

## Fracking Matters Newsletter (27) – 23 November 2011



Information letter for those to whom fracking matters and (some) updates on the website [www.frackingfreeireland.org](http://www.frackingfreeireland.org), with links to other (Irish) fracking websites

NOTICE: I am away Monday 28 NOV – MONDAY 5 DEC. We, Benjamin and Ineke, are on the Crafts and Design Fair in Dublin. **Meg and Magda will do the newsletter that week. You can still send your contribution to the same address: [ineke@frackingfreeireland.org](mailto:ineke@frackingfreeireland.org)**

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### Upcoming events

#### North West Network against Fracking

Gasland is showing in **Cliffoney**, North Sligo, in O Donnell's pub, at 8pm on

**Thursday 24 November.**

contact Meg Rybicki

[youthmardingo@gmail.com](mailto:youthmardingo@gmail.com);

#### Love Leitrim Manorhamilton Group

Table Quiz **Friday Nov 25th 8pm**

Heraghty's Manorhamilton

Proceeds from event will be used to raise awareness of Hydraulic Fracturing in the North West € 20 per table for fundraising)

#### Ardcarne Community Against Fracking

- Contact: Leah Doherty

[doherty.lea@gmail.com](mailto:doherty.lea@gmail.com)

The Dublin City Council of Trade Unions are having their pre-budget march in **Dublin this sat** - community groups/campaigns etc.. are being encouraged to join in,, myself and a couple of others are going to go and hand out flyers hold our anti-fracking signs etc..be great to see some of you there - this will be a very large gathering.

Also the **Water Summit on Dec 1st** is a must show for anti-frackers imo, there is a bus being organised from carrick (details on Ineke's newsletter) hopefully people will see the importance of this and other buses will be organised etc...

#### Public Advocacy and Citizenship seminar - [leitrim@claimingourfuture.ie](mailto:leitrim@claimingourfuture.ie)

Mayflower, Drumshanbo, **Sat 26<sup>th</sup>** of November. 12pm-3pm. Admission: Free. Leitrim Claiming our Future wishes to inspire you to become more involved in the local and wider community and equip you with skills to start that change.

Contributors:

Siobhan O Donoghue: Director Of Migrant Rights Centre Ireland and Claiming Our Future leader. Marian Harkin MEP. Patricia Conboy: Director: Older and Bolder; Michael Ewing: Irish Environment Network, Co-Ordinator of the Environment Pillar of Social Partnership

#### Carrick-Against Fracking - Contact: John Cronogue [jcronogue@gmail.com](mailto:jcronogue@gmail.com)

National Water Framework in Crokepark in Dublin on Thursday Dec 1st.

A bus will be organised to this meeting from Carrick-on-Shannon

Contact **087 9093909 (this is the correct number)** to book a place. Approx. 13 Euro p.p.

#### All upcoming events on:

<http://frackingfreeireland.org/upcoming-events/>

visit also: <http://what-the-frack.org/events/>

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## PLEASE NOTE

### County Clare contact details:

West and East Clare:

- [clarefrack@gmail.com](mailto:clarefrack@gmail.com)

- Veronica Miriam Quilligan:

[90035950@umail.ucc.ie](mailto:90035950@umail.ucc.ie);

East Clare [alisrob@eircom.net](mailto:alisrob@eircom.net)

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**Hydraulic Fracturing: call for discussion and transparent debate, call for a ban on fracking** – by Terry Athome [terryathome@gmx.ie](mailto:terryathome@gmx.ie)

Please forward the following, if you wish, to your friends, in order to help stimulate discussion and awareness, lest this process get into this country without proper investigation and transparent debate. We won't get a second chance if it does!

### Hydraulic Fracturing? In Ireland?

*For further information on this process, which is due for introduction to Ireland, look at the following YouTube presentations:*

Dr. Anthony Ingraffea, Professor at Cornell University, USA, specialized for over 20 years in Hydraulic Fracturing, explains the process and warns of the serious dangers.....

Stephen Cleghorn, PhD, organic dairy farmer, Pennsylvania, speaks about the threat to his farm, and his research which suggests a realistic danger that 50% of the State of Pennsylvania could be rendered uninhabitable. (Really!)

*And the following letter, recently published in a number of papers, may be of interest.*

"A Chara,  
there is much controversy and disquiet concerning the planned hydraulic fracturing gas extraction (Fracking) in the North West and parts of Kerry, Cork, Limerick and Clare. The promise to carry this out without the use of chemicals (in one part of the region) has been admitted to be untrue, and in any event not binding on successor companies.

Much is being made of the promise of some jobs and investment. I think we need to consider the bigger picture here.

The two largest industries in Ireland, which together employ over 300,000 people, are Agriculture (output over €5 Billion every year) and Tourism (foreign exchange earnings over €4.5 Billion every year). These are existing jobs, not promised ones! These are both very sustainable industries, which can go on indefinitely if we look after them. And these industries are unlikely to be suddenly re-located elsewhere – it is significant that they are largely owned by individuals and families throughout the country. Add in the wider food industry and the jobs total exceeds 500,000.

And now think of Spanish cucumbers. It took just a rumour of contamination to devastate that industry's exports! If anyone thinks the impending fracking in Fermanagh, to be followed in other counties, will go un-noticed by consumers in France (where they've banned fracking after a national debate) and other countries we export to, I think they are in need of a wake-up. Agricultural exports could collapse very shortly after word gets out about what's being planned in our countryside! And the collapse could last a very long time.

And Tourism: we have very beautiful country – we must have, if it draws people prepared to pay nearly a fiver a pint here! I was going to say uniquely beautiful, but that's not so. There are plenty of other places that offer stiff competition. We have been told that our countryside will be industrialized, and that we'd better get used to it! Who will want to pay to come and look at that, never mind tourists' anxieties about health and food safety?

We need a National Debate on this issue before we are led into something that assuredly will have very serious consequences for this country. If we find we have thrown it all away without long and careful examination of the issues, (as you naturally would before investing in any major project – here we are investing our own country, for God's sake), we will be very sorry, not to mention making a laughing stock of ourselves in the world!

To allow this debate, and time for visits to places where fracking has already taken place, we need at a minimum a 5 Year Moratorium on all activity. Then we can decide.

To finish, Republican Party State Senator (New York) Greg Ball, has said "I can tell you right now that the pain I've experienced first-hand speaking with families and farmers in Pennsylvania, it will be over my dead body before I allow what happened in Pennsylvania to happen here in New York" (August 2011). Just think about that."

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(draft) **report/discussion document** about the effects of hydraulic fracturing in Ireland - by 8 unnamed authors, consisting of pro, anti and make-up-your mind persons - edited by Brigit and Ron Beemster is available on request. Contact: [brigitbeemster@hotmail.com](mailto:brigitbeemster@hotmail.com);

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### **Reply from Meg to Pdraig Keene's article on Fracking**

'.... an article in the Farmers Journal of last week, page 19, it hasn't been published, so I am going to re write it and submit it to other papers, so sick of Moormans "no chemicals lie" that has been bandied around like a holy grail to prove fracking is safe, he is disgusting...'

From: Meg Rybicki  
<[youthmardingo@gmail.com](mailto:youthmardingo@gmail.com)>  
Date: Wed, 23 Nov 2011 00:18:59 +0000  
Subject: Pdraig Keene's article on Fracking  
To: mdempsey  
<[mdempsey@farmersjournal.ie](mailto:mdempsey@farmersjournal.ie)>

A chara,

In Pdraic Keene's article of 19th November, "Fracking becomes a Live Issue in the NW", he states, "That although Tamboran (one of the options Licensees for the region) has stated unequivocally that the frack fluid used will contain no chemical additives, critics say that there are naturally occurring chemicals, such as radon, in the ground, which if released could pollute water supplies."

What Pdraic Keene did not report, as it did not receive as wide coverage as "no

chemicalgate", was the fact that Richard Moorman of Tamboran stated to a Leitrim based organic farmer, (who had asked Moorman whether another petro gas company buying the license options off Tamboran would be subject to non-chemical fracking conditions), "Today if some other company came in, there is nothing in the legislation anywhere that binds anybody to zero chemicals in Ireland".

He went on to promise that, (referring to submissions due to the Commission for Energy Regulations on 27/9/11) "it is my understanding that there are submissions required to the CER by the 27th. You will see in our up coming submission a request that Ireland regulates zero chemical fracturing". Mr Moorman later told the Anglo Celt online newspaper, "We did not send anything to the CER." He went on to state that the company was now focusing on the next 18 months of Environmental Impact Assessments, and planning permission.

Should we the public have faith in someone who has proved to be adept at dodging questions, or conveniently changing the goalposts? The fact that an EIA has been commissioned by Minister Pat Rabbitte is hardly confidence inspiring either, as the EIA is to be carried out by Aberdeen University, which receives much of its sponsorship, scholarship and general funding from, amongst others, the biggest players in the oil and gas industry, Shell, Halliburton and Schlumberger. Langco, one of the other options licensees, has publically stated that it does not have the expertise to develop the gas, as Tom Davitt of Langco (when it was still named Finavera) stated in 2006, "this expertise can only be found through the likes of Schlumberger or a Halliburton".

Ireland has an amazing capacity to harness sustainable low carbon energy sources including wind turbines, wave energy and solar power, none of which would or could have the potential to devastate tourism, organic farming, and indeed, ordinary agriculture. One toxic spill into a water course could have the most negative long term effects on livestock and our drinking water for years to come. Finally, looking at the cold hard facts, Ireland's revenue from farming in 2010 stood at €8 billion per year, and tourism made a good showing at

€5 billion euros. The projected income for Hydraulic Fracturing over a period of 20 years has been estimated at €15 billion. We have to ask ourselves the question, tourism or fracking, farming or fracking, because it will be impossible to have both.

The North West Network has seen a good public response to it's presentations on Hydraulic Fracturing, one in Ballyshannon in October with over 130 people present, and the last in Cliffooney, North Sligo, on November 14th, with guest speakers, Dr. Aedin McLoughlin, and Councillor Gerry Dolan, where more than 100 people spent an extra half an hour after the presentation signing petitions to call for a ban on fracking in Ireland, and asking many questions of the guest speakers and organisers. We can provide information on Fracking, and are continuing our information evenings, with the next planned for Sligo town in January 2012. telephone 0863840254 for further information.

Meg Rybicki-McAuley  
North West Network  
Mullanyduff  
Castlegal  
Co. Leitrim  
0863840254

#### **Answers on 2 Parliamentary Questions:** from Sean Wynne

- EPA terms of reference  
1958 agreement  
<http://frackingfreeireland.org/wp-content/uploads/2011/07/PQ-EPA-terms-of-reference-and-1958-agreement.pdf>  
(Web FFI: Political issues)

#### **NORTHERN IRELAND**

NI Economic plan – by Michael Cairns  
[nautical\\_9@hotmail.com](mailto:nautical_9@hotmail.com);

I got a hold of the new Stormont Exec 'Economic Strategy' by both big parties (Chaired by Arlene Foster) and had a read through it.

The Document is 90 pages long, it promises alot in terms of helping to create jobs etc but theres also some info with regards to energy and Gas sustainability for the future.

No real big surprises here, just confirmation it seems with regards to Gas. (Shale Gas?)

More that likely.

I had trouble getting a hold of this but got a copy in the end from Cecil Ward council building adelaide St in Belfast today.

<http://frackingfreeireland.org/irish-press/fracking-in-fermanagh/>

Scroll down

#### **Make-you- 3X-cry-news**

#### **- Fermanagh - Minister's husband owns gas search land**

Q101 news 11am report by Kevin McAnena that Arlene Fosters husband owns land where license has been granted. and Irish Times 23 november 2011

It's emerged the husband of Energy Minister Arlene Foster owns land where her department granted a licence to search for gas in County Fermanagh. The process, called fracking, has been the subject of a protest campaign by locals. Locals are worried the relatively new method of gas exploration can cause minor earth quakes, but Arlene Foster has previously told the Assembly that concerns over the controversial fracking process are scare mongering. Her department granted a licence to an Australian company last April to search for gas. They've singled out two key focus areas, and Ms Foster's husband owns 54 acres of land in one of them. The Minister hasn't publicly declared that her family owns land there, but she wasn't involved in the selection process for the licence."



Article in the Irish news, copied, scanned and sent by Nuala  
<http://ubuntuone.com/21AgtZM7y7qX4xZp eh7H47>

(Web FFI: Irish Press)

## - Scotland – Fracking for gas given the green light

'Scottish authorities play down risks associated with fracking'.

The potential risks are being played down by the Scottish Environmental Protection Agency, Sepa, which granted the licence to Greenpark. Malcolm Roberts, a principal policy officer at Sepa, said fracking was likely to become more widespread in Scotland in coming years. "I don't associate the risks with fracking as being any more significant than a lot of other things we do," he said. "They are not high-risk operations provided they are done properly."

(...)

'Dr Clifford Jones, reader in engineering at the University of Aberdeen, says the possibility of drinking water being contaminated shouldn't stop fracking in Scotland'

Dr Clifford Jones, reader in engineering at the University of Aberdeen, said of more concern than tremors was the possibility of drinking water being contaminated. However, he said this should not "preclude such development".

"There are many currently producing shale gas deposits in the US and Australia and it will be to the UK's loss if it does not develop such reserves of this as it has," he said.

[http://www.scotsman.com/scotland-on-sunday/scotland/fracking\\_for\\_gas\\_given\\_the\\_green\\_light\\_1\\_1950654](http://www.scotsman.com/scotland-on-sunday/scotland/fracking_for_gas_given_the_green_light_1_1950654) (3 Nov 2011)

(Web FFI: Irish press/UK)

## - Blackpool and earthquake

**Final report from Cuadrilla** with ao. Lead investigator **dr. de Pater**, who was a **special guest at a briefing for TDs and senators** hosted by Senator Susan O'Keeffe at in Leinster House in Dublin

[http://www.cuadrillaresources.com/cms/wp-content/uploads/2011/11/Final\\_Report\\_Bowland\\_Seismicity\\_02-11-11.pdf](http://www.cuadrillaresources.com/cms/wp-content/uploads/2011/11/Final_Report_Bowland_Seismicity_02-11-11.pdf)

(Web FFI: Irish press/UK)

**(NOTE THIS LINK DOES NOT WORK, PLEASE COPY AND PASTE)**

## Dr. de Pater (Dutch) is pro fracking

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## E-mail correspondence between Majella and Richard Moorman, Tamboran

Wed, Nov 16, 2011 at 8:56 AM, Majella Mccarron  
majella.mccarron@gmail.com> wrote:

Dear Mr Moorman

I was looking on your website <http://www.tamboran.com/> for details of your operations in the UK, specifically Northern Ireland. I note that you have combined Ireland and the UK under the menu heading 'Ireland & UK'. As you know these are separate jurisdictions and to combine your descriptions of operations in such a way is puzzling. Worse still, it is very confusing.

For example, I am trying to make sense of the page under sub-heading 'Project Status' (<http://www.tamboran.com/ireland-uk/project-status/>) and I am having difficulty understanding which jurisdiction you are referring to throughout. Would you be so kind as to separate out Ireland and the UK in order to add some clarity to your documents?

Unfortunately, the jurisdiction issue is not the only problem I encountered. I note also there are several sections without any information at all - merely titles. These blank pages can be found under top level section 'Frequently Asked Questions ' at:

- Drilling Operations
- Completions
- Hydraulic Fracturing
- Production & Sales to Market
- Potential Project Benefits

and at the top level itself:

- Local Issues & Concerns
- Regulatory Information

Kind regards

Majella McCarron

Answer:

From: Richard Moorman  
<[richard.moorman@tamboran.com](mailto:richard.moorman@tamboran.com)>  
Date: Tue, Nov 22, 2011 at 3:25 PM

Subject: Re: Problems with Tamboran website - specifically 'Ireland & UK' section  
To: Majella Mccarron  
<majella.mccarron@gmail.com>  
Cc: marian\_tracey@yahoo.co.uk

Dear Majella,

Thank you for your emails. My apologies for the delay as I just returned late Sunday night from a three week investor road trip across North America and am slowly catching up.

Thank you for your observations about the website. An update is underway for release in early December which will hopefully correct the current confusions and limitations. Most of the focus since the website went online in September has been on investor information, since we are arranging funding to continue operations in Ireland and Northern Ireland for the 2012 and 2013 years.

As you point out, the current wording in the headers can lead to confusion and we need to clearly separate the regulatory information. Also, our designs continue to evolve as we have a full-time team working on facility and well design. One of the benefits of this is a much reduced wellpad footprint, which is now down to just 1.1 hectares (3 acres) for an 8-well pad (post-drilling).

I will notify you as the updates begin.

Thank you for making the time to contact me.

With best regards,

Richard

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**The Tamboran logo-**

Majella: For a good laugh (or cry) read <http://www.tamboran.com/about-us/origin-of-our-logo/>

Comment by Ineke

Have a look as this logo. As mentioned in the first newsletter, companies wish to use religious symbols. Shell, the shell that the

pilgrims had on their hat. The Tamboran, a spiritual house. Their approach to answer letters is smart: friendly with empathy, but do not forget Fr. Oshea's words at various meetings: they behave friendly but the only thing they want is MONEY and Richard seems to go for 20 million Euro's

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**Updates on Web FFI**

**Movies**

- **You tube video about never watched water contamination by HF** Convection caused by hot casings of oil gas and geothermal wells affecting drinking water  
Technical University Delft  
<http://www.youtube.com/watch?v=xxhZJcY194Q&feature=feedu>  
(Web FFI: movies)

- You tube video: **Things always find a way to happen ...** A pen leaking. Your shoelace coming untied. Toxic chemicals in your drinking water. What?!  
[http://www.youtube.com/watch?v=wj\\_7kt51iJc](http://www.youtube.com/watch?v=wj_7kt51iJc) (Web FFI: movies)

- You tube video - **Is extraction of shale gas by fracking safe?**  
This is a nice punchy little documentary on fracking. Susan Watts on BBC Newsnight (2nd Dec 2010).  
<http://news.bbc.co.uk/1/hi/programmes/newsnight/9255520.stm>  
(Web FFI: movies)

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**Pims report** – Path to prosperity or road to ruin – POLISH report  
[http://frackingfreeireland.org/wp-content/uploads/2011/10/PISM-Report\\_Shale-Gas-Under-Political-Scrutiny-1.pdf](http://frackingfreeireland.org/wp-content/uploads/2011/10/PISM-Report_Shale-Gas-Under-Political-Scrutiny-1.pdf) (Web FFI Political issues Poland and EU)

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**Poland has a Minister of Environment,** Marcin Korolec. He is a lawyer, former deputy director in Ministry of Economy. Apparently he is an advocate for coal and shale gas (big surprise!).

Received from: Lisette van Vliet, Ph.D.  
*Toxics Policy Advisor*  
Health & Environment Alliance  
28 Boulevard Charlemagne  
B-1000 Brussels BELGIUM  
Tel: +32 2 234 3645 (direct) Fax : +32 2 234 3649  
E-mail: [lisette@env-health.org](mailto:lisette@env-health.org)  
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**- Bulgaria seeks clarification on shale gas drilling**

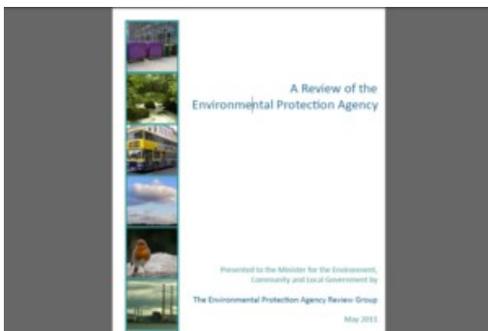
Europe need an unbiased investigation to Shale Gas extraction, **not sponsored by the oil and gas companies**  
<http://www.naturalgaseurope.com/bulgaria-seeks-clarification-in-environment-impact-of-shale-gas-drilling-3486>  
(Web FFI Global fracking/global resistance)

**Particle fragments: an overlooked hazard of oil and gas exploration**

<http://frackingfreeireland.org/wp-content/uploads/2011/08/Particle-fragments-...262na41.pdf>  
(Web FFI Political issues/research)

**EPA chief: Wyoming water well results 'of concern'**

The head of the Environmental Protection Agency says high levels of methane, benzene and chemicals found in two Wyoming water-monitoring wells are "of concern" and said hydraulic fracturing may be responsible [http://trib.com/news/state-and-regional/epa-chief-wyoming-water-well-results-of-concern/article\\_0aacd635-c62a-5eae-9f79-e6ae14eb1906.html](http://trib.com/news/state-and-regional/epa-chief-wyoming-water-well-results-of-concern/article_0aacd635-c62a-5eae-9f79-e6ae14eb1906.html)  
(Web FFI Political issues/research)



**A review of the EPA – comments by Saskia**

The recently announced appointment of a long standing Director of the EPA, however competent, to the top EPA post will mitigate against the implementation of the recommendations of the 2011 'Review of the Environmental Protection Agency'.

This review was a major achievement of the last Government and in fact even includes key recommendations for a review of the composition of the selection committee that recommended this appointment to the Minister. The Review was intended to ensure the independence and competence of the agency and it is worrying that this

appointment for 7 years has been made by the Minister without any cognisance of the Review Groups' recommendations.'

[EPA Review Report](#) (Web FFI Political Issues/research)

Received from Margaret Dillane [magweb@eircom.net](mailto:magweb@eircom.net);

I attended the public meeting at NUIG last week and as part of his presentation, Tiernan Henry, (geologist), talked about an investigation being undertaken by the Environmental Protection Agency in the US into the relationship between drinking water and fracking. I don't think it is due to finally report until 2014 but information will be released on an ongoing basis while the report is being compiled.

Tiernan provided me with two links, one to the section of the EPA website which deals with the report. The second is to a PDF document which outlines the scope of the report. I am not sure if people are already aware of this. If so forgive me. In case they are not here are the links:

<http://water.epa.gov/type/groundwater/uic/class2/hydraulicfracturing/index.cfm>

[http://water.epa.gov/type/groundwater/uic/class2/hydraulicfracturing/upload/FINAL-STUDY-PLAN-HF\\_Web\\_2.pdf](http://water.epa.gov/type/groundwater/uic/class2/hydraulicfracturing/upload/FINAL-STUDY-PLAN-HF_Web_2.pdf)  
(Web FFI Political Issues/research)

A piece of trivia - apparently it was Richard Nixon who initiated the EPA.

**Tyndall** Centre  
for Climate Change Research

*Shale gas: an updated assessment of environmental and climate change impacts*

A report by researchers at the Tyndall Centre University of Manchester

John Broderick  
Ruth Wood  
Paul Gilbert  
Maria Sharmina  
Kevin Anderson  
Tyndall Manchester

Anthony Footitt

**Tyndall Centre:** shale gas: updated assessment of environmental and climate change impacts

[http://frackingfreeireland.org/wp-content/uploads/2011/08/Broderick2011\\_S\\_haleGas\\_ExecSummary\\_Conclusions1.pdf](http://frackingfreeireland.org/wp-content/uploads/2011/08/Broderick2011_S_haleGas_ExecSummary_Conclusions1.pdf)

(Web FFI: Official reports) 23 November 2011)

**Tyndall final press release 23  
November 2011 - [Tyndall final press  
release](#)**



**Shale gas push 'would wreck UK's climate change targets -**  
<http://www.guardian.co.uk/environment/2011/nov/23/shale-gas-climate-change-targets> (23 November 2011)  
(Web FFI: Irish Press/UK)

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**Fracking serie:  
Gas drillings environmental threat**  
<http://www.propublica.org/series/fracking>  
(Web FFI: What is fracking/fracking so what?)

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Article received from Marianne Lloyd-Smith - **Australia**

This article in the Sydney Morning Herald may be a little convoluted if you have not followed this incredible story but its so worth reading.  
<http://www.smh.com.au/business/coal-seam-gas-may-not-help-climate-fight-20111118-1nn5f.html#ixzz1e7BWlnom>  
(Not on Web FFI)

Dr Mariann Lloyd-Smith PhD (Law)  
Senior Advisor, IPEN - International POPs Elimination Network  
Senior Advisor, National Toxics Network Inc.  
PO Box 173 Bangalow NSW 2479  
(612) 66815340 / 0413 621557  
[biomap@oztoxics.org](mailto:biomap@oztoxics.org)  
[www.ntn.org.au](http://www.ntn.org.au)  
[www.ipen.org](http://www.ipen.org)  
Skype – mariannls

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Letter about cancer risks and fracking – **by  
Sandra Steingraber (an ecologist and survivor of cancer)**  
**Dear friends across the Atlantic--**

Here is a quick update on fracking from my part of the world. The ongoing decision as to whether or not New York State will lift its moratorium on fracking is reaching a feverish endgame. Between now and December 12, five different critical public hearings will be held.

Well, one of them (next Monday) is actually not a hearing but rather an up or down vote by four state governors and one member of the Obama administration as to whether or not fracking will be allowed in the interstate Delaware River Basin, which provides drinking water to five percent of the U.S. population (New York, Pennsylvania, New Jersey, and Delaware).

The other four are true hearings convened by the state environmental commission of New York as it inches closer to releasing rules and regulations on fracking, which will pave the way for permits and replace our current moratorium.

Citizen opposition to both proposed moratorium reversals is fearsome.

Below I have attached, for your information, a press release that went out a few hours earlier today along with the text of a new letter to New York State's governor, Andrew Cuomo, about the cancer risks from fracking. I am the primary signatory (and Lois Gibbs of Love Canal fame, too!), and it's also signed by more than a dozen cancer advocacy groups and medical organizations.

I hope this might be useful to your own good efforts. Much of the evidence on carcinogens in the fracking process is reviewed in the letter, which is fully referenced.

Also included here is the announcement about my decision to devote the Heinz Award to the fight against fracking. The ceremony was in Washington D.C. last night.

Feel free to quote from and distribute these documents.

Faithfully,

Sandra Steingraber  
[ssteingraber@ithaca.edu](mailto:ssteingraber@ithaca.edu)

**Letter about the risks of cancer:**

Cancer survivors and medical groups warn Cuomo the rush to issue FH permits threatens to expose new Yorkers to cancer risks

[Release, Cancer Letter to Cuomo, Steingraber award, 11-16-11, final](#)

**Letter to governour Cuomo -**

[CancerFrackingNov16FINAL16](#)

**Award**

[Sandra Steingraber Press Release 17th Heinz Awards\[1\]](#)

Author and Cancer Survivor Receives Prestigious Heinz Award Hailed as 'the New Rachel Carson,' Dr. Sandra Steingraber Links Toxic Chemical Exposure to Diseases (Web FFI: Official reports/research)