

Danielle Bonnington  
"Bonnayr" 500 Wyuna Road  
Curban NSW 2827

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## **SANTOS Narrabri Gas Project Environmental Impact Statement (EIS) SUBMISSION**

As a mother, ecologist, farmer and resident of NSW **I am strongly OPPOSED to Santos' Narrabri Gas Project** development, and all extraction and development of Coal Seam Gas.

I am horrified that the development of Coal Seam Gas projects, which have been shown in the USA, and through the experiences of Queensland gasfield residences, to have incredibly deleterious environmental and health impacts would be considered by the NSW state government for our environment and communities.

Although many, my primary concerns regarding Santos' NGP are the health and environmental impacts.

I am very concerned that Santos has not investigated or dealt with the health effects of CSG that are now appearing in peer-reviewed research in the United States. This is one of the terrible long-term impacts of the industry that needs addressing.

The impacts on the environment in the Pilliga, and further afield, are likely to be devastating.

The project will extract more than 35 billion litres of water from the Great Artesian Basin (GAB). This will have a draw down effect over time, lowering the water table and the levels of bores where water has been extracted more sustainably over a number of years. Because of the very heavy reliance of this water resource by rural communities, much work has gone into determining sustainable extraction volumes from the GAB, and this proposed extraction flies in the face of this.

The project involves clearing of large areas of land in the Pilliga forest for the construction of wells and other infrastructure, resulting in landscape fragmentation. So many species are reliant on this large tract of forest for their survival.

I truly hope the NSW Department of Planning and Environment gives proper and due consideration to all the submissions it receives regarding this project, and attempts to seek as much information as possible about the Coal Seam Gas industry in general and its wide reaching impacts, before further consideration of this project.

Kind regards,

Danielle Bonnington