LEGEND

- ● Towns
- ○ Tourist locations
- ■ Groundwater aquifers
- ■ Fracking exploration lease areas
- ▥ Fracking exploration over groundwater aquifers

Exmouth

Ningaloo World Heritage Area

Carnarvon Aquifer

Geraldton

Beekeepers Nature Reserve

Lesueur Aquifer

Yarragadee North Aquifer

The Pinnacles

Perth

Margaret River

Yarragadee South Aquifer

We support a permanent, legislated ban on fracking and unconventional gas activities statewide.

www.frackfreefuture.org.au/statewideban

The Science. The unconventional gas and fracking industry is poised for massive industrialisation across Western Australia, with vast areas across the Kimberley, Canarvon food bowl, Mid West farmland and wildflower country under threat.

The United States Environmental Protection Agency released a major report (Dec, 2016) that details risks to permanent damage to water sources at every stage of the fracking process.

WA hydrogeologist Dr Ryan Vogwill released a report (May, 2017) that highlighted the clear threat posed to Western Australia's groundwater supplies by unconventional tight gas exploration and mining or 'fracking'.

These groundwater supplies include the Canarvon, Lesueur and Yarragadee Aquifers, which supply Perth's drinking water and support regional communities across WA.

This industry has already been granted numerous licenses to drill through the very aquifers that supply your drinking water.

Do we have your attention yet?

The Ethics. The WA Department of Health, lists 195 'chemicals of concern' associated with fracking fluid and the fracking process. The WA Department of Health further states, "many of the chemicals do not have a health guideline value for oral intake", meaning that there is no safe limit defined in this country for these chemicals.

Research in Pennsylvania shows proximity to fracking sites is associated with premature births, increased severity asthma, and other symptoms including migraines, sinus issues and fatigue.

The Politics. Fracking bans and moratoria (temporary bans) have been enacted in Tasmania, Northern Territory and Victoria.

In the lead-up to the 2017 WA election the Australian Labor Party made a number of commitments to control unconventional gas activities. These included:

A public inquiry to examine environment, health, agriculture, heritage and community impacts (including full analysis of lifecycle greenhouse gas emissions) prior to any fracking activity (including future exploration).

A moratorium on the use of fracking until such an Inquiry can demonstrate that process will not compromise the environment, groundwater, public health or contribute adversely to climate change.

A permanent ban on fracking in the South West, Peel region and Perth metro area.

There have been no formal Environmental Impact Assessment of any fracking activities undertaken in WA. Ever.

With an Inquiry imminent, the case is stronger than ever for WA to follow Victoria's lead in implementing a permanent, statewide fracking ban.

The Facts. 'Fracking' or 'hydraulic fracturing' involves all activities associated with unconvetional gas mining.

This includes exploration mining, production, seimic lines and testing, land clearing, waste water ponds, chemical injections, flaring and truck movements to and from drilling sites.

The mining process requires pumping a mixture of chemicals, sand and water deep beneath the ground at high pressure to fracture gas-carrying shale rocks. Around half that fracking fluid is lost to the environment. The rest returns to the surface and is disposed of in leak-prone surface storage ponds, left to exaporate.

The Future. Bans and moratoria have been enacted internationally, such as in New York State, Scotland, Germany and France.

Thousands of people around Australia are banding together and declaring their communities 'gasfield free' refusing to support this obnoxious industry.

It's time WA focussed on the development of renewable energy resources the State's energy needs and joined the global movement for a #FrackFreeFuture

If you support a permanent, legislated ban on fracking and unconventional gas activities statewide there are a number of ways you can help:

Sign our petition. Read this flyer again. Get in contact with Frack Free Future. Get in contact with your local government representatives. Divest. Donate. And please, spread the word.

So what's all the fracking fuss about anyway?

Open this up to find out.

FRACK FREE FUTURE
www.frackfreefuture.org.au

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