

Submission to
WA Scientific inquiry into Hydraulic Fracture Stimulation in WA 2017

Name: Kaye Lewis OAM

[REDACTED]
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I am a Moora resident of 57 years who has experienced several floods over those years. I am concerned about the unconventional gas industry being in the way of Shale,tight gas and providing that myself Husband, Children, Grandchildren and future generations and the general well being of all human beings have a right to Clean Air, Uncontaminated Land, and water. I have been motivated by going to a few anti fracking meetings also a presentation by John Fenton a US Rancher.

There are 3 main concerns of myself and husband Frank which why we think that Fracking should be banned in Western Australia.

- sole town water supply
- Proximity to the Darling Fault
- Fracking Nightmare with John Fenton

I therefore make this submission for the sake of Moora Town who would be critically effected should exploration and drilling take place.

1. Moora's Town Water Supply.

Kolburn under license EP 321 Supplies Drinking water to 1800 town residents which consists of the Aged, Adults and Children.

The original Water Supply east of Moora Town is not potable and is used only for stock, Gardens and Shire Road Making. Which was set up by the Military during World War 2, whilst Troops were training.

Kolburn, west of Moora on the Dandaragan -Moora Road is the second water supply, Kolburn was already in use by the time the Eastern Field was closed for drinking water usage.

The Country Areas Water Supply Act (1947) protects the quality of water sources in country Western Australia.

The Act's by-laws enabled the former Water and Rivers Commission to control potentially polluting activities to regulate land use,inspect premises and to take steps to prevent or clean up pollution.

The Commission developed priority classifications for lands under their control listed in the Moora Water Reserve Water Source Protection Plan for Moora Town Water Supply 1999.

https://www.water.wa.gov.au/data/assets/pdf_file/0012/4521/10107.pdf

Moora Historical Society Records

2.Darling Fault. Earthquakes.

The Darling Fault is one of the longest and most significant faults in Australia,extending at least 950km long in a North/ South orientation near the west Coast of Southern Western Australia.

Earthquake fault lines runs almost through Moora.

Fracking and the re-injection of fracking fluids cause earthquakes, which, depending on the

substrate, can be quiet disastrous even if not high magnitude.

Earthquakes can occur naturally at any time, of course we do not need man made quakes to devastate the towns and the land. This would be devastating to Moora and of course Perth, particularly with the central area built on reclaimed land.

<https://www.perthnow.com.au/news/wa/wa-sits-on-deadly>

3.

Fracking Nightmare US Rancher John Fenton

I attended a Public Meeting on April 22nd in our town of Moora to hear the first hand account of US rancher John Fenton

He said his life had been turned upside down by the fracking industry that had put 24 wells on his property.

The nearest well was less than metres from his back door and the family lived with constant truck movements, venting gas wells and water that was so polluted it could no longer be used for drinking water or cooking. Also he said that his water was so full of gas he had to open all doors and windows to avoid his house from exploding

With gas leases now swath of the Midwest and plans to conduct seismic testing in the Kolburn bore field EP321.

I am very concerned at the impact that fracking would have on our district.

This area is a large area used for the food we eat and export to other countries.

There is no justification in drilling near the area near the Kolburn aquifer and bores

To consider fracking in Western Australia is absurd.

<http://Nvnews.com.au/Author/Tamieka/>

Summary

- Moora's Town water supply is at risk under permit EP321 also EP494 is also at risk within horizontal drilling distance.
- Moora is a special agricultural / horticultural including Wildflowers and should not be used for drilling and Fracking.
- Moora is close to the longest earthquake fault-lines in the world – 950km-extending from north to south known as the Darling Fault Line.
- Fracking in Wyoming US caused major disastrous effects to Family and Land hearing the story by John Fenton

Conclusion and Recommendations

I hope that this Scientific enquiry done by submissions by the public will be thoroughly examined by your group.

With recommendations to the State Government to stop the Fracking and ban fracking in Western Australia. So that people will have a basic human right to clean air, and uncontaminated land and water

K F Lewis OAM