injects an immense amount of fresh water, laced with chemicals and sand, to crack open shale rock beds. The leftover waste water is full of heavy metals and hazardous chemicals like benzene, and has been found to be radioactive. If this substance enters the freshwater system it can have disastrous consequences.

It's clear that, at a minimum, BC should match global regulations. It's shocking that while BC and some other provinces in Canada are gearing up for a reckless expansion of the fracking industry, jurisdictions around the world are putting a halt to this dangerous practice. BC needs to step up to the plate and say 'No' to fracking.

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Nicoll, Sara ENV:EX

From: Minister, ENV ENV:EX
Sent: Wednesday, March 7, 2012 9:05 AM
To: Correspondence Unit ENV:EX
Subject: FW: Its time to ban fracking in BC

Follow Up Flag: Follow up
Flag Status: Completed

Categories: Diana

-----Original Message-----

From: webmaster@wildernesscommittee.org [mailto:webmaster@wildernesscommittee.org] On Behalf Of s.22
Sent: Tuesday, March 6, 2012 8:39 PM
To: Minister, ENV ENV:EX
Subject: Its time to ban fracking in BC

As a young woman in BC, I am very concerned about the danger of fracking and the risk it means for me and my provincial community.

Here are a few reasons why:

Earthquakes: Studies in the UK and the US have connected fracking to increased seismic activity. A recent report from the United States Geological Survey linked close to 50 earthquakes in Oklahoma to fracking activity. In British Columbia, over 30 earthquakes have been reported in the Horn Lake Basin, an area of concentrated fracking activity.

Sour Gas: Exposure to deadly sour gas emissions is a daily worry for people living next to natural extraction. Sour gas contains hydrogen sulfide (H₂S), which is actually very toxic. In small doses it can cause headaches, lung damage, nausea, and lead to miscarriages.

Exposure in high doses can lead to death in humans and livestock. Sour gas exposure is one of the biggest concerns of people living in northeastern BC.

Accidents: In November 2009, there was a leak in a wellhead near the town of Pouce Coupe, in BC's Peace Region, that spewed 30,000 cubic metres of gas into the air. Hydrogen sulphide levels in the escaping gas were six times above lethal levels. The estimated eight-hour gas leak forced the evacuation of 18 residents, killed a horse and resulted in at least one emergency hospitalization. In addition over 30 workers have been killed in BC and Alberta over the past three decades from sour gas exposure.

Water Contamination: The fracking process injects an immense amount of fresh water, laced with chemicals and sand, to crack open shale rock beds. The leftover waste water is full of heavy metals and hazardous chemicals like benzene, and has been found to be radioactive. If this substance enters the freshwater system it can have disastrous consequences.

It's clear that, at a minimum, BC should match global regulations. It's shocking that while BC and some other provinces in Canada are gearing up for a reckless expansion of the fracking industry, jurisdictions around the world are putting a halt to this dangerous practice. BC needs to step up to the plate and say 'No' to fracking.

Thank you for your consideration,

This letter was created with the use of an online letter writing tool which you can find at wildernesscommittee.org

Nicoll, Sara ENV:EX

From: Minister, ENV ENV:EX
Sent: Wednesday, March 7, 2012 9:05 AM
To: Correspondence Unit ENV:EX
Subject: FW: Its time to ban fracking in BC

Follow Up Flag: Follow up
Flag Status: Completed

Categories: Diana

-----Original Message-----

From: webmaster@wildernesscommittee.org [<mailto:webmaster@wildernesscommittee.org>] On Behalf Of s.22
Sent: Tuesday, March 6, 2012 8:04 PM
To: Minister, ENV ENV:EX
Subject: Its time to ban fracking in BC

Hello,

I hope you will not expand the fracking industry and put a stop to this practice. I understand fracking to be very harmful to the environment. I read it is connected to increased earthquake activity, exposes deadly sour gas emissions, pollutes water with heavy metals, and puts people in danger from accidents.

I hope you will join much of the world in stopping this process.

Thank you,

s.22

This letter was created with the use of an online letter writing tool which you can find at wildernesscommittee.org

Nicoll, Sara ENV:EX

From: Minister, ENV ENV:EX
Sent: Wednesday, March 7, 2012 9:05 AM
To: Correspondence Unit ENV:EX
Subject: FW: Its time to ban fracking in BC

Follow Up Flag: Follow up
Flag Status: Completed

Categories: Diana

-----Original Message-----

From: webmaster@wildernesscommittee.org [mailto:webmaster@wildernesscommittee.org] On Behalf Of s.22
Sent: Tuesday, March 6, 2012 7:09 PM
To: Minister, ENV ENV:EX
Subject: Its time to ban fracking in BC

To whom it may concern:

I am writing to express my strong opposition to the use of fracking in British Columbia.

Studies in the UK and the US have connected fracking to increased seismic activity. A recent report from the United States Geological Survey linked close to 50 earthquakes in Oklahoma to fracking activity. In British Columbia, over 30 earthquakes have been reported in the Horn Lake Basin, an area of concentrated fracking activity.

Exposure to deadly sour gas emissions is a daily worry for people living next to natural extraction. Sour gas contains hydrogen sulfide (H₂S), which is actually very toxic. In small doses it can cause headaches, lung damage, nausea, and lead to miscarriages. Exposure in high doses can lead to death in humans and livestock. Sour gas exposure is one of the biggest concerns of people living in northeastern BC.

In November 2009, there was a leak in a wellhead near the town of Pouce Coupe, in BC's Peace Region, that spewed 30,000 cubic metres of gas into the air. Hydrogen sulphide levels in the escaping gas were six times above lethal levels. The estimated eight-hour gas leak forced the evacuation of 18 residents, killed a horse and resulted in at least one emergency hospitalization. In addition over 30 workers have been killed in BC and Alberta over the past three decades from sour gas exposure.

The fracking process injects an immense amount of fresh water, laced with chemicals and sand, to crack open shale rock beds. The leftover waste water is full of heavy metals and hazardous chemicals like benzene, and has been found to be radioactive. If this substance enters the freshwater system it can have disastrous consequences.

It's clear that, at a minimum, BC should match global regulations. It's shocking that while BC and some other provinces in Canada are gearing up for a reckless expansion of the fracking industry, jurisdictions around the world are putting a halt to this dangerous practice.

I urge you to do everything in your power to stop fracking in BC.

This letter was created with the use of an online letter writing tool which you can find at wildernesscommittee.org

Nicoll, Sara ENV:EX

From: Minister, ENV ENV:EX
Sent: Wednesday, March 7, 2012 9:04 AM
To: Correspondence Unit ENV:EX
Subject: FW: Its time to ban fracking in BC

Follow Up Flag: Follow up
Flag Status: Completed

Categories: Diana

-----Original Message-----

From: webmaster@wildernesscommittee.org [<mailto:webmaster@wildernesscommittee.org>] On Behalf Of s.22
Sent: Tuesday, March 6, 2012 6:04 PM
To: Minister, ENV ENV:EX
Subject: Its time to ban fracking in BC

From what I understand, the fracking industry is largely unmonitored and unregulated. This is unacceptable. Our water resources are too precious to allow this sort of unregulated extraction to impact our supplies.

There are a lot of negative consequences that have been reported as a result of fracking. Increased seismic activity in areas that have been 'fracked', sour gas emissions, and water contamination to name a few. I feel that with such charges, thorough investigations should ensue for this industry to ensure it's safety, limits on environmental impacts, and overall cost-benefit to Canada's economy and citizens.

Please consider my comments and concerns in your risk assessment. Thank you.

This letter was created with the use of an online letter writing tool which you can find at wildernesscommittee.org

Nicoll, Sara ENV:EX

From: Minister, ENV ENV:EX
Sent: Thursday, March 8, 2012 8:47 AM
To: Correspondence Unit ENV:EX
Subject: FW: Its time to ban fracking in BC

Follow Up Flag: Follow up
Flag Status: Completed

Categories: Diana

-----Original Message-----

From: webmaster@wildernesscommittee.org [<mailto:webmaster@wildernesscommittee.org>] On Behalf Of s.22
Sent: Wednesday, March 7, 2012 9:02 PM
To: Minister, ENV ENV:EX
Subject: Its time to ban fracking in BC

Re: Human Health Risk Assessment: Oil & Gas Development in Northeastern BC

To Whom it May Concern,

The fracking in the Horn Lake Basin is having an impact on the environment and the people living in and around this area. There is currently not enough scientific research into the effects and consequences of fracking on the environment and the communities near this activity in order for BC to allow it to continue to happen.

Fracking has been connected to increased seismic activity, and there have been over 30 earthquakes in the Horn Lake Basin area where some of BCs fracking activity is concentrated. Also, hydrogen sulfide gas released into the atmosphere due to fracking is a major health concern for the people, livestock and wildlife in the area!

If that isn't enough reason to put a halt to fracking in BC, consider the fact that Canada has most of the world's fresh water and fracking using much of this precious water, lacing it with chemicals and concentrating it with heavy metals and radioactive compounds contained within the earth where it is being injected. Water moves in a system and this contaminated and poisonous water will eventually make it into river beds, lakes and even our fresh drinking water, endangering the lives of BCs residents. As residents of BC, we deserve respect from the government and expect that the right thing will be done for us to have the healthiest, happiest and greatest quality of life possible.

Thank you for your attention to the matter of halting fracking in BC, Sincerely, s.22

s.22

This letter was created with the use of an online letter writing tool which you can find at wildernesscommittee.org

Nicoll, Sara ENV:EX

From: Minister, ENV ENV:EX
Sent: Thursday, March 8, 2012 8:47 AM
To: Correspondence Unit ENV:EX
Subject: FW: Its time to ban fracking in BC

Follow Up Flag: Follow up
Flag Status: Completed

Categories: Diana

-----Original Message-----

From: webmaster@wildernesscommittee.org [<mailto:webmaster@wildernesscommittee.org>] On Behalf Of s.22
Sent: Wednesday, March 7, 2012 4:24 PM
To: Minister, ENV ENV:EX
Subject: Its time to ban fracking in BC

To whom it may concern,

As a parent and a concerned citizen of BC, I want to register my opposition to fracking for environmental and health reasons. It seems inhumane to risk poisoning our citizens with a sour gas leak (which has already occurred in our province) or doing anything that has been scientifically linked to increasing earthquake potential.

s.22

This letter was created with the use of an online letter writing tool which you can find at wildernesscommittee.org

Nicoll, Sara ENV:EX

From: Minister, ENV ENV:EX
Sent: Thursday, March 8, 2012 8:47 AM
To: Correspondence Unit ENV:EX
Subject: FW: Its time to ban fracking in BC

Follow Up Flag: Follow up
Flag Status: Completed

Categories: Diana

-----Original Message-----

From: webmaster@wildernesscommittee.org [mailto:webmaster@wildernesscommittee.org] On Behalf Of s.22
Sent: Wednesday, March 7, 2012 3:06 PM
To: Minister, ENV ENV:EX
Subject: Its time to ban fracking in BC

Earthquakes: Studies in the UK and the US have connected fracking to increased seismic activity. A recent report from the United States Geological Survey linked close to 50 earthquakes in Oklahoma to fracking activity. In British Columbia, over 30 earthquakes have been reported in the Horn Lake Basin, an area of concentrated fracking activity. **Sour Gas:** Exposure to deadly sour gas emissions is a daily worry for people living next to natural extraction. Sour gas contains hydrogen sulfide (H₂S), which is actually very toxic. In small doses it can cause headaches, lung damage, nausea, and lead to miscarriages. Exposure in high doses can lead to death in humans and livestock. Sour gas exposure is one of the biggest concerns of people living in northeastern BC.

Accidents: In November 2009, there was a leak in a wellhead near the town of Pouce Coupe, in BC's Peace Region, that spewed 30,000 cubic metres of gas into the air. Hydrogen sulphide levels in the escaping gas were six times above lethal levels. The estimated eight-hour gas leak forced the evacuation of 18 residents, killed a horse and resulted in at least one emergency hospitalization. In addition over 30 workers have been killed in BC and Alberta over the past three decades from sour gas exposure. **Water Contamination:** The fracking process injects an immense amount of fresh water, laced with chemicals and sand, to crack open shale rock beds. The leftover waste water is full of heavy metals and hazardous chemicals like benzene, and has been found to be radioactive. If this substance enters the freshwater system it can have disastrous consequences.

It's clear that, at a minimum, BC should match global regulations. It's shocking that while BC and some other provinces in Canada are gearing up for a reckless expansion of the fracking industry, jurisdictions around the world are putting a halt to this dangerous practice. BC needs to step up to the plate and say 'No' to fracking.

This letter was created with the use of an online letter writing tool which you can find at wildernesscommittee.org

Nicoll, Sara ENV:EX

From: Minister, ENV ENV:EX
Sent: Thursday, March 8, 2012 8:47 AM
To: Correspondence Unit ENV:EX
Subject: FW: Its time to ban fracking in BC

Follow Up Flag: Follow up
Flag Status: Completed

Categories: Diana

-----Original Message-----

From: webmaster@wildernesscommittee.org [mailto:webmaster@wildernesscommittee.org] On Behalf Of s.22
Sent: Wednesday, March 7, 2012 2:59 PM
To: Minister, ENV ENV:EX
Subject: Its time to ban fracking in BC

I'm writing to protest the use of fracking, particularly in the gas and oil industries.

The risks to the environment and to human health are well-documented, and should be immediately eliminated.

Earthquakes and soil instabilities result from fracking; water tables are damaged and/or altered.

Accidents happen which are deadly to workers, residents, animals, insects -- the whole ecosystem.

The BC Government has erroneously sold out the Environmental Impact Assessment process in the name of generating revenue. This is short-sighted, irresponsible, and morally wrong.

I urge you to wait for the results of the limited review underway, and in the meantime look to safer sources of energy. Clean energy from hydro, wind, and solar. These are the industries and job creation engines of the future!

Thank you.

This letter was created with the use of an online letter writing tool which you can find at wildernesscommittee.org

Nicoll, Sara ENV:EX

From: Minister, ENV ENV:EX
Sent: Thursday, March 8, 2012 8:46 AM
To: Correspondence Unit ENV:EX
Subject: FW: Its time to ban fracking in BC

Follow Up Flag: Follow up
Flag Status: Completed

Categories: Diana

-----Original Message-----

From: webmaster@wildernesscommittee.org [<mailto:webmaster@wildernesscommittee.org>] On Behalf Of s.22
Sent: Wednesday, March 7, 2012 2:22 PM
To: Minister, ENV ENV:EX
Subject: Its time to ban fracking in BC

Human Health Risk Assessment into Oil & Gas Development in Northeastern BC

As a BC citizen, I'm writing to register my concerns and opposition to the practice of hydraulic fracturing. There is ample scientific evidence to indicate the hazards of fracking, and British Columbia should follow the lead of Quebec and other regions which have already put moratoriums in place.

My philosophy is straightforward: it is unethical for any governing body to sanction the poisoning of its people eg. through the contamination of fresh water and ground water sources by waste water byproducts of the fracking process.

In a world where people are struggling to get freshwater, it seems absolutely obscene to allow ours to be wasted for such destructive purposes.

This doesn't even consider the additional adverse impacts in health associated with seismic activity resulting from the fracking process, or the impacts of hydrogen sulfide released from any sour gas leak.

Personally, I would like to see fracking banned entirely from BC.

s.22

This letter was created with the use of an online letter writing tool which you can find at wildernesscommittee.org

Nicoll, Sara ENV:EX

From: Minister, ENV ENV:EX
Sent: Thursday, March 8, 2012 8:46 AM
To: Correspondence Unit ENV:EX
Subject: FW: Its time to ban fracking in BC

Follow Up Flag: Follow up
Flag Status: Completed

Categories: Diana

-----Original Message-----

From: webmaster@wildernesscommittee.org [mailto:webmaster@wildernesscommittee.org] On Behalf Of s.22
Sent: Wednesday, March 7, 2012 1:53 PM
To: Minister, ENV ENV:EX
Subject: Its time to ban fracking in BC

I'm astonished to hear that BC of all the provinces continues in this practice. Around the world our reputation as being a green leader has been discredited but I still thought BC would have more respect for the precious natural resources the province has. There is concern enough about the seismic activity along the west coast without adding to the impending catastrophe of the inevitable earthquake that will change the shape of North America. Any practice that could damage or most precious resource, water, needs to be seriously reconsidered. Water is already priced higher than gasoline and we hold such amazing reserves. Protecting fresh water should be one of our highest ecological concerns.

It is clear that, at a minimum, BC should match global regulations. If other countries are stopping this practice we should be doing the same. We are not a third world nation and we're not so desperate for resources that we can't spend the time and money to extract them in a safe and clean manner.

This letter was created with the use of an online letter writing tool which you can find at wildernesscommittee.org

Nicoll, Sara ENV:EX

From: Minister, ENV ENV:EX
Sent: Thursday, March 8, 2012 8:46 AM
To: Correspondence Unit ENV:EX
Subject: FW: Its time to ban fracking in BC

Follow Up Flag: Follow up
Flag Status: Completed

Categories: Diana

-----Original Message-----

From: webmaster@wildernesscommittee.org [mailto:webmaster@wildernesscommittee.org] On Behalf Of s.22
Sent: Wednesday, March 7, 2012 12:29 PM
To: Minister, ENV ENV:EX
Subject: Its time to ban fracking in BC

IT is shocking that while BC is considering reckless expansion of this industry, regions around the world are putting a halt to this dangerous practice.

Studies in the UK and the US have connected fracking to increased seismic activity. A recent report from the United States Geological Survey linked close to 50 earthquakes in Oklahoma to fracking activity. In BC, over 30 earthquakes have been reported in the Horn Lake Basin, an area of concentrated fracking activity.

Furthermore, exposure to deadly sour gas emissions is a daily worry for people living next to natural extraction. Sour gas contains hydrogen sulfide (H₂S), which is actually very toxic. In small doses it can cause headaches, lung damage, nausea, and lead to miscarriages. Exposure in high doses can lead to death in humans and livestock. Sour gas exposure is one of the biggest concerns of people living in northeastern BC.

The fracking process injects an immense amount of fresh water, laced with chemicals and sand, to crack open shale rock beds. The leftover waste water is full of heavy metals and hazardous chemicals like benzene, and has been found to be radioactive. If this substance enters the freshwater system it can have disastrous consequences.

In addition to the risks associated with business as usual, accidents within the fracking industry are not an "if", but a "when". In November 2009, there was a leak in a wellhead near the town of Pouce Coupe, in BC's Peace Region, that spewed 30,000 cubic metres of gas into the air. Hydrogen sulphide levels in the escaping gas were six times above lethal levels. The estimated eight-hour gas leak forced the evacuation of 18 residents, killed a horse and resulted in at least one emergency hospitalization. In addition over 30 workers have been killed in BC and Alberta over the past three decades from sour gas exposure.

Please, please, please realize that this technology creates more risks than benefits for the majority of the public and the environment and ensure that BC says 'No' to fracking now!!

This letter was created with the use of an online letter writing tool which you can find at wildernesscommittee.org

Nicoll, Sara ENV:EX

From: Minister, ENV ENV:EX
Sent: Thursday, March 8, 2012 8:46 AM
To: Correspondence Unit ENV:EX
Subject: FW: Its time to ban fracking in BC

Follow Up Flag: Follow up
Flag Status: Completed

Categories: Diana

-----Original Message-----

From: webmaster@wildernesscommittee.org [mailto:webmaster@wildernesscommittee.org] On Behalf Of s.22
Sent: Wednesday, March 7, 2012 11:47 AM
To: Minister, ENV ENV:EX
Subject: Its time to ban fracking in BC

Dear HHRA members,

Fracking is an awful, awful way to harvest fuel. The possibility of increased seismic activity, exposure to deadly sour gas emissions, leaks, and water contamination are enough to convince any reasonable individual that this is NOT a smart way to power us into the future. There is plenty of quantitative evidence to support a ban on fracking in BC for the safety of its residents:

in British Columbia, over 30 earthquakes have been reported in the Horn Lake Basin, an area of concentrated fracking activity; sour gas exposure is one of the biggest concerns of people living in northeastern BC, and over 30 workers have been killed in BC and Alberta over the past three decades from sour gas exposure; leftover waste water from fracking is full of heavy metals and hazardous chemicals like benzene, and has been found to be radioactive. While I would advocate a full ban on fracking in BC, at the very least we need to better assess its consequences and follow global regulations to protect and preserve BC's citizens and natural spaces. In its current incarnation, the plan to frak in Northern BC is unacceptable. Quit trying to please big business and think about the rest of us for once. Even if we didn't vote for you, you're still expected to act in our interest.

Stop fracking. I mean it.

s.22

This letter was created with the use of an online letter writing tool which you can find at wildernesscommittee.org

Nicoll, Sara ENV:EX

From: Minister, ENV ENV:EX
Sent: Thursday, March 8, 2012 8:46 AM
To: Correspondence Unit ENV:EX
Subject: FW: Its time to ban fracking in BC

Follow Up Flag: Follow up
Flag Status: Completed

Categories: Diana

-----Original Message-----

From: webmaster@wildernesscommittee.org [mailto:webmaster@wildernesscommittee.org] On Behalf Of s.22
Sent: Wednesday, March 7, 2012 11:53 AM
To: Minister, ENV ENV:EX
Subject: Its time to ban fracking in BC

To Whom It May Concern,

Studies in the UK and the US have connected fracking to increased seismic activity. A recent report from the United States Geological Survey linked close to 50 earthquakes in Oklahoma to fracking activity. In British Columbia, over 30 earthquakes have been reported in the Horn Lake Basin, an area of concentrated fracking activity.

Exposure to deadly sour gas emissions is a daily worry for people living next to natural extraction. Sour gas contains hydrogen sulfide (H₂S), which is actually very toxic. In small doses it can cause headaches, lung damage, nausea, and lead to miscarriages. Exposure in high doses can lead to death in humans and livestock. Sour gas exposure is one of the biggest concerns of people living in northeastern BC.

In November 2009, there was a leak in a wellhead near the town of Pouce Coupe, in BC's Peace Region, that spewed 30,000 cubic metres of gas into the air. Hydrogen sulphide levels in the escaping gas were six times above lethal levels. The estimated eight-hour gas leak forced the evacuation of 18 residents, killed a horse and resulted in at least one emergency hospitalization. In addition over 30 workers have been killed in BC and Alberta over the past three decades from sour gas exposure.

The fracking process injects an immense amount of fresh water, laced with chemicals and sand, to crack open shale rock beds. The leftover waste water is full of heavy metals and hazardous chemicals like benzene, and has been found to be radioactive. If this substance enters the freshwater system it can have disastrous consequences.

It's clear that, at a minimum, BC should match global regulations. It's shocking that while BC and some other provinces in Canada are gearing up for a reckless expansion of the fracking industry, jurisdictions around the world are putting a halt to this dangerous practice. BC needs to step up to the plate and say 'No' to fracking.

Sincerely, s.22

This letter was created with the use of an online letter writing tool which you can find at wildernesscommittee.org

Nicoll, Sara ENV:EX

From: Minister, ENV ENV:EX
Sent: Thursday, March 8, 2012 8:46 AM
To: Correspondence Unit ENV:EX
Subject: FW: Its time to ban fracking in BC

Follow Up Flag: Follow up
Flag Status: Completed

Categories: Diana

-----Original Message-----

From: webmaster@wildernesscommittee.org [<mailto:webmaster@wildernesscommittee.org>] On Behalf Of s.22
Sent: Wednesday, March 7, 2012 12:00 PM
To: Minister, ENV ENV:EX
Subject: Its time to ban fracking in BC

To the Human Health Risk Assessment into Oil & Gas Development in Northeastern BC:

I am writing you to express my firm opposition to the practice of shale gas extraction, known colloquially as fracking. Before getting into the scientific problems with this method in more detail, I would like to stress that any government supporting a practice of resource extraction this unsafe would not ever enjoy my support. I am appalled that BC seems to be rushing to lower our standards while other jurisdictions are moving to limit this hazardous practice. Fracking is a huge safety risk for British Columbians, and expanding shale gas extraction would send the message that the government prioritizes short-range profits over the quality of life and the safety of its residents.

I would like to draw your attention to several safety risks of considerable magnitude associated with fracking:

Firstly, the scientific community has established a link between fracking and seismic activity. A recent report from the Oklahoma Geological Survey has some chilling findings. (http://www.ogs.ou.edu/pubsscanned/openfile/OF1_2011.pdf) This report clearly indicates that the frequency of these quakes is linked to fracking, as the quality of the seismic activity has also changed since the extraction process began. The reports that over 30 earthquakes have been reported in Horn Lake Basin, close to fracking operations, are deeply troubling.

Another point of consideration is fresh water, one of our province's most precious resources. The water pumped into the shale to extract the gas for one-time profit remains behind, poisoning the land indefinitely. It is disingenous to even refer to it as "water" in this case, as it has been laced with sand and chemicals such as benzene (familiar to the average person as one of the carcinogenic elements of tobacco smoke). This toxic waste remains behind. Should it find our way into our fresh water supply, we would have a severe disaster on our hands.

In addition to poisoning our water, fracking jeopardizes our air. Hydrogen sulphide, a highly toxic chemical, is known to be associated with fracking. People living near fracking sites report illness as a result of exposure to this sour gas. I stand by my fellow British Columbians living near potential fracking sites, and support their

right not to live near potentially fatal toxic emissions. While the gas industry will no doubt attempt to convince you that standard operating procedures ensure "safety," accidents can and do happen. Presumably, you are aware of the November 2009 leak in a wellhead near Pouce Coupe. Residents had to be evacuated from their homes because the level of hydrogen sulphide was exponentially higher than the lethal level. Poison six times stronger than the base level that would be required to kill people and livestock was being vented into the air. For the safety of residents, employees in the energy sector, and British Columbians as a whole, this practice needs to be stopped.

Please consider what I have written. I sincerely hope that BC will alter its course on fracking. Rather than lowering the bar, we should be raising our standards. We should not ignore existing global regulations; rather, we should be setting the bar for the rest of the international community. Decisions on resource extraction should not just center around short-term profit gains, but the real cost of the inevitable accidents, leakage, and seismic activity that comes along with fracking.

Thank you.

s.22

This letter was created with the use of an online letter writing tool which you can find at wildernesscommittee.org

Nicoll, Sara ENV:EX

From: Minister, ENV ENV:EX
Sent: Thursday, March 15, 2012 10:04 AM
To: Correspondence Unit ENV:EX
Subject: FW: Its time to ban fracking in BC

Follow Up Flag: Follow up
Flag Status: Flagged

Categories: Diana

-----Original Message-----

From: webmaster@wildernesscommittee.org [mailto:webmaster@wildernesscommittee.org] On Behalf Of s.22
Sent: Wednesday, March 14, 2012 5:46 PM
To: Minister, ENV ENV:EX
Subject: Its time to ban fracking in BC

s.22

s.22

I'm writing in

concern about fracking. My good friend in Alberta was arrested for protesting against fracking in her home community.

Her own tribal police arrested her and held her in the tribal jail for a day and pressed charges. She's currently in court. Corporations have bent and turned bands against its own members for a quick dollar. These were obviously non-community driven. s.22

s.22

Earthquakes: Studies in the UK and the US have connected fracking to increased seismic activity. A recent report from the United States Geological Survey linked close to 50 earthquakes in Oklahoma to fracking activity. In British Columbia, over 30 earthquakes have been reported in the Horn Lake Basin, an area of concentrated fracking activity.

Sour Gas: Exposure to deadly sour gas emissions is a daily worry for people living next to natural extraction. Sour gas contains hydrogen sulfide (H₂S), which is actually very toxic. In small doses it can cause headaches, lung damage, nausea, and lead to miscarriages. Exposure in high doses can lead to death in humans and livestock. Sour gas exposure is one of the biggest concerns of people living in northeastern BC.

Accidents: In November 2009, there was a leak in a wellhead near the town of Pouce Coupe, in BC's Peace Region, that spewed 30,000 cubic metres of gas into the air. Hydrogen sulphide levels in the escaping gas were six times above lethal levels. The estimated eight-hour gas leak forced the evacuation of 18 residents, killed a horse and resulted in at least one emergency hospitalization. In addition over 30 workers have been killed in BC and Alberta over the past three decades from sour gas exposure.

Water Contamination: The fracking process injects an immense amount of fresh water, laced with chemicals and sand, to crack open shale rock beds. The leftover waste water is full of heavy metals and hazardous chemicals like benzene, and has been found to be radioactive. If this substance enters the freshwater system it can have disastrous consequences.

It's clear that, at a minimum, BC should match global regulations. It's shocking that while BC and some other provinces in Canada are gearing up for a reckless expansion of the fracking industry, jurisdictions around the world are putting a halt to this dangerous practice. BC needs to step up to the plate and say 'No' to fracking.

In Kind,

This letter was created with the use of an online letter writing tool which you can find at wildernesscommittee.org

Nicoll, Sara ENV:EX

From: webmaster@wildernesscommittee.org on behalf of s.22
Sent: Sunday, March 11, 2012 3:44 PM
To: Minister, ENV ENV:EX
Subject: Its time to ban fracking in BC

Follow Up Flag: Follow up
Flag Status: Completed

Categories: info/file

To: Human Health Risk Assessment into Oil & Gas Development in
Northeastern BC;
Premier, Ministers and advisors;
Opposition members and other elected members

Please do not allow the environmentally dangerous practice of tracking to take place in
British Columbia
under any circumstances. s.22

s.22
I am aware of the dangers to the environment and in the long run also to the
economy of tracking. Consider
some of the following points, please.

Some points to consider:

Earthquakes: Studies in the UK and the US have connected fracking to increased seismic activity. A recent report from the United States Geological Survey linked close to 50 earthquakes in Oklahoma to fracking activity. In British Columbia, over 30 earthquakes have been reported in the Horn Lake Basin, an area of concentrated fracking activity.

Sour Gas: Exposure to deadly sour gas emissions is a daily worry for people living next to natural extraction. Sour gas contains hydrogen sulfide (H₂S), which is actually very toxic. In small doses it can cause headaches, lung damage, nausea, and lead to miscarriages.

Exposure in high doses can lead to death in humans and livestock. Sour gas exposure is one of the biggest concerns of people living in northeastern BC.

Accidents: In November 2009, there was a leak in a wellhead near the town of Pouce Coupe, in BC's Peace Region, that spewed 30,000 cubic metres of gas into the air. Hydrogen sulphide levels in the escaping gas were six times above lethal levels. The estimated eight-hour gas leak forced the evacuation of 18 residents, killed a horse and resulted in at least one emergency hospitalization. In addition over 30 workers have been killed in BC and Alberta over the past three decades from sour gas exposure.

Water Contamination: The fracking process injects an immense amount of fresh water, laced with chemicals and sand, to crack open shale rock beds. The leftover waste water is full of heavy metals and hazardous chemicals like benzene, and has been found to be radioactive. If this substance enters the freshwater system it can have disastrous consequences.

It's clear that, at a minimum, BC should match global regulations. It's shocking that while BC and some other provinces in Canada are gearing up for a reckless expansion of the fracking industry, jurisdictions around the world are putting a halt to this dangerous practice. BC needs to step up to the plate and say 'No' to fracking.

thank you for your consideration

s.22

This letter was created with the use of an online letter writing tool which you can find at wildernesscommittee.org

Nicoll, Sara ENV:EX

From: Minister, ENV ENV:EX
Sent: Friday, June 8, 2012 3:24 PM
To: Correspondence Unit ENV:EX
Subject: FW: concerns about fracking

Follow Up Flag: Follow up
Flag Status: Completed

Categories: Brian

-----Original Message-----

From: s.22
Sent: Thursday, May 24, 2012 10:44 AM
To: Minister, ENV ENV:EX
Subject: concerns about fracking

Dear Mr. Lake,

I recently had the great pleasure of hearing a talk by Dr. Wade Davis, award-winning author, noted anthropologist and 'ethnobotanist', and National Geographic explorer-in-residence. Dr. Davis spoke to an auditorium packed to capacity about his experiences dealing with indigenous peoples the world over, and shared his very evident reverence, as a scientist and a humanist, for these peoples and their connection to the land.

Dr. Davis' talk peripherally made mention of Shell Oil's activities in the Sacred Headwaters area of BC. I was surprised to learn that the BC government would allow a process as unsustainable and potentially disruptive as fracking in such a vital watershed area.

As you no doubt are aware, the growing debate surrounding fracking has become popularized in North America by documentary films (such as Josh Fox's "Gaslands", 2010), as well as by popular protest against fracking in New York state and, recently, landmark legislation against fracking in the state of Vermont. While I am sure you are very aware of this controversy and its growing prominence in the public eye, I might refer to a recent, excellent summary by Bill McKibben in the New York Review of books, "Why Not Frack?": <http://www.nybooks.com/articles/archives/2012/mar/08/why-not-frack/?pagination=false>

I wonder if you expect that Shell's activities will not attract similar controversy, or that Shell will be able to ride out such critical attention, the way it did in the 1980's, when its de facto support of South Africa's Apartheid government drew attention to its other unsavory activities, including the wholesale despoiling of wildlife habitats in the state of Colorado entailed in the manufacture of hazardous industrial pesticides, and the subsequent exporting of said toxic and dangerous chemicals to third world markets.

As a lifelong BC resident and an educator, I am concerned about the inaction Shell has shown towards resolving the conflict in the Sacred Headwaters. In fielding questions from students in the days following Dr. Davis' discussion, it was difficult not to segue into a discussion of Shell's misconduct as a corporate citizen. When my students ask me to explain Shell's motives for its irresponsible behavior, I am at a loss.

For instance, last year, Lorraine Mitchelmore (Shell Canada) said Shell was interested in a solution for the region. Earlier this year, Marvin Odum (Shell BC) acknowledged that it is clear Shell is not wanted in the Sacred Headwaters. Yesterday, Shell CEO Peter Voser said the company had no plans to leave. Only a few months remain until the moratorium ends and Shell has taken no steps to withdraw its operations. It is challenging not to interpret these conflicting statements and actions with cynicism, circumspection and doubt.

Mr. Lake, as I'm sure you already know, fracking is (contrary to the public relations campaigns that Shell and others have spent million on), a method of resource extraction whose repercussions have not been responsibly accounted for by the energy companies that have invested in these operations. The growing attention to the hazards of fracking has no doubt compelled Shell to tread lightly in pursuing its goals in the region. Shell's past behavior in the arenas of responsible care for the environment, fair treatment of indigenous peoples in the regions where it extracts (and here I would cite their past conduct in Nigeria), and its cavalier regard for the long-term economic sustainability of its practices, should not inspire your confidence.

Simply put: the Sacred Headwaters is no place to drill for gas, nor to inject the undisclosed mixture of chemicals used in fracking (with their potential consequences of polluted groundwater and increased seismic vulnerability.) This area is nothing less than the shared source of three of North America's wildest and most important salmon-bearing rivers - the Skeena, Nass, and Stikine in northwest British Columbia. This vast wilderness is important summer range for the endangered Osborn caribou, and provides critical habitat for grizzlies, moose, and wolves. North America's largest population of stone sheep use this area for breeding.

The notion that the BC government would have afforded Shell the rights to conduct such an operation in such an environmentally and politically sensitive area is unfortunate for both BC residents and Shell itself, but the BC government can act responsibly by imposing a moratorium on fracking in the area.

Here are a few more talking points for your consideration: the Sacred Headwaters have been named the Most Endangered Rivers in British Columbia for the past three years. Shell's proposed coalbed methane development was named as the biggest threat. Every downstream community and First Nation has passed resolutions, saying "No" to Shell's plans in this region. Over 60,000 people from around the world have signed postcards supporting these communities, urging Shell to leave.

Our government has the power to do something historic and shape the future of the Sacred Headwaters. Impose a moratorium on drilling for gas in the Sacred Headwaters. The practice is irresponsible, the location is inappropriate, and the timing (politically speaking) is, I think you will agree, potentially disastrous.

Mr. Lake, I'm sure you must be very conscious of the degree to which the environment has moved in recent years from a politically marginal topic to a mainstream issue, inseparable from the ongoing search for sustainable energy futures that must needs dictate the future of Shell Oil. Perhaps you are less aware of the degree to which political unrest related to the economic crises in the European Union and the United States has undertaken a critique of government compliance in the misconduct of our corporate citizens. When corporations like Shell Oil demonstrate their willingness to engage in unsustainable, short-term ventures which exploit land, indigenous peoples, and shared commons such as wildlife and drinking water, they depend upon people ignoring such connections. I am writing to inform you that, from my perspective, these connections are being acknowledged: in classrooms, in newspaper editorials, via social media, and around Canada's dinner tables. The world is watching you.

Very sincerely,

Nicoll, Sara ENV:EX

From: Minister, ENV ENV:EX
Sent: Tuesday, September 18, 2012 3:59 PM
To: Correspondence Unit ENV:EX
Subject: FW: 68711 s.22 - Hydraulic Fracking

Follow Up Flag: Follow up
Flag Status: Flagged

Categories: Deb

From: Minister, EMH EMH:EX
Sent: Tuesday, September 11, 2012 2:34 PM
To: s.22
Cc: Minister, ENV ENV:EX
Subject: 68711 - s.22 - Hydraulic Fracking

s.22

Email: s.22

pc: ENV.Minister@gov.bc.ca

Dear s.22

The Honourable Dr. Terry Lake, Minister of Environment, has asked me to respond to your May 24, 2012 email regarding the Klappan region and hydraulic fracturing. I apologize for the delay in responding.

The provincial government shares your interest in the Klappan region and is committed to the protection of its natural environment and watersheds. The Province has a comprehensive network of laws, regulations and standards to allow resource development to occur in an environmentally responsible manner. We will continue to assess the current period of inactivity placed on coalbed gas development in the area. This will include ongoing discussions with the Tahltan and Iskut First Nations.

Hydraulic fracturing has been used in natural gas development for over 50 years and has now become an industry standard practice for developing natural gas deposits. The fracturing process is regulated under the *Oil and Gas Activities Act* (Act). Our province's regulations ensure potable groundwater is protected. Concerns about the possibility of fracturing fluids contaminating fresh groundwater are taken very seriously by the provincial government. The Act ensures there are safeguards with respect to well site location, construction, well bore integrity, fluid handling and disposal. As a result, British Columbia has not experienced any instances of domestic water contamination related to hydraulic fracturing.

On January 1, 2012, it became mandatory for natural gas producers in British Columbia to report all fracturing fluid use in an online registry, available at www.FracFocus.ca. This disclosure will serve to continually improve operational transparency and industry practices in British Columbia. General information about the hydraulic fracturing process is also available on this website.

For further information on the Act and its associated regulations, please visit www.bclaws.ca. Additional information on the enforcement of the Act, hydraulic fracturing, and the online disclosure registry can be found on the BC Oil and Gas Commission's website at www.bcogc.ca.

Regarding wildlife, the Environmental Protection and Management Regulation under the Act provides objectives for wildlife and wildlife habitat. The Province and industry have undertaken studies with respect to caribou, moose and stone sheep, to look at practical ways of addressing environmental issues and, where appropriate, incorporate these into practices and regulations.

The provincial government has a responsibility to see that all energy and mineral development in British Columbia is economically, socially and environmentally responsible. The Province's robust regulatory regime is designed to protect the environment, minimize impacts during development and guarantee site restoration once operations cease.

Thank you for writing.

Sincerely yours,

Rich Coleman
Minister of Energy, Mines and Natural Gas

Nicoll, Sara ENV:EX

From: Minister, ENV ENV:EX
Sent: Tuesday, September 18, 2012 10:19 AM
To: Correspondence Unit ENV:EX
Subject: FW: environmental protection

Follow Up Flag: Follow up
Flag Status: Completed

Categories: Greg

From: s.22
Sent: Wednesday, August 29, 2012 8:29 PM
To: Minister, ENV ENV:EX
Subject: RE: environmental protection

Not Good enough.

No pipeline. Leave the tar sands in the ground until we can recover it cleanly and limit CO2 emissions to a sustainable amount. Clean up the gaping environmental sore in Alberta. Stop fracking, before we trigger an immense earthquake and the lower mainland is wiped off the map by a tsunami. In other words, think about what you're doing and the possible long-term implications.

Who will bear the brunt of climate change? Our children and grandchildren. Do you want to leave a legacy of unpredictable and violent weather, floods, droughts, storms. A climate so unstable that we can't grow enough food? An economy reeling with the yearly cost of repairing infrastructure damaged by the violent storms? Not enough clean water to drink.

From: Minister, ENV ENV:EX [mailto:ENV.Minister@gov.bc.ca]
Sent: Wednesday, August 29, 2012 3:29 PM
To: s.22
Subject: RE: environmental protection

Reference: 173120

August 29, 2012

s.22

Dear s.22

Thank you for your email of July 11, 2012, regarding proposed pipelines and hydraulic fracturing, also known as fracking. I apologize for the delay in responding.

Government recently released a technical analysis of heavy oil pipeline proposals in British Columbia, which you can review at http://www.env.gov.bc.ca/main/docs/2012/TechnicalAnalysis-HeavyOilPipeline_120723.pdf. That analysis informed five principles that must be addressed if we are to consider support for such pipeline developments in our province:

1. Successful completion of the formal environmental review process with approval by the Joint Review Panel.
2. World-leading marine oil spill response, prevention and recovery systems for British Columbia.
3. World-leading practices for land-based spill prevention, response and recovery systems for British Columbia.
4. Legal requirements regarding Aboriginal and treaty rights must be addressed and First Nations be provided with the opportunities to benefit from these projects.
5. British Columbia receives a fair share of the fiscal and economic benefits of proposed heavy oil projects that reflect the risk borne by the province.

The Province believes that the National Energy Board (NEB) environmental review process offers a meaningful opportunity for British Columbians to voice their opinions about pipeline proposals under federal jurisdiction. We encourage active public participation in the NEB process.

Should you desire further detailed information on the federal environmental assessment for proposed pipelines, please contact the NEB directly at 1-800-899-1265 or at info@neb-one.gc.ca. I also encourage you to visit the Enbridge Northern Gateway Project Joint Review Panel website (<http://gatewaypanel.review-examen.gc.ca/clf-nsi/hm-eng.html>).

In response to growing demands for water use, the Ministry of Environment (MoE) will continue to undertake and participate in initiatives to protect the province's water resources. MoE is leading the development of a new *Water Sustainability Act* (WSA), which will build on and replace the *Water Act*. Proposed provisions for the WSA include expanded protection of stream health and aquatic environments, new planning tools, provincial water objectives and the licensing of groundwater. These new measures will also apply to the oil and gas industry.

Additional information on the development of the WSA can be found at www.livingwatersmart.ca/water-act. MoE continues to partner with agencies such as the Ministry of Energy and Mines, the Oil and Gas Commission (OGC) and Geoscience BC to help characterize freshwater aquifers in the Montney shale gas area, which includes the communities of Fort St. John and Dawson Creek. New groundwater observation wells will be established in the Horn River shale gas area, which will help characterize aquifers in this area.

The new *Oil and Gas Activities Act* (OGAA) includes the authority to designate areas such as aquifers, watersheds and wildlife habitats for protective measures. OGAA also provides a suite of additional tools for protecting water and fish habitat.

In response to concerns over hydraulic fracturing, as a precaution government continues to review the potential for adverse impacts. Government, through the Ministry of Health is conducting a Human Health Risk Assessment of Oil and Gas Development in North Eastern BC. The project involves three phases: stakeholder consultation, human health risk assessment based on scientific review, and finally reporting to public and stakeholders. MoE will be participating in this study and will continue to review the results closely. Phase one is complete and a report is available at www.health.gov.bc.ca/library/publications/year/2012/Identifying-health-concerns-HHRA-Phase1-Report.pdf.

The OGC, the agency responsible for overseeing oil and gas operations in BC requires all oil and gas developers to report quarterly on the amount of water they use. The OGC also launched the FracFocus.ca website earlier this year to provide more transparent accounting of B. hydraulic fracturing operations. The website includes a database of the substances used to support natural gas extraction, and extensive content about the regulations and safety procedures governing industry activity.

Thank you again for writing and sharing your concern for BC's environment.

Sincerely,

Terry Lake
Minister of Environment

From: s.22
Sent: Wednesday, July 11, 2012 3:20 PM
To: Minister, ENV ENV:EX
Cc: s.22
Subject: environmental protection

Dear Mr. Lake,

I cannot urge you enough to stop the environmental degradation being heaped on Canadians at this point in time. In BC specifically the proposed pipeline expansions and the natural gas fracking. Surely you must be aware that at this critical time in our consideration of our options our Federal Government has blindfolded us so that we can't even make informed decisions. The terrible environmental cost of our haste to extract fossil fuels will be borne by the next and future generations. I read where you have 3 daughters. Please for their sakes and all childrens sakes stop this head-long rush into a terrible crisis. Ask yourself why Steven Harper is dismantling our scientific research and monitoring at precisely the time when it is most crucial.

Yours truly,

s.22

Nicoll, Sara ENV:EX

From: Lake.MLA, Terry [Terry.Lake.MLA@leg.bc.ca]
Sent: Friday, December 7, 2012 2:56 PM
To: Minister, ENV ENV:EX
Subject: FW: Cuadrilla admits drilling caused Blackpool earthquakes - Telegraph

Follow Up Flag: Follow up
Flag Status: Completed

Categories: info/file

Kirsty L Morris | Constituency Assistant

Terry Lake, MLA Kamloops - North Thompson
Minister of Environment

Email: kirsty.morris@leg.bc.ca
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Toll Free #: 1-888-299-0805
Website: www.terrylakemla.bc.ca



THE BC
JOBS PLAN

From: s.22
Sent: December-07-12 2:14 PM
To: Lake.MLA, Terry
Subject: Cuadrilla admits drilling caused Blackpool earthquakes - Telegraph

Hi,

it's only a matter of time before this our fracking operations are linked to polluting aquifers and earthquakes.
Can the BC gov't afford the lawsuits?

I thought you'd like this:

[Read more](#)

Cuadrilla admits drilling caused Blackpool earthquakes - Telegraph
Private company Cuadrilla Resources has admitted that its activities probably caused two "seismic events" that occurred in Blackpool earlier this year.

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