

Name: MR & MRS M. J. RALEIGH
(appearing 4 in family)
Address: "BORAMBIL PARK"
450 WARRAH RIDGE ROAD,
Date: QUIANDI NSW 2343
17th MAY, 2017

Attn: Executive Director, Resource Assessments
Department of Planning and Environment
GPO Box 39
Sydney NSW 2001

This is a submission to the Santos Narrabri Gas EIS.

I object to this project and recommend that it be rejected. I strongly object to fracking for the following reasons:

1. 600 number of chemicals used in fracking liquid including known carcinogens & toxins such as lead, benzene, uranium, radium, methanol, mercury, hydrochloric acid, ethylene glycol and formaldehyde. Chemicals leach out from well.
2. 8 million gallons of water used in fracking process - upset our water tables. Water is contaminated for drinking water in local communities. cases of sickness, sensory, respiratory & neurological damage caused by contamination.
3. Only 30-50% of fracturing water/fluid is recovered, rest left in grounds not biodegradable.
4. Squeezed out More than 90% water never returns to surface therefore bad news for drought affected areas.
5. Bad for babies (fluid) left in open air pits to evaporate releasing dangerous volatile organic compounds into atmosphere creating acid rain & ground level ozone.
- Health problems: asthma, headaches, high blood pressure, anemia, heart attack & cancer.

I ask the Government to reject this project and make the Great Artesian Basin recharge off-limits to gas mining.

Signed,

Raleigh

It can damage immune system, reproductive systems as well as fetal & child development.

We have a Keala & Kangeroo population which doesn't need this, 30% of mothers living near fracking have babies with congenital heart defects. Low birth weights. Higher scores of babies.

5. Riller gas.

Fracking sites have overall radon concentration 39% higher than non fracking areas.

A naturally occurring radioactive gas formed by decay of uranium in rock, soil & water - odorless, tasteless & invisible. Second leading cause of lung cancer worldwide.

6. Shifting Sands.

Additional to water & toxic chemicals fracking requires use fine sand driving a sand mining boom. Silica can impede breathing cause respiratory irritation, cough, airway obstruction.

7. Shake, rattle & roll

Scientists believe fracking process causes earthquakes. Day after USGS report released statement made very likely the majority of earthquakes in Oklahoma central & north central triggered by injection of produced water in disposal wells.

8. Heat is on.

Natural gas is mostly methane, a highly potent greenhouse gas that traps 86 times as much heat as carbon dioxide. Methane leaks during fracking process. Fracking worse than coal. When you frack some of gas leaks out into atmosphere. Climate change no better for using natural gas.

Small leaks in natural gas can have large climate impact enough to get entire benefit of switching from coal fired power to gas. (Joe Romm)

9. Quid pro quo?

Insidious side effects of fracking amount of chemicals flowing into ground & amount of money flowing into politician's campaign coffers from fracking industry.

Short term thinking

Fracking produces jobs, boosts economy but cost to public health & environment enormous.