

## Heather Reid

Coolabah NSW 2831 heatherwreid@bigpond.com

20 May 2017 21:25:06

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected. I am horrified that a project that I believe has such potential for harm should be being considered for financial gain.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Heather Reid

Coolabah NSW 2831

1001

## Rani Brown

9 Mountbatten St, Blackheath, New South Wales, Australia frogmouthfilms@gmail.com

## 17 May 2017 23:32:20

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected. CSG has no social licence. I am deeply concerned about many aspects of this project and the impact these decisions will have on my children's future.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Rani Brown

9 Mountbatten St, Blackheath NSW 2785, Australia



# helen duhring

helen.duhring@skymesh.com.au helen.duhring@skymesh.com.au

## 19 May 2017 19:08:55

#### the Narrabri Gas Project is madness

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

i cannot believe that this project is even considered, it has drastic consequences.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

helen duhring

helen.duhring@skymesh.com.au

# Mitra Ellis

931 Doyles River Road, Bulga Forest, New South Wales, Australia possumhall@gmail.com

### 18 May 2017 19:19:30

## Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW. The toxic chemicals used in the drilling process as well as the gas will contaminate the GAB which is a precious resource on our dry continent.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

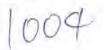
I urge the Government to reject this project and make the Great Artesian Basin recharge off-limits to gas mining.

Signed,

Yours sincerely,

Mitra Ellis

931 Doyles River Rd, Bulga Forest NSW 2429, Australia



# Jan Davis

202 High St, East Maitland, New South Wales, Australia jandavis280@gmail.com

#### 19 May 2017 08:41:09

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected, as are many previous gas fields across this state...

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable. It is obvious that this gas is wanted for export, and will be taken by pipeline to Newcastle - causing risk to landholders along the way.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm. Renewables are becoming so much cheaper and more reliable than fossil fuels.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory. This issue is important.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

The damage to the environment is immense - I have seen areas in the Piliga that were damaged seventeen years ago by spills of waste water - still nothing grows on that site - this is totally unacceptable.

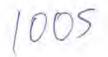
I urge the Government to reject this project and make the Great Artesian Basin recharge off-limits to gas mining.

Signed,

Yours sincerely,

Jan Davis

202 High St, East Maitland NSW 2323, Australia



# **Anthony Durrington**

19 Hampton Street, Durack, Brisbane 4077 antdurro@gmail.com

#### 19 May 2017 08:50:10

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural and tourism industries at risk,

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Anthony Durrington

19 Hampton Street, Durack, Brisbane 4077

## Neal Salan

1008 Sherrard Street, Ballarat North, Victoria, Australia nsalan@gmail.com

### 14 May 2017 16:37:44

## Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I write to object to this project and believe it should be rejected on the following grounds.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified; Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Neal Salan

1008 Sherrard St, Ballarat North VIC 3350, Australia

# anna taylor

Ettrick Road, Ettrick, New South Wales, 2474, Australia annataylor797@gmail.com

#### 14 May 2017 18:15:44

### Please reject the Narrabri Gas Project

#### renewables are the Earths future.

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

invest in renewables.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

anna taylor

Ettrick Rd, Ettrick NSW 2474, Australia

# Alice Oppen

67 Parish's Road, Barrengarry, NSW 2577 aoppen@bigpond.com

#### 14 May 2017 18:17:59

## Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

I urge the Government to reject this project and make the Great Artesian Basin recharge off-limits to gas mining. Each member of the Government stood for election with high principles. Now is the time to take your place in history. Fame or shame.

Signed,

Yours sincerely,

Alice Oppen

67 Parish's Road, Barrengarry, NSW 2577

# robin gardner

Crowther Avenue, Wattle Glen, Victoria, 3096, Australia robinjgardner@gmail.com

#### 14 May 2017 18:22:47

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear about 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, which is the home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate emissions of methane from venting and leakage, adding significantly to climate change due the high impact nature of methane.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

## Renata Field

38 Third Street, Ashbury, New South Wales, Australien renatafield@yahoo.com.au

#### 14 May 2017 18:24:15

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected. The land is too precious. I believe it is a poor plan and will not serve the future of our children well.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Renata Field

38 Third St, Ashbury NSW 2193, Australien

## June Martin

Morton Rd. Nimbin NSW june170744@gmail.com

#### 14 May 2017 16:50:30

I find it very sad that some people, companies, etc., care sp very little about the enivronment and what sort of heritage we are passing on to future generations. Please no gas project at Narrabi. Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

June Martin

Morton Rd. Nimbin NSW

## Cameron Nicol

176 Elanora Road, Elanora Heights, New South Wales, Australia cameron@importdriver.com.au

#### 16 May 2017 10:39:19

#### Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Yours sincerely,

Cameron Nicol

# Sarah Buckley

245 Sugars Rd Anstead QLD 4070 sarahjbuckley@yahoo.com

# 17 May 2017 13:20:35

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected. I am especially concerned about food and water security into the future, including under scenarios of climate change.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Sarah Buckley

245 Sugars Rd Anstead QLD 4070



# Jepke Goudsmit

1/54a Mount St, Coogee, New South Wales, Australia kineticenergygi@iprimus.com.au

## 17 May 2017 15:45:47

#### PLEASE reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and strongly believe it should be rejected.

The project will cause serious, even irrevocable, environmental damage. It is a threat to other industries (agriculture), to the local Aboriginal community, and to already endangered species. Not to mention that CSG has now been proven to be a health threat as well. Over and above, we sould tackle climate change by stopping to invest in or approve of new fossil fuel projects. Instead we should turn to sustainable energy sources. To sum up my objections:

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Jepke Goudsmit

1/54A Mount St, Coogee NSW 2034, Australia

# Margaret Marshall

43 Marvell Street, Byron Bay, New South Wales, Australia shamana727@gmail.com

#### 16 May 2017 20:43:42

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Please consider long term for our children. Not short term budget.

Signed,

Yours sincerely,

Margaret Marshall

43 Marvell St, Byron Bay NSW 2481, Australia

## Tom O'Brien

"Gleneda" Pilliga rd Walgett NSW 2832 tomobrien33@hotmail.com

#### 16 May 2017 19:02:50

Please reject the Narrabri Gas Project because it is wrong to take away the right for future generations to produce more useful resource productions like food and fibres. We need food and fibres along with water, which is another serious concern of this project.

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Tom O'Brien

"Gleneda" Pilliga rd Walgett NSW 2832

# Andrew Tilbury

57 Graham Rd, Quinns Rocks, Western Australia, Australia andy.tilbury@iinet.net.au

## 15 May 2017 11:06:08

## Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4, Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

I was going to write this in my own words, but a lot of thought has gone into this and I agree with every word as it stands. The people of this great country DO NOT WANT FRACKING to destroy its beauty and variety.

Please Please Please do the right thing.

Signed,

Yours sincerely,

Andrew Tilbury

57 Graham Rd, Quinns Rocks WA 6030, Australia

# Rosa Bellert

Coffs harbour NSW rosannaruby@gmail.com

## 16 May 2017 19:30:08

## Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I STRONGLY object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 BILLION litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Rosa Bellert

Coffs harbour NSW

## Ann Fisk

140 Hancock Road, Saint Agnes, South Australia, Australia ann.fisk@bigpond.com

### 16 May 2017 19:37:57

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I am amazed that this project is even being considered given the damage it will do and in a time when we are concerned about climate change and protecting not just the environment but also out vital food production areas. This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Ann Fisk

140 Hancock Rd, St Agnes SA 5097, Australia

# Sharon Main

Moerlong kayemain@hotmail.com

## 15 May 2017 22:39:37

Please reject the Narrabri Gas Project as I believe it has a very high potential of causing contamination to a vital water supply.

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Sharon Main

Moerlong

## Orel Lea

11a Kent Street, Waverley, New South Wales, Australia orel@lea.com.au

## 16 May 2017 07:47:48

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

The Great Artesian Basin water is precious...with amazing history...having once been rain, that fell thousands of years ago in New Guinea!

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

Signed,

Yours sincerely,

Orel Lea

11A Kent St, Waverley NSW 2024, Australia

## Mick Parr

Tuntable Falls Road, Nimbin, New South Wales, Australia mickparr58@gmail.com

#### 15 May 2017 13:58:40

Please reject the Narrabri Gas Project, it is too obvious that there is permanent damage done to our water reserves, the necessity of life,... WATER, unpolluted water free from the chemicals of fracking and the toxins that are released from the ground levels once fracking is used in these farming areas.

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Mick Parr

Tuntable Falls Rd, Nimbin NSW 2480, Australia

# regina gleeson

102 Fraser Avenue, Anglesea, Victoria, Australia info@surfcoastwalks.com.au

#### 15 May 2017 14:41:02

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected, this project is unacceptable for a swathe of environmental and social reasons.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

regina gleeson

102 Fraser Ave, Anglesea VIC 3230, Australia

# Graham Blythman

10 Judith St, Corlette, New South Wales, Australia blythmang@bigpond.com

### 15 May 2017 14:47:29

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I have been a National Party voter for a long time - if this project is adopted YOU WILL NO LONGER HAVE MY VOTE.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Graham Blythman

10 Judith St, Corlette NSW 2315, Australia

## Andreas Dalman

93 Prince Edward Ave, Earlwood, New South Wales, Australia Andreas.Dalman@uts.edu.au

## 15 May 2017 15:27:57

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected. Land and water are too important.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
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- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Andreas Dalman

93 Prince Edward Ave, Earlwood NSW 2206, Australia

# Kathy Farren

Stoneleigh Street, Lutwyche, Queensland, Australia katfarren@bigpond.com

## 15 May 2017 15:36:32

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

I will not vote for a party that allows this.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Kathy Farren

Stoneleigh St, Lutwyche QLD 4030, Australia

## Pam DiLorenzo

Flora Street, Stepney, South Australia, Australia pdilorenzo@vtown.com.au

## 15 May 2017 16:13:09

# Narrabri Gas Project adversely affects precious groundwater and temperate woodland - Reject the Project!

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
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- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Pam DiLorenzo

Flora St, Stepney SA 5069, Australia

## terance Rae

30 George Street, East Maitland, New South Wales, Australia trae.53@hotmail.com

## 15 May 2017 16:34:58

I wish to support the people to stop the destruction of land for the profit of Santos and the the impact that it will have on the wildlife and this land and the long term effects on everyone. Terry. Rae

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
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- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

terance Rae

## Patricia Mann

Burringbar Road, Upper Burringbar, New South Wales, Australia trishmann7@gmail.com

## 15 May 2017 16:45:38

### No Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project because of the information below which is science based. The project is not in the interests of the people of NSW it is purely based on lining the pockets of corporations and politicians.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Yours sincerely,

Patricia Mann

Burringbar Rd, Upper Burringbar NSW 2483, Australia

## susan buchanan

Dover Road, Rose Bay, New South Wales, Australia susanbuc@bigpond.net.au

#### 14 May 2017 16:36:19

## Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

It would endanger our water supply and cause enormous waste and discharge.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

susan buchanan

Dover Rd, Rose Bay NSW 2029, Australia

# Lindsay McNeill

York emufarm53@bigpond.com

## 14 May 2017 16:24:14

## Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

My concern extend Australia wide and believe there are alternative natural and renewable energy sources for us to utelize that don't have the inherent risks of coal seam gas.

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

Signed,

Yours sincerely,

Lindsay McNeill

York

# Fiona McCormick

Burringbar Road, Upper Burringbar, New South Wales, Australia fiona.mccormick55@gmail.com

#### 14 May 2017 18:02:36

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I have spent more than half my adult life living in rural areas of NSW and QLD. As such, I have also worked the land to produce small crops for local farmers' markets and am cognisant of how precious a resource unpolluted ground water can be.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural agriculture and communities across western NSW.
- Lead to large deliberate emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed, Dr Fiona McCormick

# Rebecca Mooney

7 Moller Drive, Sawtell, New South Wales, Australia rebecmooney@hotmail.com

## 14 May 2017 20:56:51

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS. I grew up in Gumnedah and many of my family still reside there.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed, Rebecca Mooney

Yours sincerely,

Rebecca Mooney

7 Moller Dr, Sawtell NSW 2452, Australia

## Rick nankivell

6A Raison Drive, Littlehampton, South Australia, Australia tahirick@hotmail.com

## 14 May 2017 21:06:43

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

History will judge you.

Signed,

Yours sincerely,

Rick nankivell

6A Raison Dr, Littlehampton SA 5250, Australia

# Wies Schuiringa

31 Forsyth Street, West Ryde 2114 wiesschuiringa@hotmail.com

## 14 May 2017 21:05:59

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

Dear Executive Director,

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Wies Schuiringa

Forsyth Street, West Ryde 2114

# **Chris Hockey**

80 Osborne Avenue, West Bathurst, New South Wales, Australia scoota\_93@hotmail.com

# 13 May 2017 13:25:43

### PLEASE REJECT THE NARRABRI GAS PROJECT

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Make it harder to also reject the proposed Western Slopes pipeline which would personally affect my property west of Tottenham and my future business aspects in all regards, detailed in my specific submission against the WSP.
- 2. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 4. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 5. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Chris Hockey

80 Osborne Ave, West Bathurst NSW 2795, Australia

# **Frances Davies**

12 Manse Court, Molendinar, Queensland, Australia allsortssolutions@gmail.com

#### 13 May 2017 16:49:25

## Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

Although I now live in Qld, I grew up there and my brother still lives on the family farm near Coonabarabran.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Frances Davies

12 Manse Ct, Molendinar QLD 4214, Australia

# Rihanna Riley

Ferntree Gully Victoria Frogonlog00@gmail.com

# 14 May 2017 19:10:13

## Please reject the UNWANTED Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I wholeheartedly object to this destructive project and believe it MUST be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Rihanna Riley

Ferntree Gully Victoria

# Shaun Murray

9/34 Gould Ave shaunmurray76@gmail.com

# 14 May 2017 08:41:56

# Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South
  Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

I am also opposed to this project as the continued development of fossil fuel projects is inconsistent with the Paris climate agreement.

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

Signed,

Yours sincerely,

Shaun Murray

# Andrea Janssen

53 Robertson Road, Scotland Island andrea@novaliving.com.au

### 14 May 2017 14:08:44

# Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected. There are many ways to produce energy without devastating our food & water supply! It is time that Executives take responsibility for their decisions and not just follow the \$\$. Once our natural resources are destroyed all the gas, electricity and \$\$ won't restore them and help us and you survive.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Andrea Janssen

53 Robertson Road, Scotland Island

# **Doug Carbery**

1 Hydrangea Lane Cobbitty 2570 dcarbery@internode.on.net

### 14 May 2017 14:20:12

# Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

After researching details of this project I am satisfied that, to approve it, will result in significant damage to the Great Artesian Basin. The health of the Basin should be paramount in any proposal to mine/develop the Pilliga and/or the Liverpool Plains.

I believe the points listed below should lead to an overwhelming rejection of the project.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Doug Carbery

1 Hydrangea Lane Cobbitty 2570

# Peter Simmons

67 Lambert Street, Bathurst, New South Wales, Australia psimmins@westnet.com.au

#### 20 May 2017 20:46:51

## Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

The project is unnecessary both as a means to obtaining energy and as the cause of untold harm to Indigenous people and farmers and many others attached to the land.0

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Peter Simmons

67 Lambert St, Bathurst NSW 2795, Australia

# Malcolm Orchard

10/125 King St mal8888.au@gmail.com

# 14 May 2017 14:37:39

## Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected. Santos is a poorly directed company with a Chairman that is rude and dismissive of queries at AGMs! They are NOT to be trusted.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Malcolm Orchard

10/125 King St

# Leanne Bennett

Sydney nsw 2000 leannebennett@hotmail.com

## 14 May 2017 14:55:50

## Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

I urge the Government to reject this TOXIC HIGH RISK project that will contaminate the environment (rivers, lakes, water supplies, inground aquifers, drinking water, land/soil and air quality) that will cause long-term economic detriment to the Australian economy and make the Great Artesian Basin recharge OFF-LIMITS to ALL gas mining.

Signed,

Yours sincerely,

Leanne Bennett

# Heather Ellemor-Collins

The Channon Road, Dunoon, New South Wales, Australia hellemorcollins@gmail.com

### 14 May 2017 15:18:32

## Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected. I believe there are far safer ways to generate fuels and to create economic growth and jobs than CSG mining.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Heather Ellemor-Collins

The Channon Rd, Dunoon NSW 2480, Australia

# Leigh Martin

13 Cromwell Street, Glen Iris, Victoria, Australia leighm67@gmail.com

### 12 May 2017 11:44:13

## Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

I do not see the benefit to the Australian community only costs.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

# Rainer Hartlieb

Huonbrook Road, Huonbrook, New South Wales, Australia rainerhart@aapt.net.au

## 14 May 2017 15:00:06

## Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

Say no to coal seam gas!

We and future generation depend on your rejection of coal seam gas.

We need the water and the land to stay clean, we can,t let santos wreck it for a few bucks profit in their pockets.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Rainer Hartlieb

Huonbrook Rd, Huonbrook NSW 2482, Australia

# Linda Mathew

1 Military Rd, Lismore, New South Wales, Australia lindamathew29@gmail.com

#### 15 May 2017 08:53:34

### The Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected. I am an environmental scientist and understand the ramifications of such a project.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Linda Mathew

1 Military Rd, East Lismore NSW 2480, Australia

# Helen Austin

Rhodes Street, Hillsdale, New South Wales, Australia heli 25@hotmail.com

### 18 May 2017 21:10:08

# Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I OBJECT to this project and believe it should be TOTALLY REJECTED.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Helen Austin

Rhodes St, Hillsdale NSW 2036, Australia

# Peter Gleeson

Larapinta Drive, Namatjira, Northern Territory, Australia pgleeson@gleebuild.com.au

## 15 May 2017 08:57:08

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected as it is not in the national interest of our country nor the most appropriate industrial development to halt global warming to 1.5 degrees.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Peter Gleeson

Larapinta Dr, Namatjira NT 0872, Australia

# Kate Hook

1442 The Escort Way, Borenore, New South Wales, Australia hookkate1@gmail.com

#### 14 May 2017 19:32:58

# Please reject the Narrabri Gas Project. Starvation is a reality in a future with changing climate.

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

We are already living in an era of extreme weather events that destroy crops and livestock: heatwaves, drought, floods, cyclones and bushfires to name a few we have seen in frightening proportions in recent years.

To then destroy groundwater is to put at risk our ability to feed ourselves and to provide food to the countries we export to. Please look at the bigger picture.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Kate Hook

Mountview, 1442 The Escort Way, Borenore NSW 2800, Australia

# **Thorpe Thorpe**

Penrith thorpethorpe@broadbandsolutions.com.au

### 14 May 2017 19:37:33

## Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS, STOP THEM BEFORE THEY DO IRREVOCABLE DAMAGE... PLEASE!

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely.

Thorpe Thorpe

Penrith

1053.

# dimity ainsworth

28 Hamlyn Drive, Port Macquarie, New South Wales, Australia dimity.sinclait@gmail.com

#### 03:46:17 PM 03:46:17 PM

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected, there are better ways to provide energy to Australian homes.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

dimity ainsworth

28 Hamlyn Dr, Port Macquarie NSW 2444, Australia

# Pauline Fyffe

St Austell Ct, Croydon Hills, Victoria, Australia pollyfyffe@gmail.com

#### 14 May 2017 19:55:53

## Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I strongly object to this project and believe it should be rejected. Please consider my objection and that of many others. There are less destructive renewable energy sources that should be considered rather than doing this.

This project, if approved, would:

- Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Pauline Fyffe

St Austell Ct, Croydon Hills VIC 3136, Australia

# Michaelie Trenbath

8 Kent Street, Millers Point, New South Wales, Australia michaelie.trenbath@gmail.com

#### 14 May 2017 20:16:23

## Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

This project if it goes ahead would be devastating. Please do not proceed.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Yours sincerely,

Michaelie Trenbath

8 Kent St, Millers Point NSW 2000, Australia

# Sharon Kershaw

31 Morokai Grove, Lilydale, Victoria, Australia sharon.kershaw@hotmail.com

### 14 May 2017 14:20:51

## Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

I am totally against the use of fracking anywhere in Australia. It has been proven beyond a doubt that coal seam gas mining is deadly to the surrounding environment and waterways, to say nothing of getting rid of the waste.

Australians do NOT want it! We all vote, and our voices need to be listened to. Please do NOT approve this project.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Sharon Kershaw

31 Morokai Grove, Lilydale VIC 3140, Australia

# Jeremy Peachey

8 Trinity Drive, Goonellabah, New South Wales, Australia jezzness@intrnode.on.net

# 14 May 2017 14:21:28

## Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

The time for moral responsibility is now!

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Yours sincerely,

Jeremy Peachey

8 Trinity Dr, Goonellabah NSW 2480, Australia

# Michael Field

43 Fincham Crescent, Wanniassa, Australian Capital Territory, Australia wbf@net2000.com.au

# 14 May 2017 14:27:01

## Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

As far as I'm concerned, CSG extraction in this country is just not on.

I object to this project and believe it should be rejected.

I understand that this project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4, Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Michael Field

43 Fincham Cres, Wanniassa ACT 2903, Australia

# ray minter

1 goderich court tamworth rayber@bigpond.com

# 18 May 2017 07:24:25

what benefit is to us when risking the best farmland, when we are sellingthe gas of shore for 7cents a lt, when we pay 90 cents a lt at home, this soft country just makes the shortfall......Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

ray minter

1 goderich court tamworth

# Jocelyn Lawry

48 Bailey Avenue, Coffs Harbour, New South Wales, Australia jolawryid@bigpond.com

### 14 May 2017 14:30:18

# Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

It will destroy our country not only for us but for future generations!

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Jocelyn Lawry

48 Bailey Ave, Coffs Harbour NSW 2450, Australia



# **Emil Thomas**

26 Forest Road, Duns Creek, New South Wales, Australia emwax@yahoo.com.au

## 14 May 2017 16:03:25

## reject the Narrabri Gas Project and save our land for future generations

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

I believe in protecting our land for the future our kids. You do not have the right to take this away from them

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

**Emil thomas** 

Yours sincerely,

**Emil Thomas** 

26 Forest Rd, Duns Creek NSW 2321, Australia

# juliet Hobday

UK juliet.hobday@gmail.com

## 14 May 2017 16:06:34

## Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

We cannot afford to burn the Coal & Gas, so don't extract it.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

juliet Hobday

UK

# Nityabodhananda Saraswati

42 Tuckeroo Ave, Mullumbimby, New South Wales, Australia rishisonline@gmail.com

### 14 May 2017 17:54:47

## Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

It is vital for the long term viability of our rural and agricultural land that the submission for the Narrabri Gas Project be rejected..

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Nityabodhananda Saraswati

rishisonline@gmail.com

Yours sincerely,

Nityabodhananda Saraswati

42 Tuckeroo Ave, Mullumbimby NSW 2482, Australia

# **Dave Rawlins**

50 Tristran Parade, Mullumbimby Creek, New South Wales, Australia dave@corem.org.au

# 14 May 2017 16:53:34

## **REJECT the Narrabri Gas Project**

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

RE - submission to the Narrabri Gas Project EIS.

I STRONGLY object to the Narrabri Gas Project project and urge you to reject it.

I have many concerns that relate to this project. We must protect our land, our air, our water and our climate,

I object to this project as if approved, it would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Dave Rawlins

50 Tristran Parade, Mullumbimby Creek NSW 2482, Australia

# Karen Fletcher

110 Bridgemary Crescent, Girraween, Northern Territory, Australia frogdown@westnet.com.au

#### 14 May 2017 18:34:31

## Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

I weep for Australia's future

This project, if approved, would:

- Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Karen Fletcher

Yours sincerely,

Karen Fletcher

110 Bridgemary Cres, Girraween NT 0836, Australia



# **Fiona Kirton**

58 Tor View Avenue, Glastonbury, Somerset, England BA6 8ag feskirton@gmail.com

# 09 May 2017 17:16:39

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

I am an Australian Citizen currently living in the UK and I am appalled by the decisions the Australian government is making regarding its energy policies. A country with such abundant solar energy choosing dirty energy is not only illogical and damaging to future generations.

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Fiona Kirton (Austrlian Citizenc

58 Tor View Avenue, Glastonbury, Somerset, England BA6 8AG

# Bill Gresham

12 Liverpool St, Macquarie, Australian Capital Territory, Australia billgresham@gmail.com

#### 14 May 2017 18:59:31

## Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

My submission to the Narrabri Gas Project EIS.

CSG is a huge mistake and, in years to come, we will look back with profound, but futile regret that we so seriously degraded our soil, water and air with CSG.

I object to this project and believe it should be rejected. In fact, it shouldn't even be considered.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Bill Gresham

12 Liverpool St, Macquarie ACT 2614, Australia

# Catherine Barlow

27 Albany Street, Berry 2535 barlowpeach@gmail.com

# 22 May 2017 03:07:49 PM

# Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

We have abundant high quality natural gas off the north west shelf but are too lazy and disorganized to pipe it to the eastern states. Instead you want to rape and pillage our agricultural lands and destroy ground water supplies Everything is not about money We need clean air and water to survive Stop this madness.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Catherine Barlow



# Madonna Dorreboom

Walcott Street, Broome, Western Australia, Australia caprat2@gmail.com

#### 22 May 2017 01:06:18 PM

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected absolutely as it endangers our soil, water and all living things including humans for a dollar reward regardless of who benifits. The losses out way the benefits.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Madonna Dorreboom

Walcott St, Broome WA 6725, Australia

# Anne Spiteri

9/36-46 Anderson St, Alexandria. NSW annerob@bigpond.com

#### 22 May 2017 01:17:36 PM

# Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected. I support the local community, including the Gamilaraay people, in their opposition to this project.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Anne Spiteri

9/36-46 Anderson St, Alexandria, NSW

# Rosslyn Elliott

6 Durrumbul Road, Main Arm, New South Wales, Australia rosearth1@bigpond.com

### 22 May 2017 10:45:24 AM

## Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected. Water of GAB is going ok vital to be interferer's with in a recharge done. Koala habitat too precious to be destroyed.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Rosslyn Elliott

Unit 2/6 Durrumbul Rd, Main Arm NSW 2482, Australia

# Kelia Keogh

42 Mudfords Lane, Lansdowne, New South Wales, Australia bellingenwildfeather@yahoo.com.au

#### 22 May 2017 09:56:05 AM

# Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I DO NOT CONSENT TO THIS PROJECT GOING AHEAD IN ANY WAY, NOT EVEN IF THIS EIS WAS AMENDED IN ANY WAY. THE GREAT ARTESIAN BASIN AND OUR NATIONAL WATER SECURITY AND FOOD SECURITY IS OF PRIME IMPORTANCE. THIS IS OUR COUNTRY'S GREATEST NEED, AND THEREFORE SHOULD NEVER BE COMPROMISED BY A COAL SEAM GAS PROJECT - NOR ANY OTHER RESOURCE MINING PROJECT - AND ITS PROVEN ENVIRONMENTAL DAMAGE.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

# Kelia Keogh

42 Mudfords Ln, Lansdowne NSW 2430, Australia

# Ros Davis

401 Burra Rd, Googong, New South Wales, Australia elimbarialpacas@hotmail.com

#### 22 May 2017 10:21:15 AM

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected out of hand. The people of NSW will not benefit from this. It will cause much greater problems in the future, environmental, medical and economic. We will be judged very harshly by the future because of our greed for short term reward.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Ros Davis

401 Burra Rd, Googong NSW 2620, Australia

# **Bronwyn Cullen**

25 Shearers Close, Quedjinup, Western Australia, Australia bronzebooties@yahoo.com.au

### 22 May 2017 10:26:44 AM

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

Australian land and water is the future of the people and needs protecting from all contamination.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Bronwyn Cullen

25 Shearers Close



# Robyn Murphy

12/145 Roxburgh St, Stockton, New South Wales, Australia robynmurphy1@bigpond.com

### 22 May 2017 10:31:15 AM

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected. THERE ARE TOO MANY QUESTIONS THESE COMPANIES WILL NOT ANSWER, especially what chemicals are used to extract the gas, there is not enough information re the chemicals used, too many rivers that are on fire!

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Robyn Murphy

# Stephanie Luke

Bathurst NSW 2795 stephanieluke1@yahoo.com.au

#### 15 May 2017 19:54:22

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

Australia is an environmentally sensitive continent. South Australia is a good example of salt bush living with overly saline conditions and dry land. We do not have readily available food bowls like SE Asia. Stop this crazy nonsense.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Stephanie Luke

Bathurst NSW 2795

# Hamish Kentwell

23 Garden Avenue, Glen Huntly, Victoria, Australia hambone@dcsi.net.au

#### 21 May 2017 13:46:14

# Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I deeply and earnestly object to this project and believe it should be rejected because of the harm that it will cause,

If approved, this project would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Yours sincerely,

Hamish W. Kentwell

# Carlien Bannister

39 Osborn Terrace, Plympton, South Australia, Australia carlienb@chariot.net.au

#### 20 May 2017 10:22:40

I am deeply concerned that the Narrabri coal seam gas wells will cause devastation to our precious arterial basin, the clarity of sky vision at Siding Springs and produce billions of litres of salt water. Please reject the Narrabri Gas Project.

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Carlien Bannister

39 Osborn Terrace, Plympton SA 5038, Australia

# Joe Burns

1 Middleton Crescent, Bidwill, New South Wales, Australia joeblonski@hotmail.com

# 20 May 2017 14:15:48

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

The CSG extraction industry is a blight on the landscape & a totally unnecessary energy source.

Signed,

Yours sincerely,

Joe Burns

1 Middleton Cres, Bidwill NSW 2770, Australia

# Cathy Eggert

83 Capararo Rd Beechwood 2446 compostbiology@gmail.com

# 20 May 2017 14:55:06

# Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

The short term potential financial gain from this project is not worth the substantial long term risks.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Cathy Eggert

83 Capararo Rd Beechwood 2446

# Caitlin Fairchilde

54 Lakeside Crescent, Forest Lake, Queensland, Australia Dragonlilly75@yahoo.com.au

# 14 May 2017 21:15:05

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected. Please consider solar and wind instead. Thank you,

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Caitlin Fairchilde

54 Lakeside Cres, Forest Lake QLD 4078, Australia

- 1082

# **Brad Dunn**

Giangurra Esplanade, East Trinity, Queensland, Australia roysondunn@gmail.com

# 14 May 2017 15:28:35

#### Stop ruining our water tables

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I am an educated farmer and concerned citizen.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Brad Dunn



# Skye Etherington

Bega Valley Shire Council, Wallagoot Lane, Wallagoot, New South Wales, Australia skye@southernphone.com.au

# 14 May 2017 17:05:40

#### Please reject the Narrabri Gas Project and all coal seam gas

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin, which is a significant and ancient water storage system in the dry heart of this continent. It would draw water down from a water resource relied upon by rural communities across western NSW and Queensland from where it flows.
- 4. Lead to large and deliberate emissions of methane from venting and leakage, adding further to the impacts and dangers we are facing from climate change.
- 5. The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

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

Signed,

Yours sincerely,

Skye Etherington

Wallagoot Ln, Wallagoot NSW 2550, Australia

# Jeanette Parker

25 Wentworth Court, Karalee, Queensland, Australia santhorpe@hotmail.com

### 14 May 2017 17:13:19

# Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan. This is so much waste of a resource our future generations will need rely on, plus the huge amount of salt wasteturning our viable land into a scene from Mad Max!!
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife. How can anyone justify this waste. Individual small plot land owners can't clear their own land, Government can sign away our children's heritage at the stroke of a pen.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW. Bleed the land and kill off the farms for Profit, Shame!!!
- Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Jeanette Parker

25 Wentworth Ct, Karalee QLD 4306, Australia

# Monika Newman

87 Ninth Avenue, Loftus, NSW, Australia newman.monika@gmail.com

### 14 May 2017 15:50:45

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

We need to protect this precious commodity - not destroy it. Once it's gone it's gone!

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Monika Newman

# Joanna Lin

91 Dumaresq Street, Hamilton, New South Wales, Australia jokjl@yahoo.com.au

#### 14 May 2017 21:27:44

# Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I am a mother of two and am deeply distressed about the proposed coal seam gas project near Narrabri.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Joanna

Yours sincerely,

Joanna Lin

91 Dumaresq St, Hamilton NSW 2303, Australia



# Sarah Dudin

9 Odonnell Court, Warwick, Queensland, Australia skbuchanan@hotmail.com

#### 14 May 2017 21:27:50

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project will affect one of Australia's biggest primary producing areas and well as the livelihood of a great district. Please don't ignore the risk of ruining one of our greatest assets, water. Once it's gone and or intoxicated, there's no turning back. Please support our farmers, wildlife, unique Australian land and what they do for our production. Think long term sustainability as our farmers do not short term destruction!

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Sarah Dudin

9 Odonnell Ct, Warwick QLD 4370, Australia

# phoebe Havyatt

byron bay nsw phoebehav@hotmail.com.au

#### 14 May 2017 21:36:12

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

As a citizen of our beautiful country, I object to this project and believe it should be rejected.

It is my understanding that, if approved, this project would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Phoebe Havyatt

Yours sincerely,

phoebe Havyatt

byron bay nsw

# Nigel Tanner

282 Doncaster Avenue, Kingsford, New South Wales, Australia netanner@optusnet.com.au

#### 14 May 2017 23:17:11

### Please Do Not Approve the Narrabri Gas Project EIS

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

Please do not permit the destruction of Australia's resources for short-term profits which will probably go offshore.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Nigel Tanner

282 Doncaster Ave, Kingsford NSW 2032, Australia

# Linda Toshner

68 Thomas Street, Brighton East, Victoria, Australia Itoshner@iprimus.com.au

## 15 May 2017 11:30:00

# Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

Firstly, you can't eat or drink gas and I believe destruction of farmland, environment and drinking water would be the outcome of this project.

The project might add to Santos' profits but will it benefit Australia's general economy and taxpayers? Where's the proof? Secondly, this project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Linda Toshner

68 Thomas St, Brighton East VIC 3187, Australia

# Margaret Neith

2/10 Rigby Avenue, Carnegie, Victoria, Australia johnmarg@netspace.net.au

# 15 May 2017 13:04:16

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

The project will cause trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

This project, if approved, would also:

- Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

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

Signed,

Yours sincerely,

Margaret Neith

# frida kieninger

Av louis ceusters, 1150 Brussels fridafri@gmx.at

## 18 May 2017 22:59:46

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project, threatening communities, our health, the global climate and the regions environment, and believe it has to be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

frida kieninger

Av louis ceusters, 1150 Brussels

# Eliza-Jane Barnes

41 Daphne Street, Botany, New South Wales, Australia elizajaneable@gmail.com

### 19 May 2017 06:41:46

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected. Please focus on renewable energies. They are the future.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Eliza-Jane Barnes

41 Daphne St, Botany NSW 2019, Australia

# Sharon Wright

23 Campbell St, Taree, New South Wales, Australia sharonwright143@dodo.com.au

### 20 May 2017 16:10:34

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

Please consider the environment and reject any form of Coal seam mining for your children and grandchildrens sake

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

# Julie Klement Bruce

2456 jklementbruce@gmail.com

# 20 May 2017 18:05:54

## Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I strongly agree with this objection.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Julie Klement Bruce

Yours sincerely,

Julie Klement Bruce

2456

# Jacqui Telford

3B Jones Place, Waikiki, Western Australia, Australia skyfire jax@yahoo.co.uk

#### 20 May 2017 19:02:58

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

After years of negotiation, you are throwing these people back into oblivion.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable. Your ploy to increase profits is flawed, thanks to the current government who, by bad planning, is GIVING the resources of this country away to big corporations and gaining nothing for Australia. Creating more gas wells will not solve this problem. The people KNOW it is a load of bull!

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States. Australian Doctors have spoken out about the dangers of fracking and living in near gas miming. Agriculture is affected as well as people.

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

Signed,

Yours sincerely,

Jacqui Telford

3B Jones Pl, Waikiki WA 6169, Australia

# Peter Cook

29 Havelock Rd, Hawthorn East, Victoria, Australia peter.cook60@gmail.com

### 15 May 2017 21:46:32

## Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

Short term thinking leads to bad decision making. In the long term projects like this exhaust the natural resource as well as destroy a natural environment and valuable farm land. There are alternatives methods of delivering society's energy needs that good long term government planning could deliver.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Peter Cook

29 Havelock Rd, Hawthorn East VIC 3123, Australia



# **Quill Howard**

350 Willowite Road, Paraparap, Victoria, Australia quillwalker@yahoo.com.au

# 15 May 2017 06:39:46

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

I am deeply concerned about environmental impact this company has and continues have on our country.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Quill Howard

350 Willowite Rd, Paraparap VIC 3240, Australia

# Phil Loughhead

25 Culbara Rd, Electrona, Tasmania, Australia phil.loughhead@gmail.com

# 15 May 2017 10:00:53

## Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

Submission to the Narrabri Gas Project EIS.

Dear Sir/Madam,

I am writing to voice my objection to this project, and strongly believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Yours sincerely,

Phil Loughhead

25 Culbara Rd, Electrona TAS 7054, Australia

# Peter Nicholas

28 Jervis St, Nowra, New South Wales, Australia pnwillisn@gmail.com

# 15 May 2017 10:07:32

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

I see it as an attack on Australia by Santos and those supporting it as traitors

Signed, Peter Nicholas

Yours sincerely,

Petef Nicholas

28 Jervis St, Nowra NSW 2541, Australia

# Sue Hall

7 Maple Leaf Crescent, Point Cook, Victoria, Australia madhalls@bigpond.com

# 15 May 2017 11:02:43

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

I fear very much for this beautiful unique country that we live in, water is our most precious resource so that we can continue to produce the best food in the world. You are putting the future at risk for future generations, the loss of native flora and fauna. This greed and allowing foreign countries to come in and take what they want, and pay no tax, all the while telling working Australians that the we can't have the pensions and benefits we have worked for all our lives is an utter disgrace and criminal against the people of Australia. The "age of entitlement" is over is it? It seems the politicians are getting more than their fair share.

Signed,

Yours sincerely,

Sue Hall

7 Maple Leaf Cres, Point Cook VIC 3030, Australia

# **Belinda Pearson**

43 Lennox St, Hawthorn, Victoria, Australia belinda.pearson@bigpond.com

# 15 May 2017 10:55:40

# Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

I have just heard of the Narrabri Gas Project and am appalled at the repercussions which will follow such an invasion of the Pilliga Forest.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change,

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Belinda Pearson

43 Lennox St, Hawthorn VIC 3122, Australia

# Lynne Holian

13 James View Court, Coorabell, New South Wales, Australia westfiretwirler@hotmail.com

# 15 May 2017 10:52:41

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

We need a government who can understand the importance of the land and environmental protection for our future generations. We are tired of quick money made with little thought to the long term consequences. Please show some leadership in this area.

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

Signed,

Yours sincerely,

Lynne Holian

# Masti Adler

Namatjira Crescent, Orange, New South Wales, Australia mastitouchin@gmail.com

#### 15 May 2017 10:47:42

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected. I don't think coal seam gas is a viable energy source, as it does more harm than good. I want to see Australia invest in renewable energy sources, such as solar, wind and hydro energy.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Masti Adler

Namatjira Cres, Orange NSW 2800, Australia

# Pamela Thomas

Surrey Lane, Beechworth, Victoria, Australia pamelathomas@optusnet.com.au

### 14 May 2017 15:40:22

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

I urge the Government to reject this project and make the Great Artesian Basin recharge off-limits to gas mining and encourage New South Wales to follow Victoria's example .... no coal seam gas mining.

Please place a strong embargo immediately  $\dots$  think of the future of food production for the future.

Yours sincerely,

Pamela Thomas

Surrey Ln, Beechworth VIC 3747, Australia

**Helen Walne** 

8 Seventh Day Rd, Glen Huon, Tasmania, Australia hellsbellstas@bigpond.com

#### 14 May 2017 14:23:02

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

As a retired woman formerly from Western NSW and now living in Tasmania, I have seen our country devastated by ill-managed grazing methods causing environmental destruction and now the final blow is being encouraged and approved to sink wells and gas drills all over the Narrabri region.

This is a travesty and environmental carnage.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western N5W.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: 5antos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Helen Walne

8 Seventh Day Rd, Glen Huon TAS 7109, Australia



## Fabienne Drinkwater

Labrador 4215 fabiennedw@aapt.net.au

#### 14 May 2017 14:23:07

### Reject the Narrabri Gas Project, it is a crime against the environment!

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

I urge the Government to reject this project and make the Great Artesian Basin recharge off-limits to gas mining: CLEAN WATER IS THE MOST PRECIOUS RESOURCE ON THIS PLANET!!!

Signed,

Yours sincerely,

Fabienne Drinkwater

Labrador 4215



## Julya Ng

Lot 2 Yellowood Road, Tyalgum aumsita9@gmail.com

#### 14 May 2017 14:32:32

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

Australia is one of the driest country in the world, especially in the interior region. The Artesian Basin is our life-line in drought time, which happens quite often away from the coast.

I do not want to have my food imported from other countries which will happen if our food bowl is affected by contaminated water, land & gas as a result of CSG drilling. I'm sure you don't your children to grow up relying on imported food from dubious sources.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Julya Ng

Lot 2 Yellowood Road, Tyalgum

# **Lesley Day**

11007/8 Harbour Rd, Hamilton, QLD, Australia lesleyme.day@gmail.com

#### 14 May 2017 14:24:17

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

I would like to see my grandchildren inherit an inhabitable earth with a sustainable future

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

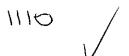
I urge the Government to reject this project and make the Great Artesian Basin recharge off-limits to gas mining to enable clean water supplies for future generations.

Signed,

Yours sincerely,

Lesley Day

8 Harbour Rd, Hamilton QLD 4007, Australia



# Len Hainke

Forest Cottage, Exeter Road, Sutton Forest lwppt1@gmail.com

#### 14 May 2017 14:48:03

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

The future of our energy supply is important, but this Narrabri Project is appalling. Please reject this proposal in favour of modern, non fossil fuEl energy.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

N5W should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Len Hainke

Forest Cottage, Exeter Road, Sutton Forest

(11)

#### Mac Ma

Pavilion Circle, The Vines comoma@runbox.com

#### 14 May 2017 15:08:52

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

The benefit if there is any will be a short term gain, while the cost will outweigh the gain and at great cost to the community for many generations.

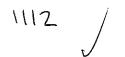
I urge the Government to reject this project and make the Great Artesian Basin recharge off-limits to gas mining.

Signed,

Yours sincerely,

Мас Ма

Pavilion Circle



## Janos Ertz

695 Pinchin Road, Goolmangar, New South Wales, Australia janos@antmail.com.au

#### 14 May 2017 14:34:49

## Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm. Renewable technologies have been shown to generate more long term employment and make more economic and environmental sense.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the N5W Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

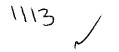
I urge the Government to reject this project and make the Great Artesian Basin recharge off-limits to gas mining. As a farmer, I completely reject that coal seam gas mining is compatible with any form of agriculture.

Signed,

Yours sincerely,

Janos Ertz

695 Pinchin Rd, Goolmangar NSW 2480, Australia



## Patricia Hunt

9 Madeline Court, wynn vale sa 5127 pahunt@adam.com.au

#### 14 May 2017 14:49:37

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

Please dont destroy our farming & agriagriculturali land.

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Patricia Hunt

9 Madeline Court, wynn vale sa \$127

1114



# John Jameson

17 Kimberley Avenue, Lane Cove, New South Wales, Australia johnr.jameson@gmail.com

### 14 May 2017 15:10:22

## Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 3S billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 2. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

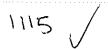
I urge the Government to reject this project and make the Great Artesian Basin recharge off-limits to gas mining.

Signed,

Yours sincerely,

John Jameson

17 Kimberley Ave, Lane Cove NSW 2066, Australia



## Helen Rosenbaum

645 Panrock Reservoir Road, Black Range, Victoria, Australia hrose@vic.chariot.net.au

#### 14 May 2017 14:49:58

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

Australia and the rest of the world are already experiencing the effects of climate change due to anthropogenic sources of green house gases. For the sake of current and future generations governments must prioritse and encourage the development of renewable energy sources. Ventures such as the Narrabri Gas project must be rejected not only because it continues to foster dependence on fossil fuels but also because of significant methane emissions that will result from from venting and leakage.

In addition, this project, if approved, would:

- 1. Extract over 3S billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.

These impacts would place the agriculture and ecosystems of the area at risk.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

I urge the Government to apply the precautionary principle reject this project. Australia does not need to place rural economies, the health and well being of communities and the unique ecology of the Pilliga at risk. Please make the Great Artesian Basin recharge off-limits to gas mining.

Signed,

Yours sincerely,

Helen Rosenbaum

645 Panrock Reservoir Rd, Black Range VIC 3381, Australia

**Colin Cassells** 

3 Amys Grove Donvale Vic 3111 lizandcass@gmail.com

#### 14 May 2017 15:10:01

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: 5antos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

N5W should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned 5iding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

I have seen evidence of the social, environmental and economic harm coal seem gas exploration and extraction causes, am concerned at Santos continuing this destructive practice, and object to the Narrabri Gas Project.

Signed,

Yours sincerely,

Colin Cassells

3 Amys Grove Donvale Vic 3111

1117 1/2

## **Max Groves**

312 Left Bank Road, Mullumbimby Creek, New South Wales, Australia max.groves11@gmail.com

#### 14 May 2017 14:27:28

## Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 3S billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost S00,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

As A Citizen of Australia, I object to the proposed gasfields at Narrabi!

The proposed 42S well pads and 8SO fracturing wells, in this small area, would be detrimental to water quality in NSW, VIC, SA

The quality of life for humans, flora and fauna would decline if this went ahead, as the great artesian basin is the largest aquifer in Australia and the headwaters to the Murray darling river system (Australias largest river system!) Farmers, land owners, and indigenous would be first impacted by low water quality for crops and to drink, consumers of food would all be negatively impacted. Surrounding property values would sink.

The UN, Universal Declaration of Human Rights (UDHR). Human rights act also entitles all people to clean drinking water!

Clearly it is not a good idea for Australia, Hence i Object to the proposed plan.

Signed,

\* 1117 2/2

Yours sincerely,

Max Groves

Bindarri, 312 Left Bank Rd, Mullumbimby Creek NSW 2482, Australia



# fiona musgrave

unit 16, 38Continental rd, glenorchy, hobart, tasmania. f.musgrave@hotmail.com

#### 14 May 2017 14:27:54

## Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I am concerned over the lack of spiritual committment for living in balance with the land.

I am concerned over the lack of ethics involved, particually in monetary gain, which is not equally divided for the people of Australia, not even for residents of Narribri and certainly not for the traditional caretakers of that land, nor for the workers involved!

Therefore;

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 3S billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

fiona musgrave

unit 16, 38Continental rd, glenorchy, hobart, tasmania.

1119

## **Daniel Guthrie**

Nankeen Approach, Dudley Park, Western Australia, Australia daniel.g@westnet.com.au

#### 14 May 2017 14:52:12

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

I care for the environment, and I vote!

This gas project is environmentally unfriendly to say the least!

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Daniel Guthrie

Nankeen Approach, Dudley Park WA 6210, Australia

1120

# **Kay Deaves**

1/8a Wyman Street, Brassall, Queensland, Australia kaydeaves@gmail.com

#### 14 May 2017 14:38:20

## Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

Are you people out of your mind? It is unthinkable that you would subject the local people and our land and water to such devastation. I have relatives that live in this area and I can only imagine how horrifying this project must be for them. This country of ours should be preserved for generations to come.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 3S billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Kay Deaves

1/8A Wyman St, Brassall QLD 430S, Australia

# **Rosemary Jacob**

47/11 Waratah Crescent, Fannie Bay, Northern Territory, Australia rosemaryjacob@ozemail.com.au

#### 14 May 2017 14:53:53

## Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

Above all else, mankind's activities are harming the environment for which the impact will be felt by our children and their children. We owe it to those future generations to restrict actions which irreparably damage the world they will inherit.

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

Signed,

Yours sincerely,

Rosemary Jacob

47/11 Waratah Cres, Fannie Bay NT 0820, Australia



## Victoria Ross

6 Pacific St, Kiama, New South Wales, Australia victoriabross@gmail.com

## 14 May 2017 14:53:57

#### We as a Nation must reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

Along with so many other aware people I strongly believe we must prevent this barrage of gas wells to occur on the rich and beautiful Liverpool Plains which are relied upon to grow food for this Nation!

I spent several days in the district during the harvest festival last year protesting en masse against this travesty.

Our government is truly a disgrace to be considering this disgraceful extensive blight on our rich plains never to be resurrected once the drilling takes place.

The danger to the population of humans and koalas is vast also.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 3S billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Victoria Ross

6 Pacific St, Kiama NSW 2533, Australia

1123 1/2 /

## Genevieve McGuire

5Truran Close Hornsby NSW 2077 genevieve.mcguire@gmail.com

#### 22 May 2017 06:15:5S

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

Whilst the current financial benefits for proceeding with this gas extraction process may be well documented, and potentially of use to substantiate a decision, past experience establishes the criteria are too narrow. There are dependencies and future consequences that have not been enumerated. For example, what arrangements are in place to supplement lost income due to contaminated water and demise of rural and regional business communities. Primarily, what provisions are in place to guarantee zero disruption to the natural environment? ? What costings for irreplaceable eco-systems assets are included in the EIS and project management plans?

Australia cannot afford to self-insure against wholesale damage to the environment, established farming and small to medium businesses and the future health of our people.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

1123 2/2

Genevieve McGuire

5Truran Close Hornsby NSW 2077

# Aylee Rankine

3872 Wingham Road, Comboyne, New South Wales, Australia ayleebrooke@gmail.com

#### 21 May 2017 19:50:25

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected. The public have spoken loudly against it, and the fact it has reached this point is disheartening and disgusting.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife and a koala population that is already struggling.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Aylee Rankine

1125 1/2

## Kim Burke

24 Rhondda Road, TERALBA NSW 2284 kim.m.burke@gmail.com

22 May 2017 01:55:02 PM

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people. Further, it also impacts upon the spiritual, cultural and social life of all Aboriginal people, as this area and the Artesian Basin are intimately connected to ALL Aboriginal people, and is integral to the continuations, connections and maintainance of their Dreaming and Songlines.

The project is not justified: 5antos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the N5W Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States which has resulted in many states now banning the process.

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

Signed,

Kim Burke

Yours sincerely,

Kim Burke

24 Rhondda Road, TERALBA NSW 2284



# **Heather Drayton**

370 Old Cob-O-Corn Rd, Horse Station Creek, New South Wales, Australia heather@darcydrayton.com

#### 21 May 2017 20:00:54

#### Narrabri Gas Project is a NO GO!

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 3S billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Lets just pretend that you are going to read this, and give a damn... So sick of short term monetary policy winning over long term common sense and environmental science.

Signed,

Yours sincerely,

Heather Drayton

370 Old Cob-O-Corn Rd, Horse Station Creek NSW 2474, Australia

1127 1/2

## **Kerrie White**

Yabba Street, Ascot, Queensland, Australia cktwhite@bigpond.net.au

#### 22 May 2017 02:01:15 PM

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

I have not seen or heard ONE good report on the outcome and/or effects of CSG extraction. Please, for once, take a look at what's happening in other parts of the world and learn by the mistakes of others.

The negative impact of continuing these activities will be felt long after the profits have been spent.

Think about it personally for just a minute or two. Do you know enough about the long term effects of CSG extraction and the impact on the environment, that you would honestly bequeath this land to your grandchildren? And then think about this piece of land as the whole planet. Be brave and say no, CSG will not happen here. Please...please.

thankyou, Kerrie

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Kerrie White

Yabba St, Ascot QLD 4007, Australia

1128

# **Gregory Patrick**

Uangra, Gulargambone Road, Bourbah, New South Wales, Australia uangra05@yahoo.com.au

#### 20 May 2017 12:11:23

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

Please think of the mental health issues and well-being of all

concerned, that don't want CSG.. Gas Wells are numerous in

QLD, spoiling not only environments, including water, but great views of what was once a great State.. Look at what's happening in Toowoomba as a governing body rejects CSG mining like Victoria..

We are a small P/Ship on the edge of a proposed pipeline, that don't need any other distractions, as we already struggle to cope with droughts, floods, Flies year after year and trying to make a reasonable

living as well..

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New 5outh Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

N5W should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

**Gregory Patrick** 

Uangra, 3869 Gulargambone Rd, Bourbah NSW 2828, Australia

1129 1/2

### **Bruce Derkenne**

459 Dalwood Road, Leconfield, New 5outh Wales, Australia derk22@hotmail.com

#### 22 May 2017 02:06:35 PM

#### Please reject the Narrabri Gas Project

Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

My submission to the Narrabri Gas Project EIS.

We live in changing times and my main concern is that the risks mentioned below are not worth the uncertainty of the future world energy market.

Like many fossil fuel projects it may become a stranded asset which would be left to the public purse to remidiate.

We should terminate all new future fossil fuel projects and progress directly to a renewable energy future.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Bruce Derkenne

459 Dalwood Rd, Leconfield NSW 2335, Australia

1130 1/2

## John Brentnall

9 The Gables, Berry, New South Wales, Australia pradorider@me.com

#### 21 May 2017 21:29:34

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected. The dangers associated with the extraction of CSG are deeply problematic:

- \* It is a threat to farm land, aquifers, forests and wilderness areas;
- \* It requires the use of large amounts of water;
- \* It uses many dangerous chemicals;
- \* It produces vast quantities of polluted water and

salt;

- \* It produces "rogue gases" and
- \* It contributes to climate change.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large, deliberate emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable, and ultimately cheaper, renewable energy, rather than by letting Santos inflict more environmental, social and economic harm.

The Santos proposal would:

- \* cause economic upheaval in Narrabri:
- \* put agricultural industries at risk, and
- \* cause light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

1130 2/2

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the prospect of the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

lurge the Government to reject this project. Please make the Great Artesian Basin recharge off-limits to gas mining.

Signed,

Yours sincerely,

John Brentnall

9 The Gables, Berry NSW 2535, Australia

1131 1/2/

# Ally Colwell

"Bulgah" Coonamble NSW 2829 ally.colwell@hotmail.com

## 21 May 2017 21:38:29

## Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

The proposed gas wells and pipeline in the Pilliga Forest is going to damage our land. Our land. We don't want it to destroy the forest, which is home to so many wildlife species important to the ecosystems we as humans live in. We don't want it to destroy our farming land. It may not look like much to you but to us it is everything. It's our homes and our livelihoods and we can't lose it. What will we do then? Who will feed the country? The world? My family property has been owned by us for 6 generations, I want it to make it to 7 and 8 and 9 and 10 and STILL be able for it to be worked, not just a barren block of land where my children can't play or explore. We need to think of the future and the consequences these gas wells and the pipeline will have because they will be detrimental, we have seen it happen. We cannot focus on the quick fix of money or jobs. What will be the use of money and jobs when farming land is no longer profitable and is providing less and less for the community. No amount of money will stop the destruction and heartache caused by the depletion of the GAB. As a society we are coming so far with the aspect of mental health, when you potentially take away someone's home, livelihood and families, the results are dismal. This water keeps farms and the Pilliga forest going as well as businesses who work with and for them.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New 5outh Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: 5antos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Ally Colwell

"Bulgah" Coonamble NSW 2829

1132 1/2

# **Rohan Langford**

Crown Street, South Lismore, New South Wales, Australia rohan@realartworks.org

### 22 May 2017 02:10:36 PM

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

In my view any mining project that presents such a threat to the great artesian basin is not in the long term interest of sustainable agriculture and food production in this country. If we want to make jobs, there are far better and easier ways to make more jobs in this country than in the unconventional gas mining industry.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

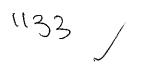
I urge the Government to reject this project and make the Great Artesian Basin recharge off-limits to gas mining.

Signed,

Yours sincerely,

Rohan Langford

Crown St, South Lismore NSW 2480, Australia



## **Andrew George**

22 Valley Road, Springwood, New South Wales, Australia jenny22andrew@bigpond.com

#### 15 May 2017 21:15:12

## Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

In very blunt terms, what is it about facking and the disastrous irreparable damage that it does to our environment that you don't understand?

A total ban Australia wide is in order.

Signed,

Yours sincerely,

Andrew George

22 Valley Rd, Springwood NSW 2777, Australia

#### TOM AND CAROLYN LYONS

"Parmedman" GULARGAMBONE NSW 2828 parmedman@bigpond.com

#### 20 May 2017 13:43:05

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

You intend to take our water, our farming land, our homes and our health by going ahead with this project. You have no right!

Who is going to feed the nation if you and your cronies continue to erode our lives, our land and our health?

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

Signed,

Yours sincerely,

TOM AND CAROLYN LYONS OAM

"Parmedman" GULARGAMBONE NSW 2828

## **Tom Hunt**

141 The Esplanade, Oak Flats, New South Wales, Australia hunttomj@gmail.com

#### 15 May 2017 11:43:13

#### You must reject the Narrabri Gas Project for our childrens sake

Attention: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39, Sydney NSW 2001

Submission to the Narrabri Gas Project EIS.

This project must be rejected.

Climate Change is real, and very serious. If we do not stop burning fossil fuels very soon, our planet will continue warming well beyond the safe level for our society.

Existing mines and wells have more than sufficient supplies to take us well past the 2 degree limit agreed to in Paris. Developing more gas wells is ethically, environmentally and economically unsound.

The Australian Conservation Foundation's case for halting further fossil fuel projects on ethical grounds was dismissed in the courts because such laws are not based on ethics. Some politicians claimed it "was equivalent to saying that Saudi Arabia needs to take responsibility for the emissions from Australian motorists using their oil." Well quite frankly, since the Saudis now know the full consequences of their oil being burned, they should be taking part of the blame. They are profiting from the Earths demise after all! Perhaps there is no law prohibiting the sale of arms to your enemy, but I sure as hell don't want to be the one doing it, do you?

And the destruction to our land this project would bring is horrendous

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Tom Hunt

141 The Esplanade, Oak Flats NSW 2529, Australia

## Ian Edwards

109 St Johns Rd, Glebe, New South Wales, Australia iaewrs@gmail.com

#### 14 May 2017 14:41:56

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected as agriculture should have preference over fossil fuels which when burnt exacwebate the problems of global warming.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Ian Edwards

109 St Johns Rd, Glebe NSW 2037, Australia

1137 1/2

## **Anne GRaham**

791 Gleniffer Road, Gleniffer, New South Wales, Australia annegrhm@bigpond.com

#### 14 May 2017 14:22:33

## REJECT this natural gas project - its time for COMMON SENSE

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

You know what this is about .

This is about whether your children, grandchildren, great-grandchildren, your whole line of descendants, will be able to drink clean water and breathe clean air.

Just imagine one of your grandchildren are on "Who Do You Think You Are?" and they discover what one of their grandparents was responsible for?

Oh, its not fair to get personal? Well its personal enough for everyone whose lives and health and jobs are affected by your project.

Planning to disregard all the emails that have come your way because people have only had time to click and send, and not write anything themselves?

Mistake . Big Mistake.

Use your common sense and listen to your conscience . Please. Thank you.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost S00,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

1137 2/2

Yours sincerely,

Anne Graham

791 Gleniffer Rd, Gleniffer NSW 2454, Australia



# **Martin Wesley-Smith**

270 Green Valley Rd Beaumont NSW 2S77 mwsmith@shoalhaven.net.au

### 14 May 2017 14:43:SS

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project with every fibre of my being. I believe it would:

- 1. Create massive problems with salt waste which would have nowhere to go;
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife;
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW; and
- 4. Lead to large emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

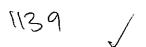
Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Yours sincerely,

Martin Wesley-Smith

270 Green Valley Rd Beaumont NSW 2S77



## **Yvonne Lynton Reid**

24 Banning Road, North Warrandyte, Victoria, Australia vvre@virtual.net.au

#### 14 May 2017 17:56:56

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected for all the well-documented reasons given below, and because of the increasing awareness of the disastrous potential as we see more wrecked groundwater, "bubbling" waterways and desecrated forests. This is GREED destroying not only this part of NSW, but ultimately if such projects continue unchecked, the planet as we know and rely on it.

I am seventy-six years old and have witnessed such destruction at first hand, always to serve the interest of some multinational company and its upper echelons of personnel.

This project, if approved, would:

- 1. Extract over 3S billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: 5antos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting 5antos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Yvonne Lynton Reid

24 Banning Rd, North Warrandyte VIC 3113, Australia

## **Beris Hansberry**

313 lottah rd , Goulds country , Tas 7216 bjhansberry@gmail.com

14 May 2017 16:23:31

## Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 3S billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost S00,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

I find it so hard to understand why this government is allowing this project to be even considered

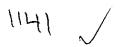
Australia is becoming both the quarry , poisoned water and the waste dump for the world !!

Signed,

Yours sincerely,

Beris Hansberry

313 lottah rd, Goulds country, Tas 7216



## **Paul Price**

461 McIntosh Creek Rd, McIntosh Creek, Queensland, Australia scnatives@bigpond.com

#### 14 May 2017 17:59:34

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost S00,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States. Take a look at the detrimental effects of fracking in china and other countries and don't make the same mistakes again.

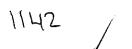
I urge the Government to reject this project and make the Great Artesian Basin recharge off-limits to gas mining.

Signed,

Yours sincerely,

Paul Price

461 McIntosh Creek Rd, McIntosh Creek QLD 4S70, Australia



## **Giselle Barlow**

Lindfield NSW 2070. barlows4@aapt.net.au

#### 14 May 2017 18:00:53

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

Coal seam gas is harmful to health. The NSW Government's role is to protect the health of their constituents, our arable land and our water. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

Therefore I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost S00,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

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

Signed,

Yours sincerely,

Giselle Barlow

## **Valerie Curtis**

21/3 Wilks Street, Caulfield North, Victoria, Australia vcurtis@bigpond.net.au

### 14 May 2017 23:14:24

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

My own feeling are exactly as expressed in the following words. So please take this as a personal messag from me

Val Curtis.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 3S billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost S00,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Valerie Curtis

21/3 Wilks St, Caulfield North VIC 3161, Australia

### **Trevor Shiell**

10 Brunonia Rd, Connellan, Northern Territory, Australia trevor.shiell39@gmail.com

#### 15 May 2017 08:26:11

This nis rediculous and heading Australia in thew wrong direction for short term gains. Experience in the USA shows smalltowns such as Narabri with hundreds of abandoned infrastructure left behind, and previus productive agricutural land left useless and the town un livable. This is the thin edge of tghe wedge. PONe country in Europe runs its whole railway system on wind generated electricity and we are so far behind. Palmer wanted to get his hands on 600 million tonnes of coal under the Simpson Desert and one has toask what next. The short term gas shortage in the Eastern states cound have been prevented by thoughtful foreward planning not greed. Please reject the Narrabri Gas Project

#### Trevor Shiell

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Trevor Shiell

10 Brunonia Rd, Connellan NT 0873, Australia

Damon Crewdson

Lisson Grove, Hawthorn, Victoria, Australia damon.crewdson@astrazeneca.com

#### 15 May 2017 08:26:58

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

Quite clearly this is going to have a major impact on the environment and agriculture. Once again the government is putting big miners ahead of the people.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

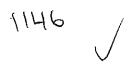
I urge the Government to reject this project and make the Great Artesian Basin recharge off-limits to gas mining.

Signed,

Damon Crewdson.

Yours sincerely,

Damon Crewdson



## **Emrys Jeffreys**

Cedar Ridge Road, Kurrajong, New South Wales, Australia twlldubs@yahoo.com

#### 14 May 2017 23:16:59

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract, free of charge, over 35 billion litres of fresh water to inject into the wells in the fracking process. When this water has circulated back to the surface it will be heavily polluted by salt and the chemicals used in the fracking process. The polluted water will be collected in very large ponds, much of it in the first five years. This water will be treated to an undisclosed standard before being disposed of in an undisclosed manner. The total concentrated effluent from the treatment process will contain almost 500,000 tonnes of salt plus the fracking chemicals, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large emissions of methane from venting and leakage.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in reliable critical coal-fired power generation, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

**Emrys Jeffreys** 

Cedar Ridge Rd, Kurrajong NSW 2758, Australia

1147 1/2

## ann golledge

PO Box 920 Lightning Ridge NSW 2834 anngolledgeart@bigpond.com

15 May 2017 08:28:11

Please reject the Narrabri Gas Project

**Attention Department of Planning** 

My family and ancestors have lived in this country since the turn of the century. I was raised in this country along with 8 brothers and sisters. When i walk on this country and see and feel the earth i feel blessed to say this is sacred land. This is the home and habitat of bird and emu and all creatures who reside in this palace of paradise. This is the land i paint this is real heartland.

My whole body retracts and recoils like mother earth does when i see the brutality and carnage of csg mining. I have experienced the hot water that people enjoy at the bore baths ..healing and therapeutic. people come for miles to be in this unique water from the artesian basin. DONT Turn away from the devastating repercussions of actions that are destroying natural habitat and human environment. The diminished creeks and rivers are proof of the sickened state of overground water...where icaught yabbies and yellowbelly and cod with my family...leaves me with a sad option only to buy fish

from the freezer section at the shop stamped foreign asian country. Wherehas Australia gone where has sensibility gone where has our clean water gone where have the birds gone....the only water left will be the crying pits of disaster and tragedy where all the big drilling machines will cave in the porous ground and be buried like the death of this country...rehabiltate not devastate. Wake up and breathe the air...wakeup to what we have...tread softly on this land...like the emu with her soft padded slippers...i call out to all mothers of babies and fathers to rise up and be not complacent...dont suffer in silence be a voice for future generations ...for the animals...for the king parrot and migratory birds. Learn from the wrong choices of devastation to this earth motivatedby greed. Our wealth is not about stuff that is fleeting and self satisfying and winning. The county loses .... the country dustbowl ....a soup of toxic scum of gas bubbling the putrid surface of animals submerged in mud and sludge of emu mindless and thirsty. What kind of australia is this? Do we want to eat from this table? When our throats are dry and parched and the plastic water bottles are creating more pollution...will our precious water be valued then...will we try to undo and try to purify the sludge....too late mate..wake up Australia . Open your eyes mind conscience and heart to making a difference. 5ay No to Gaslands Say Yes to Bushlands!!!

#### Ann

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost \$00,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.

1147 2/2

- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

ann golledge

PO Box 920

Lightning Ridge

## **Elaine Jeffery**

5/1 McKinna Rd, Christie Downs, 5A, Australia eljane@rawrberry.com

#### 15 May 2017 08:35:54

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Our underground water is a precious resource which is needed for our survival and food production during droughts, which could be more frequent and longer due to climate change.

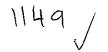
Please reject this application. This is not a hazard free process.

Signed,

Yours sincerely,

Elaine Jeffery

Christie Downs SA



### Jade Mas

18 Tassel Road, Cowaramup, Western Australia, Australia iademas@icloud.com

#### 14 May 2017 23:32:08

#### Reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

There are better and environmentally safer options. You know this, we all know this! Please Do not be brought out. Times are changing.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New 5outh Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

N5W should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

5igned,

Yours sincerely,

Jade Mas

18 Tassel Rd, Cowaramup WA 6284, Australia



## Jan Robbins

Kambah Pool Road, Kambah, Australian Capital Territory, Australia jrobbins@netspeed.com.au

#### 15 May 2017 08:34:02

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and argue that it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of the damage occurring in the first five years. This water will be treated, which will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, which is currently habitat to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- Lead to large deliberate emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not economically justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

The NSW Government should respond to this request from Santos by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

This drilling will cause economic upheaval in Narrabri, where it will put established agricultural industries at risk.

In addition, it will cause light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Further. Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

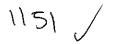
I urge the Government to reject this project and make the Great Artesian Basin recharge off-limits to gas mining.

Signed,

Yours sincerely,

Jan Robbins

Kambah Pool Rd, Kambah ACT 2902, Australia



## john brennan

wombarra
johnnybrennan12@gmail.com

#### 14 May 2017 18:09:52

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1a. Gas is plentiful, (parliamentary chambers should be tapped to harvest much methane and other hot gasses emitted during question time), however, arable lands, fresh water and endangered wildlife ARE NOT
- 1. Extract over 3S billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost SOO,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

john brennan

wombarra



2077 nutmeg@iinet.net.au

#### 14 May 2017 16:36:24

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

As an older Australian, I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan. We know from the history of farming in the Riverina what saline extraction does to Australian native flora and farming land. We should not be tampering with our precious aguifers!
- 2. By clearing close to 1,000 hectares of the Pilliga Forest, Santos will be fragmenting the largest temperate woodland in New South Wales, home to unique wildlife. This is a precious ecosystem that may never revover from such damage and it will be a bio resource lost forever!
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW. To do so is sheer lunacy and greed! A short sighted short term grab for dollars. Such action will certainly spell the demise politically of the Coalition in country areas!

A federal election is on the horizon and the state election is less than 18 months away.

4. Santos' actions will lead to large deliberate emissions of methane from venting and leakage, adding to climate change. While not large compared to other countries Australia did contribute to the Kyoto Protocol. Every such action diminishes our credibility in the eyes of the world.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people. This is historically and someone would argue, still legally, THEIR land. They have safeguarded it for over 40,000 years and we are pillaging it in less than S years!

The project cannot be justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Melinda Parkin

Yours sincerely,

Melinda PARKIN

2077

(153 ./

## **Angela Halpin**

1401 Daylesford-Trentham Road, Lyonville, Victoria, Australia angela.jane61@gmail.com

#### 14 May 2017 18:15:19

## Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

lt will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the N5W Government nor 5antos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

Farmers across Australia, like my family, are at a total loss why the clean green Australian agricultural reality is being ruined. We consider approval of this project constitutes criminal damage by the 'Responsible Authority' to our farming land and water resources.

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

Signed,

Yours sincerely,

Angela Halpin

1401 Daylesford-Trentham Rd, Lyonville VIC 3461, Australia



### Leon Smith

20 The Rampart, Castlecrag, New South Wales, Australia leon.smith@bigpond.com

#### 14 May 2017 16:38:33

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

I currently live in Sydney, but spent much time in the Pilliga as a youth and young adult. It is a unique area - it should be protected, not exploited.

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 3S billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Leon Smith

Yours sincerely,

Leon Smith

20 The Rampart

## Rhonda Benfer

165/120 North Creek Road, Ballina, New South Wales, Australia rhondabenfer@yahoo.com.au

#### 14 May 2017 16:38:58

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected for the sake of future generations. Please act responsibly when making any decisions on this project.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor 5antos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

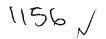
I urge the Government to reject this project and make the Great Artesian Basin recharge off-limits to gas mining. What more can be said to convince the government to stop this damaging unhealthy mining. I sincerely feel saddened you are allowing coal seam gas to go ruin our beautiful country.

Signed,

Yours sincerely,

Rhonda Benfer

120/165 N Creek Rd, Ballina NSW 2478, Australia



## Nikki Treanor

Woodbury Place, Wollongbar, New South Wales, Australia ntreanor33@yahoo.com.au

### 14 May 2017 16:40:33

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project ElS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting 5antos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

This is corporate greed at it's worst. No company has the right to exploit the environment for profit using toxic methods that damage our ecosystems. Especially water.

This greedy farsighted corruption needs to stop now.

How much is enough?

How do these people sleep st night.

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

Signed,

Nikki Treanor

Teacher, concerned citizen and parent to a generation that fear a threatened future.

Yours sincerely,

Nikki Treanor

Woodbury Place, Wollongbar, New South Wales, Australia

## **Amanda Stewart**

550 Crown Street, Surry Hills, New South Wales, Australia acss@ozemail.com.au

#### 14 May 2017 14:40:22

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

NB: Please keep my name and contact details confidential.

Thank you for the opportunity to comment in regard to the Narrabri Gas Project EIS.

I strongly object to this project due to the impacts on water and aquifers in NSW that it would impose, if approved, as well as its potential to irrevocably damage our environment, the Great Artesian Basin and the Pilliga Forest. It has recently been revealed that the Australian taxpayer receives little or no benefit from multi-nationals like Santos exploiting our gas resources and, in fact, these companies have actually contributed to higher gas prices and significant energy problems in Australia as they sell the gas offshore. Like many other taxpayers, I remain very angry about this.

I believe that this project should be rejected now and for the long-term.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the N5W Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Thank you for considering my submission.

Signed,

Yours sincerely,

Amanda Stewart

(158

John King

31 Steel Rd, Emerald, Victoria, Australia john.king@y7mail.com

#### 14 May 2017 14:55:35

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the N5W Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

I IMPLORE YOU AS OUR POLITICAL REPRESENTITIVE'S TO PROTECT US AND OUR CHILDREN FROM THE GREEDY, SHORTSIGHTEDNESS OF THESE MINING COMPANIES. PLANET EARTH NEEDS YOU TO MAKE THE RIGHT DECISION.

Signed,

Yours sincerely,

John King

31 Steel Rd, Emerald VIC 3782, Australia

## **Kerry Ferrari**

69 Drayton Street, Bowden, South Australia, Australia 9kefet9@gmail.com

#### 14 May 2017 15:14:40

## Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney N5W 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 3S billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed.

Please please don't let it go ahead.

Yours sincerely,

Kerry Ferrari

69 Drayton St, Bowden SA 5007, Australia

1166 /

## Caroline de Jongh

45 Hebburn St, Hamilton East, New South Wales, Australia cdejongh@bigpond.com

14 May 2017 15:37:50

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

Regarding the Narrabri Gas Project EIS, I wish to lodge my objection to the project and believe it should be rejected on the following grounds:

- 1. it would extract over 35 billion litres of salt laden groundwater, much of it in the first five years with the treated water generating almost 500,000 tonnes of salt waste, for which there is no safe disposal plan;
- 2. the Pilliga Forest, fragmenting the largest temperate woodland in New 5outh Wales, home to unique wildlife would be endangered;
- 3. the water which is drawn and relied upon by many rural communities in Western New South Wales would be compromised by a drill through of the Great Artesian Basin acquifier; and
- 4. increased emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Caroline de Jongh

45 Hebburn St, Hamilton East NSW 2303, Australia

### Donna Brown

17 Roselea Court, North Boyanup, Western Australia, Australia donna4fraser@bigpond.com

#### 14 May 2017 15:16:33

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the N5W Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

\*I would like to see Government protect our land and the people as water is our most precious resource. Risking the integrity and quality of the Great Artesian Basin is, in my opinion, a disgrace and totally irresponsible.

Sìgned,

Yours sincerely,

Donna Brown

17 Roselea Ct, North Boyanup WA 6237, Australia



## John Dyer

PO Box 87 Dorrigo 2453 NSW treetops.119@bigpond.com

### 14 May 2017 15:19:05

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

Coal seam gas drilling through aquifers has proven to be a disaster in America, with water coming from household taps catching fire. No procedure so far has proven this type of drilling will not contaminate the water resources that are so essential for our survival and our future generations survival.

Would you like your name to be placed amongst those that contaminated the greatest water resource in Australia? Because those responsible will be named one day, and your family will hang their heads in shame if this goes ahead.

This project, if approved, would:

- 1. Extract over 3S billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

John Dyer

PO Box 87 Dorrigo 24S3 NSW

**Peter Green** 

31 Taronga Way, Faulconbridge, New South Wales, Australia misc@pwgreen.id.au

14 May 2017 15:17:36

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS. Thank you for the opportunity to register my disapproval of this proposal. The project would not be in the national interest, and should be rejected. It is time for this country to stop placing short term financial interests ahead of environmental or farming conservation.

According to published data, the project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan. As with so many fossil fuel projects that have been proposed or implemented over recent years, adaptive management seems to be the go-to-man. But how can this be remotely acceptable if the consequences of that damage are not remediable?
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife. Some parts of the affected area might seem sandy and semi-arid, but that does not remove their environmental value. Due to the depredations of mankind in our insatiable quest for resources, we are not seeing the sixth great extinction, with species loss at orders of magnitude greater than long term rates.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW. Globally, groundwater resources are being depleted and damaged. We need to be more enlightened; such valuable resources as the GAB are not indestructible.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change. The industry has tried to paint gas as the perfect transition fuel to a full renewable energy economy, here and overseas. However studies of the fugitive emissions have exposed this as wrong, perhaps even mischievous.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable. This mismanagement of marketing of Australian gas should never be allowed as an excuse for further damage. NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Peter Green

Yours sincerely,

Peter Green

31 Taronga Way, Faulconbridge NSW 2776, Australia

## **Benjamin Latta**

1 Noongah Terrace, Crescent Head, New South Wales benjammin@y7mail.com

### 14 May 2017 14:57:56

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned 5iding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor 5antos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Water security for future generations is immensely valuable and a vital point of check for any resource investment proposals in this region. The Pilliga's groundwater systems should be secure and protected from tamper by the less valuable and limited resource extraction proposed by this project.

Benjamin Latta

### martin timms

83 Barton Drive, Australind, Western Australia, Australia martintimms@hotmail.com

#### 14 May 2017 14:58:02

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected, of something we don't actually need or can safely afford to use?

We actually don't need more fossil fuel in whatever format it comes.

We can't afford to burn the fossil fuel reserves that we already have access to. so why would we risk destroying an aquifer and the farm land above to provide more of a product that is destroying the planet.

lets leave it where it is.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

martin timms

83 Barton Dr, Australind WA 6233, Australia

## **Terry McCauley**

U3, 151 Maitland Road., Islington NSW 2296 tppmccauley@gmail.com

#### 14 May 2017 15:17:55

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

As a former Narrabri resident and supporter of full retention of the Pilliga forest in its present format, I strongly object to this project and believe it should be rejected. Economic benefit from questionable industries has no value for anyone, especially when their are very known high level risks that will destroy or irrevocably damage vital elements of the environment for us and future generations.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
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The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor 5antos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United 5tates.

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

Yours sincerely,

Terry McCauley

U3, 151 Maitland Road., Islington N5W 2296

## **Rachel Westwood**

7/61 Balmain Road, Leichhardt NSW 2040 rachelswestwood@yahoo.com.au

#### 14 May 2017 15:19:48

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This submission to the Narrabri Gas Project EIS is an objection to and rejection of the project.

Minister Roberts must also know the negative ramifications of the afore-mentioned project.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost \$00,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the N5W Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

(e-Signed)

Yours Faithfully,

Rachel Westwood

7/61 Balmain Road, Leichhardt NSW 2040

## **Lindi Robertson**

23 Myahgah Rd, Mosman centreoftheearth1@vahoo.com

### 14 May 2017 15:22:00

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

Please hear us & make changes to improve this Earth for future generations!

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 3S billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Lindi Robertson

23 Myahgah Rd, Mosman

## Vivian S.

Sydney vivkid77@hotmail.com

### 14 May 2017 15:01:42

## Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 3S billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost S00,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Unconventional = irreparable; illogical!

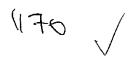
As we now have a female State Premier and Minister of the Environment, I trust clearer and inclusive evaluations will endorse the only logical response in 2017.

Signed,

Yours sincerely,

Vivian S.

Sydney



## **Chris Martin**

18 Obeirne Street, Kearneys Spring, Queensland, Australia chrisjmartin2000@yahoo.com

## 14 May 2017 15:02:51

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western N5W.
- Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

As a NPWS Ranger in the Coonabarabran District, for more than 20 years, and RIC of the Pilliga Nature Reserve, on more than one occasion, I am deeply concerned at the potential effect on the reserve, as well as the Pilliga Conservation Reserve to the North. Again the potential effect on the Siding spring Observatory, as declared dark sky area, is potentially devastating.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Chris Martin

18 Obeirne St, Kearneys Spring QLD 43SO, Australia

## Deearne Gould

96 Kempton Street, Bluff Point, Western Australia, Australia ddeearne@hotmail.com

### 14 May 2017 15:23:11

## Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

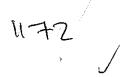
We have all seen the destruction caused by mining. I would really prefer to see renewable sources of energy used e.g. wind, solar and tidal.

Signed,

Yours sincerely,

Deearne Gould

96 Kempton St, Bluff Point WA 6S30, Australia



## **Dudley Leggett**

228 Broken Head Road, Suffolk Park, New South Wales, Australia dblz@iprimus.com.au

### 15 May 2017 19:37:36

### Please reject the Narrabri Gas Project

This project should not be allowed to proceed.

If approved the damage would be massive, including:

- 1. Extraction of over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 3. Drilling through a recharge aquifer of the Great Artesian Basin and drawing water down from a water resource relied upon by rural communities across western N5W.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: 5antos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting 5antos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor 5antos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

**Dudley Leggett** 

228 8roken Head Rd, Suffolk Park NSW 2481, Australia

## **Paul Tait**

Lismore gaiafilm@linearg.com

### 14 May 2017 18:20:40

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

THAT YOU BELIEVE THE MINERS THAT THIS IS A SAFE TECHNOLOGY WHEN THERE IS HEAPS OF PROOF TO THE CONTRARY, PLACES YOU AMONGST THOSE IN THE WORLD WHO WILL DO ANYTHING FOR A DOLLAR, EVEN BETRAY THE HEALTH OF OUR LAND AND OUR PEOPLE PARTICULARLY THOSE RELIANT ON GROUND WATER. WE WILL REMEMBER YOU IN HISTORY FOR YOYR DECISIONS TODAY.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Paul tait

Lismore



# **Duncan Stebbing**

82 Hall St, Mooroopna, Victoria, Australia duncanstebbo@hotmail.com

14 May 2017 16:41:37

## PLEASE reject the Narrabri Gas Project, - and any other disasterous CSG projects

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned 5iding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

All proven disasters if allowed To proceed.

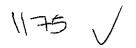
Please condemn those putting greed and profit against the long term good of the country.

Signed.

Yours sincerely,

Duncan Stebbing

82 Hall St, Mooroopna VIC 3629, Australia



# Wendy Jo Craig Duncan

978 Pimlico Road, Wardell, New South Wales, Australia wendviod@hotmail.com

15 May 2017 00:10:52

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

As a marine biologist I am very interested in water quality. I looked into the effects of csg mining on aquifers and surface groundwater when Metgasco attempted to drill in the northern rivers farming region where my husband and I live and work. The gas industry and agriculture are not compatible, and this was supported by tens of thousands of local residents who objected to invasive and contaminating csg mining.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

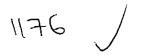
I urge the Government to reject this project and make the Great Artesian Basin recharge off-limits to gas mining.

Signed,

Yours sincerely,

Wendy Jo Craig Duncan

978 Pimlico Rd, Wardell NSW 2477, Australia



## **Mark Gumley**

Maroubra Road, Maroubra, New South Wales, Australia mark@podservices.com.au

### 1S May 2017 08:47:17

## You don't want to do this !! Please reject the Narrabri Gas Project !!

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

Please listen to all of us emailing you!!

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 3S billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Yours sincerely,

Mark Gumley

Maroubra Rd, Maroubra NSW 2035, Australia



# Tansy O'Hara

Hutchinson Road, Burekup, Western Australia, Australia tansyohara@gmail.com

### 15 May 2017 00:21:22

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

N5W should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned 5iding 5pring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

I urge the Government to reject this project and make the whole of Australia off-limits to mining that involves any kind of fracking. We don't have the right to cause the damage that results from fracking for future generations to have to endure. Whatever short term gain it might achieve, it will never have been worth it in the end.

Signed,

Yours sincerely,

Tansy O'Hara

Hutchinson Rd, Burekup WA 6227, Australia

## Rex Pepper

Cooper Rd, Wamboin NSW rex.a.pepper@gmail.com

### 14 May 2017 16:48:54

## Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost S00,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

N5W should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Making money is not common sense. Staying out of the Great Artesian Basin is.

Signed,

Yours sincerely,

Rex Pepper

Cooper Rd, Wamboin N5W

1179 1/2

## Jason Roberts

3/44 Dunn Street Kandos NSW, Australia. irjasonroberts@gmail.com

### 14 May 2017 18:26:41

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

In addition, I add that it is just quite selfish and self centered, especially when money gained dishonestly doesn't make a person feel good deep down when he/ she lays his/ her head on the pillow at night, knowing that they have destroyed valuable land for growing food, especially when the world's population is growing, just for the sake of money, no matter how much CSG mining earns. It's not wise given what CSG mining does to the environment. Those responsible for the damage might be cosy in their ivory towers, unaffected by the damage impacting ordinary people, bur for how long? In twenty years, Australia will be an agricultural wasteland if CSG mining goes ahead. How would those responsible feel knowing they have caused the damage?

The notion of the existence of a vengeful Christian God is met with much ridicule, but how do you know exactly for certain that He doesn't exist? Do you want irreversible damage to agricultural land that will be valuable considering the rise in world population, added to your list of misdemeanors? We are stewards over this earth, and we have to make it last as long as it can, not mindlessly destroy it, and for what, the pleasure of making a profit? Some the decisions our government is making today is making me, and the whole population of Australians ashamed of our leaders, and a huge international

1179 2/2

embarrassment, quite frankly. If today's government wants to go down in the halls of shame, go ahead, destroy this country, and everyone along with it. Pull your damn head in, and listen to real wisdom!

Signed,

Yours sincerely,

Jason Roberts

3/44 Dunn Street Kandos NSW, Australia.



## Toni Wynne

53 Ryde Road, Hunters Hill, New South Wales, Australia toni@tksoftwaresolutions.com

### 14 May 2017 18:27:17

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract an enormous amount of salt laden groundwater, much of it in the first five years. This water will be treated and will generate hundreds of thousands of tonnes of salt waste, for which there appears to be no safe disposal plan.
- 2. Clear hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to increased, polluting emissions of methane from venting and leakage, adding to climate change.

The project will also impact the regional Aboriginal community because the area is cuturally important to them.

The project is not justified: Santos' own coal seam gas export activities in Queensland have not led to greater security of gas supply in Australia or improved gas prices in Australia.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

I believe coal seam gas poses great risk of harm to people's health and the future of our underground water supply.

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

Signed,

Yours sincerely,

Toni Wynne

11/S3-S5 Ryde Rd, Hunters Hill NSW 2110, Australia

# Stephen hale

269 Upper Tuntable Falls Road, Nimbin, NSW, Australia stephenhalesgarden@gmail.com

## 14 May 2017 16:50:31

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 3S billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

I urge the Government to reject this project and make the Great Artesian Basin recharge off-limits to gas mining. Also this project doesn't have a social licence to operate and this is important for any company to work in our community.

Signed,

Yours sincerely,

Stephen hale

269 Upper Tuntable Falls Rd, Nimbin NSW 2480, Australia

1182 /

# William Zappa

43 Riverview Road, Earlwood, New South Wales, Australia billyzap@yahoo.com.au

#### 15 May 2017 09:01:14

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

I wholeheartedly support this petition.

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western N5W.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

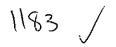
I urge the Government to reject this project and make the Great Artesian Basin recharge off-limits to gas mining.

Signed,

Yours sincerely,

William Zappa

Riverview Rd, Earlwood NSW 2206, Australia



# **Wendy White**

200 High St, East Maitlandaitland wenwhiteS@gmail.com

#### 14 May 2017 16:53:14

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected as it will adversely affect our water, the environment, our health and the cultural and social values of the Gamilaraay people.

This project, if approved, would allow

- 1. Extraction of over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clearing of close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife and threatened species.
- 3. The drilling through of a recharge aquifer of the Great Artesian Basin with water drawn down. Rural communities from across Western NSW rely on this water resource and it is setting a dangerous precedent to allow it to be drilled by a gas company.
- 4. Large deliberate emissions of methane from venting and leakage to be produced, adding to climate change the effects ofnwhich are already adversely impacting on agriculture.
- 5 The spiritual, cultural and social life of the Gamilaraay people to be completely disrupted because the area of impact is crucially important to them.

The project is not justified as there is evidence to show that renewable energy can provide clean energy now and in the future with government support

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Wendy White

200 High St, East Maitlandaitland

Gale Bearman

Nestor Avenue, Bardon, Queensland, Australia galembear@gmail.com

### 14 May 2017 16:54:28

## Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater,
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large emissions of methane.

The project is not justified: Santos' own coal seam gas export activities in my home state of Queensland have caused gas prices to rise and supply to become unpredictable.

N5W should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

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

5igned,

Yours sincerely,

Dr Gale Bearman

Nestor Ave, Bardon QLD 4065, Australia

## **Neil McAully**

13 Paul Close Mona Vale NSW 2103 neil\_mcaully@yahoo.com.au

### 15 May 2017 09:08:2S

### Narrabri Gas exploitation

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: 5antos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

I am totally fed up with large corporations pillaging our land for their own benefit leaving local taxpayers to pick up the bill for their destruction. You only have to look to the USA to see the state of their rivers - we cannot afford to have that in our land we simply do not have enough water.

Signed,

Neil McAully

### Jenn Manders

1/97 Esplanade, Semaphore, South Australia, Australia fludderjenn@gmail.com

### 08 May 2017 15:17:55

## Please reject the Narrabri Gas Project.

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

It kills water, fragments The pilliga Forest, threatens food and fibre production and basically just kills kills and kills land, animals and humans just to make money for a few richies. PLUs it helps destroy this PLANET!!~~

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Jenn Manders

1/97 Esplanade, Semaphore SA 5019, Australia

./

## **Bronwen Algate**

711 South St, Ballarat, Victoria, Australia browniebea@hotmail.com

08 May 2017 18:04:59

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project

Water is the blood of the land. By poisoning our waterways and water tables we poison not only the land but ourselves.

I understand the importance of energy to sustain a vibrant economy. But there are better ways of doing it than destroying the future of our children with the destruction of the environment.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 3S billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Bronwen Algate

711 South St, Ballarat Central VIC 3350, Australia

# **Gail Armstrong**

10 Judith St, Corlette, New South Wales, Australia mail4gail@bigpond.com

#### 14 May 2017 18:43:30

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected. I am a resident of NSW and absolutely object to the destructive process of extracting CSG gas from our productive and precious farming country. We are better and more than a 'dig it up and ship it out' society. It becomes doubley offensive when Australia does not even profit from these enterprises, rather overseas based multinationals reap all the rewards. Are we all mad??

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Gail Armstrong

10 Judith St

## David Cook

47 Marlin Drive, Wonga, Queensland, Australia davecook@bigpond.com

### 14 May 2017 18:45:31

### Please do not approve the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

I herewith present my submission to the Narrabri Gas Project EIS.

I strongly object to the threat this project poses to farmland, the natural ecosystem and to ground water supplies. I strongly urge you to reject the project on the basis of the following almost certain threats of high risk category.

There is a high risk his project, if approved, would almost certainly:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost S00,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

History will be the judge,

Yours sincerely,

David Cook

47 Marlin Dr, Wonga Beach QLD 4873, Australia



# Janine Godfrey

32 Lakeview Drive, Esk, Queensland, Australia flip.jg@gmail.com

#### 14 May 2017 19:33:01

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

N5W should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

The interests of Santos will be put before the health of our ecosystems and the people dependent on them. The gas extraction will be at the expense of the agricultural industry which is renewable and employs many more people over time.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Janine Godfrey

32 Lakeview Dr, Esk QLD 4312, Australia



# **Mark Lofley**

24 Robin St, South Golden Beach, New South Wales, Australia mlofley@y7mail.com

### 09 May 2017 09:48:58

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

Has Australia gone crazy

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New 5outh Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western N5W.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Mark Lofley

24 Robin St, South Golden Beach NSW 2483, Australia

# Claire Ogden

7/22 Leiper Street, Stafford, Queensland, Australia ogden.claire@gmail.com

### 15 May 2017 05:25:13

### Submission against the Narrabri Gas Project

To the Executive Director,

I am a young Australian and a small business owner living in Brisbane, Australia. I'm very concerned about the Narrabri Gas Project EIS and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New 5outh Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting 5antos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

We know that coal seam gas is harmful to health. Neither the N5W Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

5igned,

Yours sincerely,

Claire Ogden

7/22 Leiper St, Stafford QLD 4053, Australia

### **Helen Tomkinson**

159 Tannery Road, Cambewarra, New South Wales, Australia helentomkinson@me.com

### 1S May 2017 05:46:30

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

There is a growing mood in this country that what the people want is not being addressed. I don't know of anyone who wants dirty power with all the associated risk and damage it brings to the environment and health. What we do want is clean sustainable power which is perfectly possible if the government would support it.

The Narrabri Gas Project, if approved, would:

- 1. Extract over 3S billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost S00,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

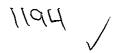
I urge the Government to reject this project and make the Great Artesian Basin recharge off-limits to gas mining.

Signed,

Yours sincerely,

Helen Tomkinson

159 Tannery Rd, Cambewarra NSW 2540, Australia



# Lynette Haselgrove

Storm King, QLD, Australia pely95@gmail.com

### 09 May 2017 10:39:58

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost \$00,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

The health of Australians and the land HAVE to be more important than just profits.

Signed,

Yours sincerely,

Lynette Haselgrove

Storm King QLD 4380, Australia

## Di Tulip

8 Nott St, Fraser, Australian Capital Territory, Australia dtulip123@mail.com

#### 09 May 2017 12:59:28

#### I object to the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 3S billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.
- 5. Take crucial water from the cotton industry by Draw down of irrigation water from the Pilliga sandstone aquifer because there is no impermeable rock barrier between the target gas coal seams and the Great Artesian Basin.
- 6. Poison families in Narrabri from gasfield air pollution (ozone and VOCs).

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval and public health damage in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Di Tulip

8 Nott St, Fraser ACT 2615, Australia

### Max Ke8

8 McCarthy Place, Quirindi, New South Wales, Australia madmax4461@hotmail.com

#### 09 May 2017 14:20:18

## Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: 5antos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned 5iding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

The sheer volume of the Submission put in by Santos does not allow in the time frame a measured reply, they have had years and a massive budget to prepare it.

A small time frame of 3 months in which to read and reply is totally inadequate.

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

Signed,

Yours sincerely,

Max Kettle

8 McCarthy Pl, Quirindi NSW 2343, Australia

# Rebecca Jackson

50 Athleen Avenue, Lenah Valley, Tasmania, Australia rjackson08@bigpond.com

### 14 May 2017 18:55:53

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I am horrified that given the effect of fossil fuel and natural gas burning on climate emissions and the damage to the environment from fracking that anyone would consider this proposal. With the planet rapidly approaching the point of no return in climate change it would grossly irresponsible and morally reprehensible to approve this project.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost S00,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Rebecca Jackson

50 Athleen Ave, Lenah Valley TAS 7008, Australia



## Catherine Hustler

Tallowood Crescent, Bossley Park, New South Wales, Australia cathyleecarbone@yahoo.com.au

09 May 2017 21:15:09

## Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project ElS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

We should be winding down all mining activity. Investing in solar and renewables, not throwing away our country to companies they just rape and pillage.

Signed,

Yours sincerely,

Catherine Hustler

Tallowood Cres, Bossley Park NSW 2176, Australia

# **Lynne Flemons**

226 Cowper Street, Goulburn, New South Wales, Australia lynne.flemons@gmail.com

09 May 2017 21:57:42

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

The negative impact of Coal seam gas mining far outway any positives. It's impact on all aspects of a region's - people and environment - businesses .. is dangerous. Why governments allow coal seem gas mining is beyond me.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost S00,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Lynne Flemons

226 Cowper St, Goulburn NSW 2580, Australia



# Jeanette Barrowclough

118 Old Bluff Road, Veresdale Scrub, Queensland, Australia j\_barrowclough@yahoo.com.au

### 14 May 2017 19:56:08

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

Why haven"t we learned from the US where coal seam gas has already caused a enormous amount of damage to the groundwater and the whole environment. I strongly disapprove of companies destroying our environment, wrecking other peoples livelyhood and never taking any responsible for the mess they leave behind. Stop exporting all the gas we already are mining, make sure our own country has enough gas for its people and say NO to this project.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

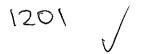
I urge the Government to reject this project and make the Great Artesian Basin recharge off-limits to gas mining.

Signed,

Yours sincerely,

Jeanette Barrowclough

118 Old Bluff Rd, Veresdale Scrub QLD 4285, Australia



### **Grant Colwell**

"Bulgar", Coonamble, NSW,2829 bulgah1887@gmail.com

09 May 2017 22:21:58

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

As well as the below mentioned issues, I have another very good 2 reasons not to let this project go ahead, at the moment they are 17 and 20, my 2 children. If this goes ahead it won't be a case of if BUT when they have a major catastrophe that will destroy the artesian basin for generations to come, effecting or should I say destroying the entire area and making it useless for food production and sustaining either native or domestic animals. This will wreck the entire area for generations to come turning productive land into what effectively will be a baron wasteland, and for what, a big company to make huge profits and screw the Australian people out of natural resources mainly our productive land, and to top it off probably get away with paying 1c in the dollar tax. You cannot consciously let this project go ahead knowing full well you will be condemning this beautiful area to a toxic and ugly death !!!!!!

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: 5antos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned 5iding 5pring Observatory.

Coal seam gas is harmful to health. Neither the N5W Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

**Grant Colwell** 

"Bulgar", Coonamble, NSW, 2829



### Francis Panetta

Campbelltown, Saint Bernards Road, Rostrevor, South Australia, Australia francis.panetta@bigpond.com

### 14 May 2017 19:58:10

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 3S billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost S00,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

The long term potential health threat to all living creatures including humans and the environment is not worth the risk, its time we woke up and made good decisions that are non threatening and are sustainable in every way, especially when our water is effected.

Who is responsible if there is a long term problem? How do you fix it?

Can it be fixed? If the water is polluted what then??

These questions must be asked and answered honestly, if not the project does not go ahead.

Yours sincerely,

Francis Panetta



# **Philip Sutton**

64 Koppin Yarratt Road, Upper Lansdowne, New South Wales, Australia suephilsutton@gmail.com

#### 14 May 2017 19:00:27

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

NSW and Australia should be investing in renewable energy forms by encouraging companies such as Santos to invest their money not in ventures like this but in sustainable alternatives. There is too much at stake. Our grandchildren and yours will regret the day if this proceeds. The pub test is: Is this good for our country and the answer is No

This project, if approved, would:

- 1. Extract over 3S billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Philip Sutton

64 Koppin Yarratt Rd, Upper Lansdowne NSW 2430, Australia

[204

# Marnie Ryan

Glendale, Coonamble, New South Wales marnieryan101@gmail.con

#### 13 May 2017 14:25:46

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

My name is Marnie Ryan, I'm 1S years old and I'm from a small farm property just outside of Coonamble.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

I am one of many of my towns future, I will not let the government interrupt and disrupt my future. I am writing this today because I feel that the future of my town and others is important!

Signed,

Yours sincerely,

Marnie Ryan

Glendale, Coonamble, New South Wales



# Sally Wylie

Kevill Road, Margaret River, Western Australia, Australia swylie521@gmail.com

#### 14 May 2017 20:38:38

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

i have visited the Pilliga. It concerns me greatly that coal sem gas might be allowed in this area. Coal seam gas has a destructive environmental record. I hope you ban it.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Sally Wylie

Kevill Rd, Margaret River WA 6285, Australia

902

## bob g

7 shandon court buderim qld bobbygreg@gmail.com

### 14 May 2017 14:09:11

### rejection of the gas project at Narrabri

Attn: Executive Director, Resource Assessments

Department of Planning/Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

The environment matters, and the atmosphere matters, and the future matters.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Why should one or two billionaires add more to their wealth while the environment is destroyed? And, it is certainly hot enough where I live, so that burning more fossil fuels will only add to the heat in our atmosphere. I ask you to reject this project.

Signed,

Yours sincerely,

bob g

7 shandon court buderim qld



## Michael Ellwood.

58 Hinemoa Avenue, Normanhurst, New South Wales, Australia mandj.ellwood@gmail.com

#### 14 May 2017 20:46:58

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large emissions of methane from venting and leakage, adding to climate change. As, of course, will the combustion of the CSG. Peer reviewed climate scientists are telling us we can not develop new fossil fuel reserves if we are serious about avoiding dangerous climate change. There are now alternative renewable energy sources, such as wind, solar, wave, hydrogen, etc, that will not put life on this planet at risk.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Michael Ellwood.

58 Hinemoa Ave, Normanhurst NSW 2076, Australia



# mary ellen

East Street, Maylands, Western Australia, Australia michaelpauly@iinet.net.au

#### 14 May 2017 14:09:21

#### Please reject the Narrabri Gas Project

It's not safe, it destroys the precious ecosystems, threatens agriculture and Santos has one awful safety record

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely.

mary ellen

East St, Maylands WA 6051, Australia



## Sarah du Preez

82 Duke Street, East Fremantle, Western Australia, Australia sarah.dupreez@gmail.com

#### 14 May 2017 20:50:06

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

I believe that in the future, any involvement or support of this project will be seen as an issue of shame and negligence.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

I urge the Government to reject this project and make the Great Artesian Basin recharge off-limits to gas mining. To not do so, given the doubts about the basin's cap-acity to withstand water extraction (at the very least), is a completely irresponsible misuse of power. This is not what the Australian people want and you know it.

Signed,

Yours sincerely,

Sarah du Preez

82 Duke St, East Fremantle WA 6158, Australia



# **Delphine Bryant**

65 Morehead St, Bungalow, Queensland, Australia delphijbryant@gmail.com

### 14 May 2017 20:51:46

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people. Not to mention the division of a natural environment and the degrading of the only place for the wildlife of the area.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

We should not be considering allowing this dangerous drilling to occur whereby pollution will be released, both by methane emissions as well as the by-products of waste salt there is no future use for. I imagine it will be left in the neighbourhood to be an eyesore..

I urge the Government to reject this project and make the Great Artesian Basin recharge off-limits to gas mining. We only have one Artesian Basin and should be doing everything in our power to preserve it, not selling it to an overseas company.

Signed,

Yours sincerely,

Delphine Bryant

65 Morehead St



## **Margaret East**

19 Argyle St, Mullumbimby, New South Wales, Australia terrafocus@bigpond.com

#### 14 May 2017 19:27:26

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I ABSOLUTELY reject your right to allow the Narrabri Gas Project to go ahead for the short term benefit of large multinationals.

Our water along with the rest of our environment is our most precious resouce. We and future generation depend on it for our lives. There is absolutely no reason on earth that you should allow our water supplies for our current and future generations to be violated polluted and abused.

There is no way that you can protect OUR water (not YOUR water) from violation and pollution if you allow any coal seam gas projects to go ahead.

Stop bowing to big multinationals for short term profit and gain and stand up for our rights to protect our environment so that we can see a positive healthy environmental future for us and our children and generations to come

So I indeed absolutely object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Margaret East

19 Argyle St, Mullumbimby NSW 2482, Australia



## Dianne Fester

' Merriwee ' Coonamble.2829 nonemara@activ8.net.au

#### 12 May 2017 09:22:40

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected for the following reasons

This project, if approved, would:

- 1. Contaminate the land with huge amounts of salt and other contaminates in waste water
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

There are many other areas in Australia that does not have the Great Artesian Basin and Santos should look at these places for their wells.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Dianne Fester

'Merriwee' Coonamble.2829



## Anastasia Guise

51 / 265 Martin Road, Larnook, New South Wales, Australia anastasia.de.guise@gmail.com

#### 14 May 2017 19:27:34

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I write to express my forceful objection of this project on the basis that it is economically flawed, environmentally destructive, and harmful to human health. Moreover, it is a project which will generate enormous social conflict, both from those opposed to its development, and within the Narrabri region.

This project should be rejected on the grounds that it is a high-risk, short-term project with long-term negative environmental and economic consequences which are unacceptable.

- 1. The project plans to extract over 35 billion litres of salt laden groundwater and generate almost 500,000 tonnes of salt waste. There is no safe disposal plan for this waste.
- 2. The project plans to clear over 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales. The Pilliga forest is critical habitat to a number of threatened species, and core habitat for the Koala, an iconic species which is threatened in NSW.
- 3. The project plans to drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. The project will emit methane from venting and leakage, a potent greenhouse gas (three times worse than CO2) which will accelerate Climate Change and compromise Australia's climate targets.

The area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people, and contains important sites.

Importantly, the project presents the high likelihood of conflicts of land use in the Narrabri district, and puts agricultural industries at risk. Light pollution jeopardises the integrity of the Dark Sky Reserve needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is proven to be harmful to humans and other vertebrates. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States, and the ongoing health effects inflicted on the people of southern Queensland, where Coal Seam Gas has poisoned water and rendered real estate worthless.

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

Signed,

Yours sincerely,

Anastasia Guise

265/51 Martin Rd, Larnook NSW 2480, Australia



## **Russell Kelly**

5 Noela Street, South Toowoomba, Queensland, Australia rkelly@madforit.com.au

#### 14 May 2017 20:54:42

### Please do not accept the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should not be approved.

The environmental costs of this project are immense and will impact current and future generations of people as well as wildlife and the natural environment. The financial benefits are insufficient compensation for the massive environmental, social and economic impacts and the public interest in not served by allowing it to proceed. In particular, this project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Russell Kelly

5 Noela St, South Toowoomba QLD 4350, Australia



# **Glenn Conroy**

5 Wongara Street, Clayfield, Queensland, Australia glenn1231946@gmail.com

#### 14 May 2017 14:15:51

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

SANTOS uses the business model based on FOUR degrees global climate warming. I am an Earthling just as you and all living things on the Planet are so yes I do not live where CSG wells will be, neither do I live in NSW but I have done so, now I am in neighbouring state of Queensland but we all live on Planet Earth. Australia including NSWE signed up to global Partis climate accord that based on 1.5 degrees global warming (NO MORE - which would be catqastropic) and FOUR degrees warming business model Santos is based on is simply NOT sustaiunable for life on this Planet and not for people in CSG well areas, not for NSW, not for Qld, not for Australia and not for life on this Planet.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Glenn Conroy

912

## Janet Blagg

82 Pioneer Drive, Mole Creek, Tasmania, Australia janetblagg@gmail.com

#### 14 May 2017 14:13:04

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

IN MY OWN WORDS, THE WILL OF THE PEOPLE IS CLEAR AND THE RIGHTS OF PEOPLE IN THE WAY OF THE PROJECT ARE BEING TRANSGRESSED.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Janet Blagg

Rose Cottage, 82 Pioneer Dr, Mole Creek TAS 7304, Australia



## victoria marguin

69 Lagoon Drive, Myocum, New South Wales, Australia caravita@gmail.com

#### 14 May 2017 21:04:49

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected. This is a destructive and revolting prospect of a project.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

I urge the Government to reject this project and make the Great Artesian Basin recharge off-limits to gas mining. You are here to represent we the people not just destroy our land and do what awful things you like. DO your civic duty and protect nature, flora and fauna.

Signed,

Yours sincerely,

victoria marguin

69 Lagoon Dr, Myocum NSW 2481, Australia



## Lorraine McKeown

Karoo Coonamble NSW 2829 Im.karoo@bigpond.com

#### 12 May 2017 15:21:54

Please reject the Narrabri Gas Project. Serious consideration needs to be given to the long-term effects this project will have on the Great Artesian Basin and its surrounding areas. All the Environmental Impact statements in the world, will not cover the long term impacts that may come as result. The farmers and local people need to have input into the whole situation as they are the ones who will be impacted the most in the long term.

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Lorraine McKeown

Karoo Coonamble NSW 2829



### **Debbie Harris**

31D Clark Road, Jiggi, New South Wales, Australia debbie131148@gmail.com

#### 12 May 2017 20:18:56

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

I cannot believe that you can ignore, that Climate Change is real and this proposed gasfield at Narrabri will only add to the problem.

How can you ignore the science? how can you ignore the evidence of the detrimental effects to the environment and the to the health of people living in a gasfield in Queensland?

How is Australia every going to produce food when you destroy farmlands?

Signed,

Yours sincerely,

Debbie Harris



# **Greg Gill**

155, Squires glgill051@gmail.com

#### 14 May 2017 14:13:57

### Abandon Narrabri Gas Project.

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

The pursuit of this unnecessary project is absolutely not worth the potential damage and risk to our threatened remaining natural environment.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Greg Gill

### Lee Wood

26 Moren Street, Blacktown, New South Wales, Australia woodyandlee@optusnet.com.au

#### 13 May 2017 11:17:13

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

I can not believe that you the Government plan to put a pipe line through private farm land property in the Coonamble area. My sister and her family live on one of those farms, how dare you think that this is ok. Dont you think the farmers do it tough enough without you adding to their stress. If you even thought of doing this in Sydney there would be such an uproar. DO NOT do this to our farmers,

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

Signed,

Yours sincerely,

Lee Wood

26 Moren St, Blacktown NSW 2148, Australia



## Johanna Andreasen

174 Dawson St, Girards Hill, New South Wales, Australia jojo.andreasen@bigpond.com

#### 14 May 2017 21:12:57

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

I find our government to be so short sighted and look forward to a new generation of politicians who can see beyond there own noses and interests.

It is possible to have our energy needs met by renewable resources. The town of Lismore is a case in hand. I am proud that the town where I live is well on track for meeting its' 2023 target of being completely reliant on renewable resources, namely solar power. This is providing an enormous amount of local employment and town pride. We can sleep well at night knowing that our council with encouragement from the local community is doing its' bit for the future generations.

To even think about mining the Pilliga region is completely outrageous.

Signed,

Yours sincerely,

Johanna Andreasen

174 Dawson St, Girards Hill NSW 2480, Australia



# Elisabeth Smyth

81/16 Freedman Road, Menora, Western Australia, Australia lissmyth@westnet.com.au

#### 14 May 2017 14:31:24

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Elisabeth Smyth

81/16 Freedman Rd, Menora WA 6050, Australia



### Jan Hainke

424 Exeter Road, Sutton Forest, New South Wales, Australia hainkejan@gmail.com

#### 14 May 2017 14:40:41

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

Our future power supply to turn on our lights, cook our dinner and heat our homes is so important to us all. But Coal Seam Gas from the Narrabri Project is not the answer to anyone's prayers. There ARE better ways to achieve affordable, sustainable power.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Jan Hainkejan@gmail.com

424 Exeter Rd, Sutton Forest NSW 2577, Australia



# Elizabeth Morgan

11 Montrose Road, Taringa, Queensland, Australia e.morgan@griffith.edu.au

#### 14 May 2017 14:22:21

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is dangerous to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States. Evidence of powerful undermining of health in other areas (in Queensland) is also surfacing. Once the mining is underway there would be no recourse or going back. The perpetual damage will have been done. Our precious planet should last for millenia but coal seam gas will add another nail in its coffin of over exploitation, deterioration and ultimate devastation. Do you wish to become responsible for this?.

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

Signed,

Yours sincerely,

Elizabeth Morgan AM

11 Montrose Rd, Taringa QLD 4068, Australia



## Paul Stepto

61 River Oaks Drive, Kendall, New South Wales, Australia paulstepto@bigpond.com

#### 15 May 2017 18:32:31

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.(absolute negligence if this is risked).
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people (show respect to these folk).

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm (too bloody right!! Look at longevity & energy that utilises resources that can be managed & can continue indefinitely, solar, wind, animal poo converted to methane, hydro, human & animal energy expended into mechanical energy converted into electricity, tidal)

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory (Just not willing to jeopardise!!!)

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

I urge the Government to reject this project and make the Great Artesian Basin recharge off-limits to gas mining (definitely!!!!!)

Signed,

Yours sincerely,

Paul Stepto

923

# **Tania Cummings**

Carramar Crescent, Winmalee, New South Wales, Australia taniacummings@hotmail.com

#### 15 May 2017 20:09:26

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife. The threat to, loss and in some cases extinction of Australia's unique flora and fauna through over-development of our forests and open land over many years is a loss that cannot be counted in merely economic terms. It is a sin against nature. A fine balance must always be found and carefully managed between industrial progress and nature conservation.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW. Our farmers have it tough enough through drought and the government putting a virtual tax on their dam water. Don't take their underground water as well. Farmers are suiciding because their farms are no longer providing them with a living and every farmer that leaves the land either by his own hand or by bank foreclosure is a loss to our dining tables and a loss to our export markets and the loss to his self-esteem and raison d'etre is immeasurable.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to atmospheric pollution.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more clean coal safe extraction methods and recommission, instead of decommission power stations like Hazelwood in Victoria. Wind power is unreliable, uneconomic and unsightly but solar power should be the way of the future in Australia with its hours of abundant sunshine and open spaces. and ultimately cheaper renewable energy, NSW should not let Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Tania Cummings

Winmalee NSW

Yours sincerely,

Tania Cummings

Carramar Cres, Winmalee NSW 2777, Australia



# Mike Bailey

55 Macquarie Avenue, Cessnock, New South Wales, Australia mike.b001@yahoo.com.au

#### 15 May 2017 20:05:37

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1a. Be a Political and Natural Disaster.
- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2a. Be an Act of Treason against the Peoples of New South Wales and the Nation of Australia.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3a. The Project has no consideration to the welfare and/or betterment of the residents of New South Wales, only that of Corporations and shareholders.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4a. Detrimental to the Environment and Peoples of New South Wales and Australia generally.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Mike Bailey

55 Macquarie Ave, Cessnock NSW 2325, Australia

925

# **Wendy Shaw**

4 Acolus Court, Casuarina, New South Wales, Australia wenshaw@gmail.com

15 May 2017 20:47:30

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Should this land and water supply be damaged by CSG extraction, it will threaten our food and water security for our country, and would not be repairable in the foreseeable future. Is this the legacy that we leave for young Australians. It could destroy our farms and their communities. This also has the potential to harm the wildlife. These are not worth the risk, our food and water security is too important.

Yours sincerely,

Wendy Shaw

4 Acolus Ct, Casuarina NSW 2487, Australia



## James McDonald

6/322 Arden Street, Coogee, Nueva Gales del Sur, Australia jwmcdonald18@gmail.com

#### 15 May 2017 19:53:38

## Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

This is frankly upsetting as we have sustainable alternatives that would cost the same if not LESS over the long term to produce energy for all Australians.

We've detached ourselves from the planet because we think we're SMART but we're not. The planet is the smart one. The planet has renewable processes that are sustainable and generate an abundance of energy.

Why not invest in those resources? If we can obtain gas from the earth surely there are ways to store power from solar and wind.

Also, the project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

James McDonald

6/322 Arden St, Coogee NSW 2034, Australia

# nigel saunders

2443

nigelsaunders64@gmail.com

### 15 May 2017 20:52:00

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

13

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I strongly object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Ours is a wonderful Country, let us improve the relationship we have

with Mother Earth.

Signed,

Yours sincerely,

nigel saunders

2443

928

## Peter Jaggle

302A Warby Road, Jiggi, New South Wales, Australia pejagg@hotmail.com

#### 22 May 2017 12:43:14 PM

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

Santos have no social licence for this destructive project. The CEO has publicly stated that Santos is content to see a temperature rise of 4 degrees this would drive us all into catastrophic climate change and destroy civilization as we know it. This is insanity!

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Peter Jaggle

302A Warby Rd, Jiggi NSW 2480, Australia

929

# Marilyn & Dallas Bryan

Newe Park Warren NSW 2824 nwpk5@bordernet.com.au

#### 21 May 2017 14:39:14

Please reject the Narrabri Gas Project. One of the main reasons is the lack of scientific knowledge regarding the long & short term impact on the Great Artesian Basin. If Santos 'safeguards' don't work the destruction of agriculture as we know it, in NSW could be the result. Our property would be but one of many for whom grazing & farming would become impossible. The bores provide water for livestock & domestic use, through all seasons not just during drought.

How would our limited infrastructure such as shire roads cope with an influx of heavy vehicles as this pipeline is built?

How would farming businesses manage the intrusion on their land for building & maintenance of the pipeline?

What guarantees could be provided that there would not be a further extension of mining /drilling activities?

Currently there are more questions than answers about this proposed enterprise. Much more time should be given to all stakeholders to consider likely impacts on communities, existing farming businesses and individuals.

#### Marilyn & Dallas Bryan

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Marilyn & Dallas Bryan

Newe Park Warren NSW 2824



## Kathleen Hawkins

552 Iron Pot Creek Road, Iron Pot Creek, New South Wales, Australia kathleenhempening@gmail.com

#### 22 May 2017 01:01:43 PM

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Water is life, no water, no life. The risk of contamination to clean water, air and land is far too high. NO CSG.

Signed,

Yours sincerely,

Kathleen Hawkins

552 Iron Pot Creek Rd, Iron Pot Creek NSW 2474, Australia

931

# Krystal Bullen

909 Epping Road, Pilliga, NSW, 2388 dunmoreashstud@gmail.com

#### 21 May 2017 15:26:29

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

To Whom it may concern,

I am writing this submission to voice my concern about the proposed gas wells and pipelines that people have been talking about.

I would like it to be noted that my husband and myself are against any wells and or pipelines that are proposed to be put in

We live between Pilliga and Come By Chance on the Namoi river. We rely on the Namoi's water for our livestock and our own use.

The property we live on has been in the family for over 100 years as many of the properties will have been, if not longer. We have been teaching our children how to run the property so one day they can take it over, when we decide to retire.

There is no better life to bring a child up in then a country life style. What will happen to our children's future and the other children's future as well as their families?

What impact is the gas wells and pipeline going to have on the farms, whether it grows grain, cotton or meat? The truth! If it didn't have a bad impact on the properties or to the families I am sure there would not be such a big fight to stop it from happening.

What will happen to all the toxic and non-toxic waste that will is brought in or disturbed from it's natural place?

Where are you going to dump all the waste? In the nearest Creek, like the Bohena Creek!

It wouldn't matter where it got dumped it would still end up in our water way some how whether it be by being washed into the creek then into the river or soak/washed into the soil and down into the underground water ways.

We have put all we have into our property and livestock. We can not afford to loose our home and livestock. We have worked so hard to grow and improve both our livestock and property.

I am sure we are not the only people that feel this way and are very concerned about the consequences of the proposed gas wells and pipelines that are to go in.

It is not easy being a farmer, we have to worry about floods, fires and drought already. Not too mention the price we can sell our product for so that we can make a profit after we have been taxed.

We farmers are dedicated to this lifestyle no matter how hard mother nature is on us, this is what we love to do. We do not need the extra worry of what the proposed gas well and pipeline is going to do to our property and water ways.

What impact are the gas wells and pipelines going to have on the environment? The native plants and animals?

What of the heath of the people that live in the areas directly and the ones that live down river? What happens to them?

What about the mental health of the farmers that having been fighting to keep their place afloat during the four years of drought? They have been able to keep it together to battle through the drought and keep things kicking along. How are they going to handle this? Will it be the last straw before they do something that can not be undone?

The proposed gas wells and pipelines have more of an impact then just the environment, it affects peoples health both physically and mentally.

Farming is the only thing most people out here know how to do. What will they do if the gas wells and pipelines contaminant their properties and they have to leave?

We say NO to the gas wells and pipelines.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Angus and Krystal Bullen.

Yours sincerely,

Krystal Bullen

909 Epping Road, Pilliga, NSW, 2388

# **Elizabeth Morley**

56 Elaroo Avenue, Little Bay, New South Wales, Australia lizzymorley@ymail.com

#### 21 May 2017 15:13:25

## Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable. The significant harm on the social, environmental and economic values of the Narrabri Shire and New South Wales that this project will inflict needs to be weighed against the economic justification for the project, but there is no such economic justification. Santos is one of several large gas companies that threw the east coast gas market and the industries that rely on it into turmoil by opening up CSG fields in Queensland and contracting to sell more gas than those fields can produce to overseas customers. They drove up the price of gas and are plundering supplies previously available to manufacturers and power stations.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Elizabeth Morley

56 Elaroo Ave, Little Bay NSW 2036, Australia

# James Molloy

540 Heidelberg-Kinglake Rd, Wattle Glen, Victoria, Australia jmmolloy2@bigpond.com

#### 21 May 2017 15:45:32

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

I spent extensive periods conducting community and Comprehensive Regional Assessment biodiversity surveys in the Pilliga Nature Reserve and adjacent areas between 1999-2000. During these surveys we made extensive discoveries that extended the known historic range of some threatened fauna species by hundreds of kilometres including the Red Tailed Phascogale and the Stick Nest rat. We also discovered new species of Mallee and orchids, and many populations of a wide range of threatened species. This data is all in the NSW Biodiversity Atlas and is accessible to you and the proponents. The Pilliga is a biodiversity hotspot sensitive to environmental damage and change. It is a significant island of vulnerable biodiversity that I believe will be seriously impacted by the fragmentation of the proposed road network, by the likely introduction of new weed and microbial species foreign to the area, and by the potential significant environmental impacts of this proposal. I do not believe that we even fully understand the impacts as we have such little ecological information about so many of eth species known to occur in eth area. Your government is committed to sustainable development and eth precautionary principle and on these grounds the proposal conflicts with your governments stated policies. Accordingly the proposal should not proceed.

I have also been very privileged, as a white Australian, to be exposed to some of the Gamilaraay cultural value of the Pilliga area. It is a uniquely precious and highly valued cultural landscape not just to the Aboriginal communities there but to white people like myself who have had those valued shared. These values are landscape wide and sensitive to the proposed impacts of the proposal. This proposal is completely insensitive to those values and should not be permitted on cultural values alone.

I cannot stress enough the importance of protecting those remaining natural areas in Australia where you can camp without light and noise pollution, where the biodiversity is intact and flourishing, and where the effects of our industrial economy are able to be forgotten for even a short period. The Pilliga landscape is a unique and highly valued jewel in the crown of biodiversity and cultural heritage.

I strongly urge you to reject this proposal and instead to encourage the NSW government to invest in sustainable and renewable resources.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

James Molloy

540 Heidelberg-Kinglake Rd, Wattle Glen VIC 3096, Australia

## Catherine Smit

7 Flame Street, Maleny, Queensland, Australia catherine.ann.smit@gmail.com

#### 21 May 2017 15:53:23

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I strongly object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique and endangered wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- Lead to large deliberate and fugitive emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

I now live in Maleny, Queensland, in part because of the ongoing stress of the threat of CSG hanging over our heads for the past 5 years or more when I lived in Coonabarabran - this has had negative impacts on my health. I still am a part owner of an organic orchard on the outskirts of Coonabarabran that relies upon borewater. I am concerned about the risk to underground water that CSG activities pose, which would make the orchard, and life in North West NSW in general, unviable. Not to mention the long term drastic drops in land value if the industry expands. CSG impacts negatively on environmental values, agriculture, air and water quality, tourism, astronomical activities, local economies (the boom/bust cycles) and the physical and psychological health of local human communities, particularly the indigenous community. There is no proof, in fact there is mounting evidence indicating that the CSG industry cannot coexist with human and animal communities. I have been part of the extensive community surveys in North West NSW that clearly show that 96% of the community across 3.28 million hectares will fight to remain free of gasfield industrialisation. I, the local communities, and supporters in the wider Australian community, will continue to resist CSG industrialisation for as long as it takes to secure a viable future in the region.

Signed,

Yours sincerely,

Catherine Smit

7 Flame St, Maleny QLD 4552, Australia



## **Nancy Falcone**

22 Cabbage Gum Rd, Cudgera Creek, New South Wales, Australia nifalcone@gmail.com

#### 19 May 2017 12:49:59

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

It is such a beautiful area, please don't allow it to be spoiled!

Signed,

Yours sincerely,

Nancy Falcone

22 Cabbage Gum Rd, Cudgera Creek NSW 2484, Australia

## Fiona Starr

"Nuran" Tottenham NSW fifishpool@hotmail.com

#### 21 May 2017 16:34:32

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

I believe in the importance and value of our agricultural industries and do not believe that the current evidence regarding the ongoing effects of CSG can insure the safe guarding of our environment and agricultural land. The below points outline some of the more precise details as to why myself and many others do not agree with this project. I hope they will be given your full consideration.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Fiona Starr

"Nuran" Tottenham NSW

## Victoria Hamilton

WEE WAA NSW victorianhamilton@gmail.com

#### 21 May 2017 16:36:00

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

As a member of a farming family with productive agricultural land, mapped and enclosed by PEL 238 and following an approach in March 2010 by a private contractor on behalf of Eastern Star Gas, seeking permission for seismic testing on our private Ag land, (not given), I have studied the CSG industry from every aspect, including the current proposed project area.

With no doubt in my mind, I strongly reject the proposed project.

We have one only reliable source of water. Underground.

It cannot be stated strongly enough.

For example: The Great Lakes of North America hold 20% of the Worlds fresh water, usable.

They (USA) for the present, experience snowfall that melts to replenish rivers.

But to understand, our total reliance on underground water, and imagine that any Australian Government would allow that one and only reliable H2O resource to be placed in peril, short and long term, by the production of CSG is unjustifiable.

The agriculture industries of NWNSW are in situ and providing a vital service of food and fibre production for all Australians and a large export vein.

We as a farm rely totally on underground water.

I was a member of the Santos Community Consultative Committee, as a community representative, for 2 years (August2012August2014)meeting monthly throughout those years in Narrabri.

The negative cumulative impacts of this proposed project have not been addressed with in this EIS to a degree that is satisfactory to myself. Including, the following below

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Victoria Hamilton

WEE WAA NSW

## Monica Winston

34 Highmont Drive, Belmont, Victoria, Australia goldenalight@yahoo.com.au

#### 22 May 2017 09:54:05 AM

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

We are in a climate emergency, in the sixth mass extinction of species and facing an energy crisis and have many options to address both of these whilst taking care of the environment we all depend on biologically. We have to do everything we can to reverse the situation.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Monica Winston

34 Highmont Drive, Belmont, Victoria

## Kenneth Owens

45 Catania Street South, Wishart, Queensland, Australia kenemo7@gmail.com

#### 19 May 2017 03:45:58

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Please consider very carefully the damage already done in parts of Queensland and do not repeat the same mistakes in NSW. The evidence against CSG is not new and increases every day. Renewables technology are coming into their own. Please embrace the future, not destroy it!

Signed.

Yours sincerely,

Kenneth Owens

45 Catania St S, Wishart QLD 4122, Australia



# **Amy Kiss**

6 Moorong Place, Cooma, New South Wales, Australia amy\_kiss84@yahoo.com.au

#### 22 May 2017 10:03:31 AM

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

It is wrong and does not belong to this land.

Signed,

Yours sincerely,

**Amy Kiss** 

6 Moorong Pl, Cooma NSW 2630, Australia

## **Neil Denison**

317 Pimlico Road, Pimlico, New South Wales, Australia negraden317@hotmail.com

#### 18 May 2017 12:03:24

#### Objection to the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and ask that it be rejected.

The cost to the environment, to agricultural activities and to people's health will be catastrophic if this project is approved

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Neil Denison

317 Pimlico Rd, Pimlico NSW 2478, Australia



# Tanya Hempstead

32 Fleet Street, Tumbarumba, New South Wales, Australia tanyahemp@gmail.com

#### 18 May 2017 12:13:09

## Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

Besides all the below. As a taxpayer im furious that my taxes are used to subsidise unmitigated greed and destruction caused by fossil fuel companies. CSG is unnecessary. Move to wind and solar. Get these environmental vandals out of the Pilliga.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Tanya Hempstead

32 Fleet St, Tumbarumba NSW 2653, Australia



# **Luke Thompson**

Little St, Coffs Harbour, New South Wales, Australia butttsack@gmail.com

#### 22 May 2017 10:12:53 AM

## Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

It's a tough case to argue against a bunch of muppet politicians and their inbred ideas but a no brainer for someone with decent morals or a conscience. I doubt these emails will effect the outcome as money comes first in the political world and politicians have a low moral compass so they won't figure out they are negatively affecting others until the damage is done.

Here's some info on the project;

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,
Luke Thompson



## **Helen Searle**

Wonthaggi Victoria hms@dcsi.net.au

#### 19 May 2017 13:14:19

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to the Narrabri Gas Project project and believe it should be rejected.

Fortunatley we are able to learn from other Australian & international coal seam gas projects and avoid all the problems by not proceeding with this new CSG field.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project will also cause trauma to farmers and rural residents who understand and will be impacted by the noise pollution, land clearing & destruction, water pollution and light pollution. It is difficult to imagine who in the community would want such a project and the projected number of jobs are always seriously overstated.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

I urge the Government to reject this project and make the Great Artesian Basin recharge off-limits to gas mining. Instead invest in jobs that will not ruin our environment and will ensure a positive impoact on our communities.

Signed,

Yours sincerely,

Helen Searle

Wonthaggi Victoria



# **Hugh Martin**

120 The Bucketts Way, Krambach, New South Wales, Australia hugh.b.martin91@gmail.com

#### 19 May 2017 13:17:21

## Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
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- Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely.

Hugh Martin

The Bucketts Way, Krambach NSW 2429, Australia



# Adey May

Sydney Road Hornsby Heights NSW adey88@assanzon.com

#### 22 May 2017 11:24:50 AM

#### **REJECT the Narrabri Gas Project**

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

RENEWABLES are the new way forward and it is time for Australia to get with the program instead of being thwarted by governments and big oil, big gas and big coal!

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
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The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Adey May

Sydney Road Hornsby Heights NSW



# Sean Mackie

1047 Green Pigeon Rd, Green Pigeon, New South Wales, Australia seanmackie@bordernet.com.au

#### 19 May 2017 09:25:54

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

The project should not only be rejected on the basis of the points below but on the major point that it is uneconomic and unviable as pointed out by recent reports. The benefit cost analysis put forward by GHD is misleading and contradicted by the proponents own financial statements.

The risks from this project are too great.

• Bushfire risk in particular is flagged by the proponent as moderate. This is underestimated in my opinion. The risk of fire in the Pilliga is catastrophic to both human and animal health. The Pilliga is fire prone and tinder dry. All it takes is one vehicle to get hot underneath from driving, park over grass or off to the side of the road and a fire could be started. Just one of the stated 1300 workers have to flick a cigarette butt out of their window and a fire could be started. It's too risky.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Sean Mackie

1047 Green Pigeon Rd, Green Pigeon NSW 2474, Australia



# Diana Lyons

8 Oxide Street, Port Macquarie, New South Wales, Australia diana.lyons@gmail.com

#### 21 May 2017 09:29:11

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

As a former resident of the Narrabri area I am deeply concerned about the impact of this project. I believe it is unnecessary and the damage it will cause will be irreparable.

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

Signed,

Diana Lyons

Yours sincerely,

Diana Lyons

8 Oxide St, Port Macquarie NSW 2444, Australia



# **Geoffrey Reid**

Lofts Pinnacle Road, Barkers Vale, New South Wales, Australia biochar57@gmail.com

#### 19 May 2017 21:15:27

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

The Pilliga is NSW's premium recharge zone of the Great Artesian Basin, please do not gamble with the farming futures of all in this area dependent on unpolluted fresh underground water to underwrite their enterprises. Every one of these hundreds of gas wells would be a tiny thread of hollow concrete going kilometres underground and they would all eventually break down and leak the highly active greenhouse gas methane into an atmosphere already demonstrating extreme weather from global warming. The salt extracted cannot responsibly be released into the surface environment, neither can it be injected back underground for fear of contaminating aquifers and facilitating earthquakes, as has happened in gasfields elsewhere.

Please look at the satellite map of NSW and realise just how rare and hence important the Pilliga woodlends have become in an already extensively landscape. The drill pads. pipelines and roads will destroy even further the integrity of this important habitat remnant, dissecting the ranges of more sensitive species and worsening the extinction danger to those already threatened.

There is no value anyone can place on the potential destruction of this rare ecotype, and no one knows the worth of retaining its biodiversity, or the weight of its loss, but the value of a few decades of fossil carbon the world is desperately trying to break its addiction to will likely be insignificant in comparison. This proposed development is not in humanity's future interest. Not in the best interest of farmers, and a huge threat to biodiversity.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Geoffrey Reid

Lofts Pinnacle Rd, Barkers Vale NSW 2474, Australia

## Meredith Stanton

209 Wiriri Rd, Billys Creek, New South Wales, Australia mer@tpg.com.au

#### 17 May 2017 19:35:25

#### Please protect NW NSW. Reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

Please accept this as my submission to the Narrabri Gas Project EIS.

I oppose this project and believe it should be rejected in its entirety.

Onshore gas development in the Pilliga forest will risk unacceptable impacts to ground water, native vegetation and wildlife. Surveys of local farmers, indigenous people and residents in NW NSW communities have clearly indicated the majority do not want the Narrabri Gas project to proceed.

There are far too many uncontrollable variables associated with this project and Santos NSW cannot guarantee the safety of the industry and offer no warranty on long term negative impacts to land or aquifers due to operational incidents or ageing infrastructure after the gas has been extracted. There is no viable plan for safely disposing of the salt waste or the toxic brine which is a by-product of processing the gas.

The threat to human and animal health from 24/7 venting of toxic gas into the local atmosphere has not been studied or independently assessed and stories coming from the Queensland gasfields suggest there is a clear risk to human health from invisible fugitive emissions. Accidental pollution of water in streams and underlying aquifers is a threat to farming communities who rely on groundwater for stock and irrigation.

The Pilliga forest is the last remaining intact inland forest and provides habitat for a range of threatened species. Fragmentation of the forest with roads, pipelines and gasfield infrastructure will damage the integrity of this biodiversity hotspot. Flaring of gas within the highly flammable Pilliga forest is a recipe for catastrophic fire risk and would threaten precious biodiversity which should be protected at all costs.

I believe the risks of the Narrabri Gas project far outweigh the benefits to the NW NSW community and urge assessors to abide by the precautionary principle and reject the proposal outright to protect the land and water for present and future generations.

NSW has a global responsibility to encourage development of renewable energy projects to quickly replace polluting fossil fuel energy sources and this requires the Santos Narrabri Gas Project be shelved to protect NW NSW farmland and forests.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large and deliberate emissions of methane due to venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Meredith Stanton

209 Wiriri Rd, Billys Creek NSW 2453, Australia

176 pg 1/2 . 951

## Jake Hodie

Sydney Road, Fairlight, New South Wales, Australia skicopmtn@aol.com

#### 16 May 2017 00:10:05

## Please REJECT the Narrabri Gas Project!

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be REJECTED,

I OBJECT to this project and believe it should be rejected!

So much of our wilderness has already been ruined by mining, drilling, development, and man.

Enough is enough!

The wilderness is supposed to be a place of peace and quiet for us, and the wildlife which live in it!

The animals are running out of places to live and be safe. Our wildlife are under threat from so many angles. They desperately need to be protected, mainly from humans.

Life is hard enough for people, let alone the animals.

Can't we please offer them some much needed help?!

PLEASE save the wilderness for all future generations before it is permanently ruined. Some damage cannot be undone!

So many of our waters have already been ruined by development, drilling, pollution, and humans,

Enough is enough!

Our waters are supposed to be a place of peace and quiet for us, and the fish and wildlife which live in them!

The animals are running out of places to live and be safe. Our fish and wildlife are under threat from so many angles. They desperately need to be protected, mainly from humans.

Life is hard enough for people, let alone the animals.

Can't we please offer them some much needed help?!

PLEASE save the waters for all future generations before they are permanently ruined. Some damage cannot be undone!

Global warming is real. And so we must do something NOW to help protect the Earth.

We must be proactive as too much time has already passed and the threat is growing by the day.

The animal kingdom is already suffering and what hurts them will also hurt us. The animal kingdom is a fragile thing, and we cannot and must not let global warming do any more damage to them.

This project, if approved, would:

+76 pg 2/2

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Jake Hodie

# Kayleen Rundell

36 Derril Road, Portland, Victoria, Australia katieroo4@hotmail.com

#### 22 May 2017 11:34:22 AM

I say NO to the Narrabri Gas Project. It's simply just not worth the risk to families and our environment for gas that WILL be shipped off overseas.

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW

To whom it may concern,

I totally object to this project and believe it should be rejected outright.

This projec would:

1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.

All of which will happen on the WORLDS DRIEST CONTINENT.

- 2. Why Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife??
- 3. Why Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW?
- 4. It will lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Please, I'm begging you.

Please cancel this project for the sake of your children and generations to come.

Signed,

Yours sincerely,

Kayleen Rundell

36 Derril Rd, Portland VIC 3305, Australia

# Maggie May

1075 Afterlee Road, Eden Creek, New South Wales, Australia maggiem1266@gmail.com

#### 19 May 2017 21:27:33

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.
- 5. This proposal would be the biggest unconventional gas field approved and the consequences of a less than perfect management program could be catastrophic for farmers and residents in the region.
- 6. There is wide evidence of poor health among people living in Qld gas fields, does the government want to risk the health of the people of the North West NSW?
- 7. This project may well become a stranded asset, leading to bankruptcy and a huge clean up cost to taxpayers.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Maggie May

1075 Afterlee Rd, Eden Creek NSW 2474, Australia

# Jenny Salter

6056 like2chat2you2@hotmail.com

#### 22 May 2017 11:38:17 AM

## Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

We only have 1 world!

Enough is Enough!

We must move forward without doing yet more damage to our precious environment!

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Jenny Salter

Yours sincerely,
Jenny Salter
6056

## Peter Nielsen

25 Pine Creek Road, Bentley, New South Wales, Australia badhenry34@westnet.com.au

#### 21 May 2017 10:12:04

## Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is my submission to the Narrabri Gas Project EIS.

I strongly object to this project and believe it should be rejected.

If approved, this project, would cause many problems ie:

- a. Extract in excess of 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- b. Cause serious damage to the Pilliga Forest and the habitat it provides by clearing nearly 1,000 hectares, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- c. Cause irreparable damage to the Great Artesian Basin by drilling through a recharge aquifer and draw water down from a water resource which is relied upon by rural communities across western NSW.
- d. Lead to large deliberate and fugitive emissions of methane from venting and leakage, adding to greenhouse gases in the atmosphere and further exacerbating climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable. Gas as a transition fuel from coal for energy generation, has been displaced by the improved efficiency and affordability of renewable technology

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri, putting established and emerging agricultural industries and their dependant businesses at risk.

It will cause light pollution that will interfere with the essential dark night sky necessary to the internationally renowned Siding Springs Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Peter Nielsen

25 Pine Creek Rd, Bentley NSW 2480, Australia

### Julie Pratt

30 Warruga St, The Gap, QLD, 4062 juliept441@gmail.com

### 22 May 2017 11:45:42 AM

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I am very concerned at the extent of ongoing environmental damage that this Coal Seam Project may cause. Also, there will be negative cultural impacts for the local Aboriginal community, if it goes ahead.

I object to it and believe that it should not be allowed to proceed.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.

This project brings into question the future of our groundwater in this region which must be preserved. Renewable energy doesn't affect our groundwater reserves and is a much safer option.

4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

This project will The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

I strongly recommend that this research be examined by the Dept before any approval for it is considered.

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

Sincerely,

Julie Pratt

30 Warruga St, The Gap, QLD, 4062

### Sheena Gillman

9 Billagall Drive, Karana Downs, Queensland, Australia sheenagillman@gmail.com

#### 22 May 2017 11:52:18 AM

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States. There is enough evidence of damage here, right now.

Moreover, families are ill in Queensland's Surat Basin. Their concerns are largely ignored; a health survey tokenistic and influenced by industry. Despite asking of our DEHP - No one has ever assured us that the chemical changes we are creating in our atmosphere are safe in the future. This is our 'oxygen' - the very matter that all living beings depend on being contaminated by a rush of industry players; many are simply greedy, ruthless and corrupt. Like LINC, they will pull the pin, bugger off bankrupt and leave us all a mess beyond our worst nightmares.

Are you as politicians prepared to sing when the bell tolls?? Time to stand strong and tall to halt this ruination of our landscape.

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

Signed,

Sheena Gillman

Protect the Bush Alliance

Yours sincerely,

Sheena Gillman

9 Billagall Dr, Karana Downs QLD 4306, Australia

#### Susie Peake

Stuarts Point Road, Yarrahapinni, New South Wales, Australia sjpeake@yahoo.com

#### 22 May 2017 11:58:00 AM

### Dont allow fracking in the Piliga

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

THE PEOPLE DONT WANT IT

THE PEOPLE WILL REJECT YOUR GOVERNMENT OVER THIS

CANT YOU SEE THE WRITING ON THE WALL

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Susie Peake

Stuarts Point Rd, Yarrahapinni NSW 2441, Australia

### Sandra Hewett

Queens Plains Road, Tottenham, New South Wales, Australia dshewett@bigpond.com

#### 22 May 2017 11:59:52 AM

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

It WILL result in environmental damage on an unknowable scale,

the potential damage to humans, animas and environment is frightening, and the claims of safety and risk mitigation by Santos is laughable - just look at what is now happening in other CSG mined regions around the world!

Why would any government allow the deliberate poisoning of a precious water supply and irreparable damage to agricultural land, just to appease a multinational that has clear intentions to rape our land and resources and profit from the experience, with very little compensation to our country? This has to be stopped, and our government needs to say it loud and clear - HANDS OFF OUR LAND, SANTOS!!!

Remember, as you make decisions from your metropolitan office, that you are making decisions that affect many real people, on real & productive farms, in real regional towns, who spend their lives producing food and fibre for not just our nation, but to export to the world. The wrong choice will firstly affect us out here who would have to live with the immediate repercussions, but slowly, eventually, it will affect our whole country, and even the cities will suffer the effects one day.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Sandra Hewett

Queens Plains Rd, Tottenham NSW 2873, Australia

# **Deborah King**

Power Street, Port Macquarie, New South Wales, Australia kingi\_59@yahoo.com

### 22 May 2017 12:06:10 PM

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

My family lived in the area for nearly 20 years from the late 1980s. We lived through drought and the enormous bushfire that consumed thousands of hectares from Coonabarabran to Narrabri. The temperate woodland forest of the Pilliga is far from just "scrub" as our Deputy Prime Minister suggests. It is an ancient and fragile ecosystem. Compromising the groundwater in this area is just not an option. We live on the driest continent on the planet.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,
Deborah King



### Catherine Ferrari

Woolcott St, Earlwood, New South Wales, Australia catherine.sailor@gmail.com

#### 21 May 2017 11:35:49

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected. The high cost, low yield is not viable and is very short sighted. This will create ongoing environmental problems for decades and you will be held accountable.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Catherine Ferrari

Woolcott St, Earlwood NSW 2206, Australia



# **Katy Vidler**

Chilcotts Rd, Crystal Creek, New South Wales, Australia katyvidlerberry@gmail.com

### 20 May 2017 06:29:50

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

We are at a time in history where the restoration of the earth is essential and our plans should consider the impact on at least 7 generations, if not more. The good of the whole must now be considered. We are also at a time in history where alternative power sources are readily available, and we have no real need to continue mining as we historically have. The damage done now outweighs any reason to go ahead, especially when there are alternative power sources for humanity. We are all interconnected and all belong on earth. It's time to work in harmony with the earth in ways that do not harm its inhabitants or the earth itself.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Katy Vidler

Chilcotts Rd, Crystal Creek NSW 2484, Australia



# Julie Willett

479 Old Caloundra Road, Glenview, Queensland, Australia madasilove@gmail.com

### 20 May 2017 07:18:45

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

Seriously? What are you thinking? I totaly object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Julie Willett

479 Old Caloundra Rd, Glenview QLD 4553, Australia



# Anne McAlpine

Ballimore NSW anniemc525@hotmail.com

#### 20 May 2017 08:17:39

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

All development is not good development just because a very few people have a job for a very short time.

The destruction of our natural environment is often permanent.

Hopefully we will all wake up soon and see the much degraded environment and realise that Australia has become a poor remnant of what existed before.

Hopefully before more destruction is approved.

European humans are so greedy and only consider the environment when made to by legislation.

More people will be adversly affected by CSG than will benefit.

Signed,

Yours sincerely,

Anne McAlpine

**Ballimore NSW** 

### Jenna Jackson

51 Little Timor Street, Coonabarabran, New South Wales, Australia missjennajackson@gmail.com

#### 22 May 2017 01:11:49 PM

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I 100% object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

Lack of Transparency: SANTOS has exaggerated potential gas supply revenue and has no real proof that the NGP can meet these projections.

They do not provide any detail of the proposed 850 well sites. Previous exploratory wells have caused spills and leaks that have not been adequately remediated.

Their track record is poor. Allowing them another chance to mess up the environment is a risk we don't need. They must be transparent. The current EIS is flawed.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW must respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

Fracking alongside agriculture and forestry is incompatible with all Sustainable Land Use principles. Depleted water resources will adversely affect soil fertility and pasture quality, crop yields etc. Fracking extraction assists nothing and destroys everything. Ecosystem destruction is the end result. Despite what Santos claims about CSG processes and Land Use compatibility, existing Agriculture and Forestry industries must be prioritised over fracking and mining. The livelihoods of farmers, their families and their future must be considered.

Respecting the Land Rights of indigenous Gomeroi tribes has been completely ignored. Their voices have been silenced. It would be criminal to further impoverish or marginalise NSW farmers and local indigenous people, to earn low gas export dollars and create a potential nationwide gas deficit. SANTOS has a nerve to say it knows anything about Sustainable Land Use. Or that it consulted widely with indigenous Gomeroi custodians. Nothing is compatible with CSG.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory. There are 50 telescopes monitoring the dark sky, providing essential scientific data, that assists Australia's leading astrophysicists to continue their pioneering research. Many international researchers depend on their data. Santos' giant flare stacks will interfere with the total Darkness needed to continue their high class scientific research.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Jenna Jackson

51 Little Timor St, Coonabarabran NSW 2357, Australia

# Joy O'Farrell

Coonabarabran NSW 2357 circle1@tpg.com.au

### 21 May 2017 17:03:58

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate emissions of methane from venting and leakage, adding to climate change.
- 5. Santos cannot guarantee well integrity beyond a limited number of years. Even if they manage to access the CSG without significant contamination of the Great Artesian Basin during the operative life of the project, what will happen as the well casings break down over time? Contamination will occur.
- 6. In the EIS, Santos does not adequately acknowledge that the Pilliga is a major and necessary recharge for the Great Artesian Basin and tries to downplay any possible effects. The precautionary principle must apply and this vital resource should not be threatened for short term economic gain.
- 7. Santos has already contaminated a shallow aquifer during the exploratory process. This and worse contamination has already occurred in CSG Queensland projects and in CSG mining areas overseas. Why will it be any different with this project?

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory. This will also impact on the Coonabarabran community which supports, identifies with and benefits from the astronomical activities.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Joy O'Farrell

Coonabarabran NSW 2357

### Judith Ewer

Bullaburra NSW jude.e@exemail.com.au

#### 22 May 2017 01:12:50 PM

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I am extremely concerned about further irreconcilable damage to our environment and reckless endangering of our Great Artesian Basin with the poisons that are injected in the extraction process. Wherever coal seam gas has been so far has spelled disaster with short term profits being the only consideration and creating devastation for the environment and communities there before it arrived. Further details are listed below .....

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Judith Ewer

Bullaburra



### Clayton Lamont

Woolgoolga Creek Road, Woolgoolga, New South Wales, Australia clamont@live.com.au

### 21 May 2017 17:45:29

# Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Invest in non destructive sources of energy production ie solar , wind , and the other one that uses buoys and waves in the ocean

Signed,

Yours sincerely,

Clayton Lamont

Woolgoolga Creek Rd, Woolgoolga NSW 2456, Australia

### Lena McGregor

20 Robinson Road Mullumbimby mcgregorlena@gmail.com

#### 22 May 2017 01:16:55 PM

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

A part from all the below points why this gas project shouldn't go through I personally go to the Pilliga every year. I love it out there and this year being my 60 th year I am hoping to see the Pygmy Possum. It is the one thing I really want for my 60th and to think you will allow this polluting industry to wreck this pristine place its unthinkable.

There will be personal consequences for anyone involved in allowing this to go through I am sure of it.

It is a sacred place for our indigenous peoples. Show respect to these people who's land it is and one of the few places left unharmed by white invasion.

Show respect.

I want to take my grandchildren there when they come out from Germany and I want them to see Austraia's Wilderness and Pygmy possums.

We don't need this gas. The world is progressing to renewables, get with the program.

Please Please don't drill in the Pilliga Please say No! Please!

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

# Georgia Astridge

32 Kurrajong Crescent, Nightcliff, Northern Territory, Australia jojabinclock@gmail.com

### 20 May 2017 17:07:22

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

Hydrolic fracturing is poisoning our water, our earth and our children's future. If you go ahead with this, you are a long way from your heart and you are completely ignorant of the devastating impact this has on all of our lives. This is not the right this to do. There are renewable, sustainably, healthy options that work and should be implemented imediately! You have the power dear one, stand up for what is right for all of us who are sustained by this beautiful earth.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Georgia Astridge

32 Kurrajong Cres, Nightcliff NT 0810, Australia

# **Bill Single**

Church St, Randwick, New South Wales, Australia williamfsingle@gmail.com

#### 21 May 2017 00:41:00

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

Although I currently live in Randwick, my family relies on the safe and secure water source of the great artesian basin water supply. My grandparents and parents can only survive financially on this water source. The number of individuals, families and communities that have been torn apart Because of this type of mining are staggering, and I implore you to not permit this mining company to go ahead with this project. Please contact me on 043964-512 if you wish to discuss further. Thank you.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed.

Yours sincerely.

Bill Single

Church St, Randwick NSW 2031, Australia

, 972

# **Pip Semple**

Elanora Way, Karalee, Queensland, Australia piph67@icloud.com

### 22 May 2017 08:50:49 AM

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

You will be ruining and at the very least endangering a unique and delicate eco system that can never be replaced.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Pip Semple

Elanora Way, Karalee QLD 4306, Australia

# **Russell Donnelly**

2114 Oak Road / Baltimore, Maryland 21219-2214 USA irsd7@verizon.net

#### 22 May 2017 09:00:06 AM

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

I am the executive Team Coordinator of the LNG Opposition Team here on the East Coast of the United States of America representing three States including 30,000 U.S. Citizens; also; I am one of the Baltimore representatives of the Sierra Club Anti-Fracking Team and Toxics Team; also; I am affiliated with more than 85 Environmental Groups; Nationally and Globally.

Gas fracturing is a destructive process to harvest a finite non-renewable commodity for corporate machine enterprise. The acute, chronic, and cumulative environmental negative impacts from this process far outweigh

any realized Public Benefits. The U.S. National background on this industrial enterprise goes back over 60 years here in the United States with a comprehensive record of widespread catastrophic and cascade failures in groundwater aquifer systems; pipeline explosions; total loss of usable agricultural land and extensive disruption of environmental ecosystems; earthquakes; hazardous/toxic waste disposal of flowback which has polluted an exponential number of water resources across the U.S. Nation. Human Health and all other Life Forms, Welfare, Safety, and the Environment have all been irreparably compromised with permanent health issues and losses of life and property. Litigations against these types of operations are multitudinous in this country and growing in number daily.

Based on the environmental information disclosed about this region; it is my humble opinion that the Narrabri Gas Project would be highly problematic and destructive to the ongoing continued quality of life for all indigenous residents, of all species, in this Great Artesian Basin contained in the New South Wales Pilliga Forest Ecosystem Region. The implementation of this proposed Project would forever negatively impact and change this Australian Treasure Life Support System; effectively ending all life cycles therein.

Thus, on behalf of all the groups and constituents which I represent; and myself; we respectfully, adamantly, and resolutely implore this honored Government to DENY AS UNFAVORABLE and REJECT this proposed - Narrabri Gas Project and all its assigns. Respectfully submitted this 21st day of May in the Year of our Lord 2017, as ever in service, I am,

Russell S. Donnelly; Marine, Estuarine, and Environmental Professional

2114 Oak Road

Baltimore, Maryland 21219-2214

United States of America (USA)

Phone: 410-388-0898

Email: irsd7@verizon.net



# Jenny Koschutzke

14/5 Station Street, Thirroul, New South Wales, Australien jennykosch@t-online.de

### 18 May 2017 07:15:03

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

Long term food security for Australians is vital. Keep the farms!

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

Signed,

Yours sincerely,

Jenny Koschutzke

14/5 Station St, Thirroul NSW 2515, Australien

# Margaret Young

25 Davis Circuit, Murrumbateman, New South Wales, Australia margaret\_heather@hotmail.com

### 18 May 2017 07:52:53

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Please value our agricultural industry. Australia was built on it and it needs some support.

Signed,

Yours sincerely,

Margaret Young

25 Davis Circuit, Murrumbateman NSW 2582, Australia



### Joel Broadfoot

11 Packham Street, Orange, New South Wales, Australia joelbroadfoot@gmail.com

#### 21 May 2017 07:42:00

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected. This project is not looking to the long term future of our society or planet. It will leave. It will affect the region for hundreds of years to come all for the benefit of private corporate profits. Once profits are exhausted the landscape will always be changed.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Joel Broadfoot

Yours sincerely,

Joel Broadfoot

11 Packham St, Orange NSW 2800, Australia



### Richard Howarth

Randwick nsw ricaino@hotmail.com

### 18 May 2017 08:26:19

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

I completely agree with all of the points below. Aside from these points I find it terrifying that our government isn't doing everything in its power to protect our water. Australia being the dryest continent on earth its crazy to do anything that may risk any part of our artesian water supply. CSG has been shown over and again to fail and toxify artesian water while at the same time destroying vast tracts of native vegetation which helps keep soil integrity over great areas.

Aside from the fact that counties such as Germany have banned it completely which should demonstrate its lack of integrity, there should be a concerted effort on Australia's part to be a world leader on renewable and battery technology. Further investment in any form of carbon based power should be stopped and existing sources should be actively phased out.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Richard Howarth

Randwick nsw

### **Niven Stines**

24 Jane Price Cres, Conder, Australian Capital Territory, Australia niven.stines@gmail.comw

#### 22 May 2017 09:24:28 AM

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

Recent investigations by Southern Cross University & chemical engineer Tim Forcey suggest that fugitive gas emissions have been consistently flawed resulting in considerable underestimating of the problem. CSG is a greenhouse gas that is 80 times more potent than CO2. Fugitive emissions of unborn the gas from large scale CSG production could result in considerable impact on local and global warming.

While the industry and CSIRO have typically monitored fugitive emissions at the well heads they have failed to monitor the remainder of the network or the land within the gas fields.

The study found that "Concentrations outside the gas fields were about 1.7 parts per million; when we were looking inside the gas fields we found spikes up to 6.5 parts per million." These elevated levels are indicative of a problem that needs to be addressed and should give rise to great caution before approving developments that may well contribute more to catastrophic global warming than coal.

The gas industry is claiming very low levels of fugitive gas emissions but these figures are based on limited monitoring.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

**Niven Stines** 

24 Jane Price Cres, Conder ACT 2906, Australia

Appendix 1: A review of

current and future methane emissions

from Australian unconventional oil and gas production

http://energy.unimelb.edu.au/\_\_data/assets/pdf\_file/0019/2136223/MEI-Review-of-Methane-Emissions-26-October-2016.pdf

Appendix 2: Methane emissions from coal seam gas development raise climate change concerns

http://www.abc.net.au/news/2017-02-28/methane-emissions-from-coal-seam-gas-climate-change/8310932



### Jo O'Brien

Glenanaar Gulargambone 2828 glenanaar@bigpond.com

### 18 May 2017 09:07:48

### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
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- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

I would like to continue to live and work in my current location, and enable future generations to do the same.

Signed,

Yours sincerely,

Jo O'Brien

Glenanaar Gulargambone 2828



# Jim O'Brien

Glenanaar Gulargambone 2828 glenanaar@skymesh.com.au

## 18 May 2017 09:11:06

## Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
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- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

My future and my families future is dependent on the great artesian basin, without it we loose our livelihood.

Signed,

Yours sincerely,

Jim O'Brien

Glenanaar Gulargambone 2828



## Peter Robinson

Lot 110 Hawkins Rd. Coonabarabran NSW find.plr@gmail.com

## 22 May 2017 09:18:40 AM

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

I do so for the following reasons -

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Peter Robinson

Lot 110 Hawkins Rd. Coonabarabran NSW



# Karen Tomlinson

23 Greer Street, Meikleville Hill, Queensland, Australia ketomlinson@hotmail.com

# 21 May 2017 08:22:41

# Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I come from NSW and regularly return to visit friends and family. We drive through Narrabri on our inland journey to do so.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Karen Tomlinson

23 Greer St, Meikleville Hill QLD 4703, Australia

# melanie james

50 Wolfe Street, Newcastle, New South Wales, Australia melanie james 777@hotmail.com

## 18 May 2017 09:14:42

## Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm. - which endangers our wildlife - and farm animals and destroy the land Importantly Clean Water - and Air and native bushlands plants and forest! and there native animals.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Melanie James

Yours sincerely,

melanie james

50 Wolfe St, Newcastle NSW 2300, Australia



# **Kate Nisbet**

100 Watagan Forest Drive, Jilliby, New South Wales, Australia k8nisbet@gmail.com

#### 22 May 2017 09:21:19 AM

## Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected. It is my will as an Australian citizen that this project be rejected in its entirety and all further proposals also be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
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- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Kate Nisbet



# Helen Badger

219 Bacon Street, Grafton, New South Wales, Australia badgerhel12@bigpond.com

18 May 2017 09:15:14

## Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I feel to just leave my submission as a form letter does not do the cause justice. Yes, all of what is said below is true, scarily so...and the lessons are already there from previous misadventures of mining companies, but these lessons are pushed into the grey and murky past. Now in my late sixties, I long to see environmental issues take their rightful place at the top of any government agenda...and not subject to the lowest dollar, most politically expedient decision- making processes.

Otherwise vale to our food bowls, our reef and our clean air and water.

Helen Badger

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
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- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Helen Badger

219 Bacon St, Grafton NSW 2460, Australia

986

## Ian Rose

!72 Underwood St Paddington NSW 2021 ianrose3@gmail.com

#### 22 May 2017 09:29:00 AM

## Please reject the Narrabri Gas Project or commit us all to a poisoned future.

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

Gas is not the future, it is absurd to be relying on 19th Century technologies when we have 21st Century renewables at our fingertips, the more we invest in renewables the cheaper and more effective they become.

I urge the Government to reject this project and make the Great Artesian Basin recharge off-limits to gas mining. After all you don't want your legacy to be a swear word meaning 'ruined it for future generations for the sake of a few bribes'.

Signed,

Yours sincerely,

lan Rose

!72 Underwood St Paddington NSW 2021



# **Ian Burnett**

16 Francis Dimond Street, Arakoon, New South Wales, Australia alandian8@bigpond.com

## 18 May 2017 21:40:20

## Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project ElS.

I object to this project and believe it should be rejected.

Destroying native vegetation, threatening water supplies, reducing food production, creating waste all in order to extract gas for the profits of a foreign company, which is unlikely to pay its "fair share" to the true owners of the resource. The gas is also environmentally harmful and its energy producing potential replaced using renewable technologies. There really are a lot of big negatives and very few positives - show far-sighted leadership and reject this project, for the benefit of all the generations to come.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Ian Burnett



# Cello Garcia-Youn

Chilcott Drive, Goonellabah, New South Wales, Australia celloent@gmail.com

## 18 May 2017 09:58:27

# Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

It just is not worth risking and inflicting the destruction and pollution. There are other ways to make money. If the government made marriage legal for all couples not just same sex couples there would be so many jobs and so much revenue from that alone. Medicinal and recreational marijuana if made legal would do the same. I may sound like some crazy hippie but the world is changing and we're being left behind. Australia thanks to the choices of our government looks like an ignorant and corrupt place to live. If this project goes ahead it will be for the worse and those responsible will be held accountable eventually.

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

Signed,

Yours sincerely,

Cello Garcia-Young

Chilcott Dr, Goonellabah NSW 2480, Australia



# **Carol Stanley**

Jalibah Ave, Tweed Heads, New South Wales, Australia carols massage44@hotmail.com

## 18 May 2017 22:03:38

## Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

You have already failed with Gladstone the gas there is being sold overseas cheaper than here, CSG will ruin our water basin farming land and lives .... you've sold our ports and airports . we are the 'lucky country for every other country to come here and take what is Australia's without our permission , we ask you to govern us not for you to sell us out, and you pay these people/companies to do this with our money!!

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

Signed,

Yours sincerely,

Carol Stanley

Jalibah Ave, Tweed Heads NSW 2485, Australia



# **Heather Barnard**

22 Golden Links Drive, Murwillumbah, New South Wales, Australia barnardh@bigpond.com

## 18 May 2017 10:06:11

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

I have been to the Pilliga and it is an amazing place, not withstanding the intense logging of iron bark trees (for railway sleepers) over decades. The forest can and will recover from the logging, but I cannot see that the area could possibly recover from the proposed gas mining project.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Heather Barnard

22 Golden Links Dr, Murwillumbah NSW 2484, Australia



# **Steve Romig**

100 John Street, Tootgarook, Victoria, Australia stevenromig@hotmail.com

## 18 May 2017 10:29:55

#### Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

On a personal note, I seriously think fracking is the next asbestos and will end up costing the fossil fuel industry billions in compensation.

Signed,

Yours sincerely,

Steve Romig

100 John St, Tootgarook VIC 3941, Australia

# 992

# Norbert Kuhn

Bundella NSW 2343 nrkuhn7@gmail.com

## 20 May 2017 17:07:26

# Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

Not only for the reasons stated below but because there is no LNG shortage in Australia. The QLD CSG fields cannot meet the export contracts without the more cost effective gas from Moomba and the Bass Strait, the sources for NSW, ie domestic prices up. The principle beneficiaries would be the gas companies, the losers would be the people, their communities and the environment. Why take the risks?

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Norbert Kuhn

Bundella NSW 2343



# Sarah Daniel

Weroona Avenue, Woodford, NSW, Australia sarahs\_not@hotmail.com

## 21 May 2017 17:46:08

## Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Sarah Daniel

Woodford NSW 2778, Australia

1994

# Genevieve McGuire

5Truran Close Hornsby NSW 2077 genevieve.mcguire@gmail.com

22 May 2017 06:15:55 AM

## Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

Whilst the current financial benefits for proceeding with this gas extraction process may be well documented, and potentially of use to substantiate a decision, past experience establishes the criteria are too narrow. There are dependencies and future consequences that have not been enumerated. For example, what arrangements are in place to supplement lost income due to contaminated water and demise of rural and regional business communities. Primarily, what provisions are in place to guarantee zero disruption to the natural environment? What costings for irreplaceable eco-systems assets are included in the EIS and project management plans?

Australia cannot afford to self-insure against wholesale damage to the environment, established farming and small to medium businesses and the future health of our people.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Genevieve McGuire

5Truran Close Hornsby NSW 2077



# Catherine Potter

11 Banksia St, Broulee, New South Wales, Australia catherine@walirryuna.com.au

#### 22 May 2017 07:53:57 AM

## Please reject the Narrabri Gas Project. No fracking in the Great Artesian Basin

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

The Great Artesian Basin is the life blood of inland Australia including the Narrabri region and must not be compromised by this project. Massive thanks extraction of this groundwater for mining and inevitable pollution of the underground water will destroy the livelihood of this area.

It is a crime against humanity and the environment. The government's that approve this project and the companies that implement it would be legally liable for destruction of the human right to clean water.

Overseas experience has proven that unconventional has extraction, CSG and fracking poison water, air, land, wildlife, stock and humans. The evidence exists. There is no justification for this high risk mining. It should be banned across the country.

I totally object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Catherine Potter

11 Banksia St, Broulee NSW 2537, Australia



# Trish Wright

Geelong , Victoria wrightzconceptz@gmail.com

## 18 May 2017 19:44:00

## Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

I also as a custodian of this one and only planet we live un forbid any individual, group or company to compromise our water, land or air and I and all are responsible to ensure we handover clean water, air and soil to the next generations

Signed,

Trish Wright

Yours sincerely,

Trish Wright

Geelong, Victoria



# Kim Mckay

P.O. Box 286, Bayswater Victoria Australia 3153 mckayk81@gmail.com

# 20 May 2017 19:23:19

# Please reject the Narrabri Gas Project & All CSG Activities

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

I urge the Government to reject this project and make the Great Artesian Basin recharge off-limits to all gas mining on our Island Nation, One of the Driest & Smallest Continents in the world & is a Terrorist attack upon us all - This must stop & the Rules of War MUST IMMEDIATELY (since the code for war was enacted 2001/2002 - High Treason) be enacted to protect ALL Life in Australia.

Signed,

Yours sincerely,

Kim Mckay

P.O. Box 286, Bayswater Victoria Australia 3153



# **Robin Kuhn**

Orana Rd Coolah NSW 2843 r.kuhn@activ8.net.au

# 20 May 2017 19:24:31

## Please reject the Narrabri Gas Project

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

on the grounds listed below. It is to be hoped that the Australian government authorities will recognise the damage already done by the mining industry and consider the legacy we are creating for future generations

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

Signed,

Yours sincerely,

Robin Kuhn

999

# Jackie whillock

7855 Bundella Road, Premer, New South Wales, Australia whillock@skymesh.com.au

## 20 May 2017 19:45:45

Please reject the Narrabri Gas Project I am very concerned re the damage to water aquifer, and to the native wild life give the recent find re the rare forms of possums found in the Pillage area. I have also concerns re the very recnt smell of sulphur in our stock water, If our cattle can't drink the water then they die, as do our crops, our wild life and we use this water in our home as well.

their science has no guarantees that the water aquifer will not be damage, even as far as away as I live 205 kms

## This earth our land and water as so precious, lets not that them for PROFIT !!!!

Attn: Executive Director, Resource Assessments

Department of Planning and Environment

GPO Box 39

Sydney NSW 2001

This is a submission to the Narrabri Gas Project EIS.

I object to this project and believe it should be rejected.

This project, if approved, would:

- 1. Extract over 35 billion litres of salt laden groundwater, much of it in the first five years. This water will be treated and will generate almost 500,000 tonnes of salt waste, for which there is no safe disposal plan.
- 2. Clear close to 1,000 hectares of the Pilliga Forest, fragmenting the largest temperate woodland in New South Wales, home to unique wildlife.
- 3. Drill through a recharge aquifer of the Great Artesian Basin and draw water down from a water resource relied upon by rural communities across western NSW.
- 4. Lead to large deliberate and emissions of methane from venting and leakage, adding to climate change.

The project will also cause more trauma to the regional Aboriginal community because the area of impact is crucially important to the spiritual, cultural and social life of Gamilaraay people.

The project is not justified: Santos' own coal seam gas export activities in Queensland have caused gas prices to rise and supply to become unpredictable.

NSW should respond to this by investing in more reliable and ultimately cheaper renewable energy, not by letting Santos inflict more environmental, social and economic harm.

It will cause economic upheaval in Narrabri and put agricultural industries at risk, as well as causing light pollution that will ruin the dark night sky needed by the internationally renowned Siding Spring Observatory.

Coal seam gas is harmful to health. Neither the NSW Government nor Santos have investigated or dealt with the serious health effects of coal seam gas now appearing in peer-reviewed research in the United States.

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

I sincerely hope that the Government listen to the concerns of the people at the "coal face".

If we have no water our crops, livestock, wild life, vegetation and towns will die.

Also the removal of tress that absorb the carbon will be gone. Are not we supposed to be working toward a carbon reduction strategy.

Leave the Pilliga alone. Leave the earth alone. Don't undermine our existence.

Signed,

Yours sincerely,

Jackie whillock

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