

**From:** Daytura Kadens <daytura@westnet.com.au>  
**To:** <plan\_comment@planning.nsw.gov.au>  
**Date:** 12/13/2012 8:57 am  
**Subject:** Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS:

Re: Camden Gas Project Stage 3, Project Application 09\_0048

Please accept this as a submission on the Camden Gas Project Stage 3 Northern Expansion which is currently on public exhibition. I object to AGL's project application 09\_0048 to drill for coal seam gas in Western Sydney.

Please put the health and wellbeing of the people of Greater Western Sydney above the profits of AGL who plan to expand their gas field around and under people's homes and businesses.

I urge you to reject the proposal by AGL to drill 66 new coal seam gas production wells on the grounds that:

- Reports from Queensland and overseas show that there are serious risks to air quality and human health from unconventional gas drilling. However there have been no detailed studies done to quantify those risks especially in urban areas. The people of Camden and Campbelltown should not be treated like guinea pigs in a coal seam gas experiment.
- People's homes should not be undermined by coal seam gas drilling without their knowledge or permission.
- Homeowners face declining property values within and adjoining coal seam gas fields with some estimating house values may fall up to 30%.
- The integrity of gas wells can't be guaranteed and research from gas fields in Queensland and the US has shown many fail in their first few year. This will leave the community to deal with the impact of leaking wells on air quality and local water supplies.
- New research from Southern Cross University on methane gas leaks from coal seam gas fields has not been considered in the proposal. AGL has not conducted these studies to account for methane leakage on their existing coal seam gas wells.
- Despite research from the Queensland and the US suggesting ground water contamination and gas leaks from fracking, the proposal by AGL will allow fracking.
- The impacts of horizontal drilling have not been adequately considered in the Environmental Assessment.
- There are alternatives to coal seam gas, including renewable energy which can offer energy security without the unacceptable environmental and health risks posed by coal seam gas extraction.

Yours sincerely,  
Daytura Kadens

**From:** Patricia Kahler <trishwildfire@yahoo.com.au>  
**To:** <plan\_comment@planning.nsw.gov.au>  
**Date:** 12/17/2012 11:05 pm  
**Subject:** Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS:

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- The impacts of horizontal drilling have not been adequately considered in the Environmental Assessment.
- There are alternatives to coal seam gas, including renewable energy which can offer energy security without the unacceptable environmental and health risks posed by coal seam gas extraction.

Yours sincerely,  
Patricia Kahler

Mining and Industry Projects,  
Department of Planning

By Facsimile Only: 9228 - 6466

Dear Sir/Madam.

Re: Camden Gas Project 3 Northern Expansion.

I am writing to you to object to the expansion by AGL of its coal seam gas operations in the Macarthur Region.

My concern is a simple one: is the health and safety of the people now and in the future.

The Government cannot guarantee the health and safety of the residents with the "fracking" occurring in the area.

If AGL wants to expand its coal seam gas operations then it should do so in non residential areas.

The health and safety of the people is more important than the expected money the Government will receive.

Regards



Paul Kaperonis  
21 Mary Brown Place,  
Blair Athol.  
17/12/12

To:  
Mining and Industry Projects  
Department of Planning  
GPO Box 39  
SYDNEY NSW 2001

Dear Sir/Madam

**Re: Camden Gas Project Stage 3, Project Application 09\_0048**

I object to AGL's project application 09\_0048 to mine for coal seam gas (CSG) in Campbelltown and Camden. The key reasons for my objection are stated below.

I am concerned that CSG mining is a technologically-evolving industry whose impacts have not been independently and scientifically fully researched and remain largely unknown. This view is supported by professional organisations and academics in evidence to the NSW Upper House and Senate Inquiries into Coal Seam Gas Mining in 2011 and by subsequent research here and overseas. We have had to rely on the industry for much of our information when the industry has a vested interest in the outcome. AGL is no different. It claims that the Camden Gas Project has been safely operating for 10 years. Yet we understand that impacts on groundwater and air quality have not been adequately monitored, and while AGL has been operating under an Environmental Protection Licence (EPL No. 12003), it has been allowed to self-monitor its compliance, self-investigate incidents and self-report such that we do not know what true impacts it may have had. Third party consultants and external laboratories that are engaged and paid for by the industry are not *independent*. Nor is any funded or co-funded research by the CSG mining industry. These lessons should have been learnt with asbestos in Australia and with 'Big Tobacco' in the USA. The National Water Commission in its Position Statement (3<sup>rd</sup> December 2010) said that impacts may emerge over a long time period. I am deeply concerned that the costs of unforeseen problems will be borne by the community and taxpayers after AGL is long gone from the area. This is grossly irresponsible.

Doctors for the Environment Australia claims that health impacts from CSG mining have not been assessed. Preliminary research from Queensland (e.g. by Southern Cross University in Tara) and overseas is deeply concerning, especially where fracking has been used. As at December 2011, 85% of the production wells in the Camden Gas Project had been fracked (evidence from the NSW Upper House Inquiry) with inadequate monitoring of its impacts on water in particular. AGL claims that the use of horizontal wells in the proposed Stage 3 will reduce the need for fracking, but it seems that this is not entirely true since it has reserved the right to frack these wells in the future if/when the technology becomes available. The size of the proposed well clusters and any fracking of horizontal wells are both new and untested here. It will therefore be entirely experimental with unknown outcomes on health and property including the possibility of subsidence under so many urban properties.

I am also concerned about evidence from Queensland and overseas on air quality and the cumulative impact of AGL's expansion into an area that already experiences incidents of unacceptable levels of air pollution (ozone and fine particles) associated with respiratory problems (NSW Environmental Protection Authority). AGL's past performance gives no confidence that it has not already contributed to this or that it can be managed in the future,

having admitted in August this year that it had not conducted continuous air monitoring at its Rosalind Park Gas Treatment Plant for three years in breach of its EPL No.12003.

Allowing CSG mining in areas that are not zoned for heavy industry undermines zoning controls and confidence in the planning process, and creates severe land use conflicts, economic instability and inequity. It will disrupt religious communities whose vocations have so far been protected by the Scenic Hills zoning; it will place undue burden on small rural allotments whose capacity to cope is severely reduced by size (thereby threatening the survival of the entire historic Scenic Hills), and it is unsightly and unsafe in urban areas with a potential escalation in CSG mining incidents and accidents associated with the more intense urban activity (traffic, people etc.), the presence of children, and potential for vandalism. The consequent impact on land and house values for existing land and home owners may be devastating. For many people the home is their largest asset and is often leveraged to support small business. Any devaluation by bank assessors may destroy livelihoods and life savings.

I do not believe that the NSW Government's new regulations for CSG mining will ensure its safe operation here. As the only commercially producing CSG field in NSW, the Camden Gas Project has already been operating under consent conditions. Yet the NSW Government has not been able to ensure compliance, as evidenced by on-going breaches by AGL of its licence conditions, and the discovery of incidents that might not have been reported were it not for community vigilance, such as the Sugarloaf well incident in May 2011 in Menangle that allowed well contents to drift over Sydney's water channel and to nearby Glen Alpine houses.

The proposal poses risks to Sydney's water in general and to the South West in particular that have not been adequately assessed. While AGL claims that the *geology of the Sydney Basin is well known*, AGL's rationale for the constant modification of prior stages of the Camden Gas Project seems to contradict this, as does its admission to the Scenic Hills Association that it does not know where the aquifers here run to but *probably Sydney Harbour*. Potential impacts on Sydney Harbour, on the nearby Sydney Water Catchment, and AGL's proposal to run its gas gathering pipeline along Sydney's Upper Canal on public land are unacceptable risks to Sydney's water, and are an abuse of public property for the benefit of private investors.

AGL will continue to produce about 5% of NSW's gas from the Camden Gas Project according to evidence it gave under oath at the NSW Upper House Inquiry. The risks and potential costs to the community do not justify this, particularly since 150,000+ people already live and work in the immediate affected area, and this is in Sydney's south west growth corridor. It is socially, environmentally and economically unjustified, and has no social licence to operate here.

I acknowledge that my name will appear on my submission when publicly exhibited.

Yours sincerely

Name	I. KARBIC
Address	25 GORDON AVE INGLEBURN 2565
Signature	I. Karbic
Date	7.12.2012

To:  
Mining and Industry Projects  
Department of Planning  
GPO Box 39  
SYDNEY NSW 2001

IF THIS PROJECT GO  
AHEAD - IT IS CRIMINAL

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Yours sincerely

Name	M. KARBIĆ
Address	25 GORDON AVE - INGLEBURN - 2565
Signature	M. Karbić
Date	6/12/2012

Mining and Industry Projects  
Department of Planning  
GPO Box 39  
SYDNEY NSW 2001



10th December 2012

RE: project application number (09\_0048)

We are writing to object to AGL's proposed Camden Gas Project northern expansion.

We oppose the application for the following reasons:

Coal seam gas (CSG) mining has not been proved safe and should not be allowed to continue anywhere until truly independent scientific research can prove the following:

- the industry provides a significant reduction in greenhouse gas emissions relative to coal, and is necessary in facilitating the transition from coal to renewable sources of energy (rather than drawing investment away from the latter),
- that it is safe and does not cause irreparable damage to other sustainable land uses and water resources (surface and ground), and only then be allowed to continue if and when
- appropriate legislation and truly independent monitoring can be put in place to guarantee the above.

Specifically in relation to the Camden Gas Project Stage 3 and parts of Stage 2 (Sydney Metropolitan Area):  
CSG should be prohibited in these areas NOW:

- *AGL's Camden Gas Project Stage 3 should NOT be approved*
- *The O'Farrell Government should immediately cancel AGL's Petroleum Exploration License No.2 (PEL2) which covers Western Sydney, and cancel its petroleum production leases in residential or rural-residential areas of south west Sydney, specifically PPL5.*
- *The government should cancel and not approve any other licences or leases in the Sydney Metropolitan Area and similarly identified areas of planning conflict.*
- *A moratorium should be applied elsewhere until the future of coal seam gas can be determined.*

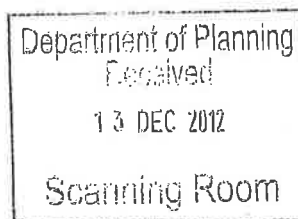
**Drilling for gas in residential areas shows total disregard for the local community. Putting at risk the water supply for the people of Sydney is unforgivable. In consideration of the proposed Camden Gas Project northern expansion, we urge common sense to prevail and the health of the local community and environment to take precedence over profit and business interests.**

Yours sincerely,

  
Marta Karbic

  
Izidor Karbic

Marta and Izidor Karbic  
25 Gordon Avenue  
INGLEBURN NSW 2565





[New South Wales Government](#)

[Department of Planning](#)

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## **Suzana Karbic, of Chatswood West NSW, made the following submission on the project:**

### **Camden Gas Project Stage 3 Northern Expansion**



#### **Objects to this project**

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The government should cancel and not approve any other licences or leases in the Sydney Metropolitan Area and similarly identified areas of planning conflict.

A moratorium should be applied elsewhere until the future of coal seam gas can be determined.

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**From:** aber karhani <djwild1@hotmail.com>  
**To:** <plan\_comment@planning.nsw.gov.au>  
**Date:** 12/17/2012 9:40 pm  
**Subject:** Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS:

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Yours sincerely,  
aber karhani

**From:** tha karla <tha\_karla@yahoo.com.au>  
**To:** plan\_comment@planning.nsw.gov.au  
**Date:** 12/18/2012 11:59 pm  
**Subject:** Don't Sacrifice Greater Western Sydney to Coal Seam Gas

tha\_karla@yahoo.com.au

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Camden Gas Project Stage 3, Project Application 09\_0048

Fracking chemicals are toxic poisonous and cause potential sever harm to our community

This practice is currently illegal in France and Bulgaria and tempoarily ceased in Canada and some states of the USA due to public safety!!!

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Yours sincerely,  
tha karla

**From:** Hayley Katzen <hayleykatzen@gmail.com>  
**To:** plan\_comment@planning.nsw.gov.au  
**Date:** 12/18/2012 3:43 pm  
**Subject:** Don't Sacrifice Greater Western Sydney to Coal Seam Gas

764 Ewingar Road  
Ewingar NSW 2469

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Yours sincerely,  
Hayley Katzen

**From:** John Kaye <jgk@exemail.com.au>  
**To:** <plan\_comment@planning.nsw.gov.au>  
**Date:** 12/15/2012 5:10 pm  
**Subject:** Submission Camden Gas Project Stage 3, Project Application 09\_0048

John Kaye  
350 Merriwa Road  
Denman, NSW, 2328

Re: Camden Gas Project Stage 3, Project Application 09\_0048

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John Kaye

**From:** barry kean <campack@optusnet.com.au>  
**To:** <plan\_comment@planning.nsw.gov.au>  
**Date:** 12/13/2012 10:42 am  
**Subject:** Don't Sacrifice Greater Western Sydney to Coal Seam Gas

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Yours sincerely,  
barry kean

**From:** Jasmine Kean <Brilhonosojos@gmail.com>  
**To:** <plan\_comment@planning.nsw.gov.au>  
**Date:** 12/13/2012 12:24 pm  
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- There are alternatives to coal seam gas, including renewable energy which can offer energy security without the unacceptable environmental and health risks posed by coal seam gas extraction.

**From:** Bronwyn Keatley <lee\_rangi@hotmail.com>  
**To:** plan\_comment@planning.nsw.gov.au  
**Date:** 12/18/2012 8:39 pm  
**Subject:** Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS:  
1/4 Murray Hilton Cl  
Agnes Water Qld 4670

Re: Camden Gas Project Stage 3, Project Application 09\_0048

Please accept this as a submission on the Camden Gas Project Stage 3 Northern Expansion which is currently on public exhibition. I object to AGL's project application 09\_0048 to drill for coal seam gas in Western Sydney.

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I urge you to reject the proposal by AGL to drill 66 new coal seam gas production wells on the grounds that:

- Reports from Queensland and overseas show that there are serious risks to air quality and human health from unconventional gas drilling. However there have been no detailed studies done to quantify those risks especially in urban areas. The people of Camden and Campbelltown should not be treated like guinea pigs in a coal seam gas experiment.
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To:  
Mining and Industry Projects  
Department of Planning  
GPO Box 39  
SYDNEY NSW 2001

Dear Sir/Madam

**Re: Camden Gas Project Stage 3, Project Application 09\_0048**

I object to AGL's project application 09\_0048 to mine for coal seam gas (CSG) in Campbelltown and Camden. The key reasons for my objection are stated below.

I am concerned that CSG mining is a technologically-evolving industry whose impacts have not been independently and scientifically fully researched and remain largely unknown. This view is supported by professional organisations and academics in evidence to the NSW Upper House and Senate Inquiries into Coal Seam Gas Mining in 2011 and by subsequent research here and overseas. We have had to rely on the industry for much of our information when the industry has a vested interest in the outcome. AGL is no different. It claims that the Camden Gas Project has been safely operating for 10 years. Yet we understand that impacts on groundwater and air quality have not been adequately monitored, and while AGL has been operating under an Environmental Protection Licence (EPL No. 12003), it has been allowed to self-monitor its compliance, self-investigate incidents and self-report such that we do not know what true impacts it may have had. Third party consultants and external laboratories that are engaged and paid for by the industry are not *independent*. Nor is any funded or co-funded research by the CSG mining industry. These lessons should have been learnt with asbestos in Australia and with 'Big Tobacco' in the USA. The National Water Commission in its Position Statement (3<sup>rd</sup> December 2010) said that impacts may emerge over a long time period. I am deeply concerned that the costs of unforeseen problems will be borne by the community and taxpayers after AGL is long gone from the area. This is grossly irresponsible.

Doctors for the Environment Australia claims that health impacts from CSG mining have not been assessed. Preliminary research from Queensland (e.g. by Southern Cross University in Tara) and overseas is deeply concerning, especially where fracking has been used. As at December 2011, 85% of the production wells in the Camden Gas Project had been fracked (evidence from the NSW Upper House Inquiry) with inadequate monitoring of its impacts on water in particular. AGL claims that the use of horizontal wells in the proposed Stage 3 will reduce the need for fracking, but it seems that this is not entirely true since it has reserved the right to frack these wells in the future if/when the technology becomes available. The size of the proposed well clusters and any fracking of horizontal wells are both new and untested here. It will therefore be entirely experimental with unknown outcomes on health and property including the possibility of subsidence under so many urban properties.

I am also concerned about evidence from Queensland and overseas on air quality and the cumulative impact of AGL's expansion into an area that already experiences incidents of unacceptable levels of air pollution (ozone and fine particles) associated with respiratory problems (NSW Environmental Protection Authority). AGL's past performance gives no confidence that it has not already contributed to this or that it can be managed in the future,

having admitted in August this year that it had not conducted continuous air monitoring at its Rosalind Park Gas Treatment Plant for three years in breach of its EPL No.12003.

Allowing CSG mining in areas that are not zoned for heavy industry undermines zoning controls and confidence in the planning process, and creates severe land use conflicts, economic instability and inequity. It will disrupt religious communities whose vocations have so far been protected by the Scenic Hills zoning; it will place undue burden on small rural allotments whose capacity to cope is severely reduced by size (thereby threatening the survival of the entire historic Scenic Hills), and it is unsightly and unsafe in urban areas with a potential escalation in CSG mining incidents and accidents associated with the more intense urban activity (traffic, people etc.), the presence of children, and potential for vandalism. The consequent impact on land and house values for existing land and home owners may be devastating. For many people the home is their largest asset and is often leveraged to support small business. Any devaluation by bank assessors may destroy livelihoods and life savings.

I do not believe that the NSW Government's new regulations for CSG mining will ensure its safe operation here. As the only commercially producing CSG field in NSW, the Camden Gas Project has already been operating under consent conditions. Yet the NSW Government has not been able to ensure compliance, as evidenced by on-going breaches by AGL of its licence conditions, and the discovery of incidents that might not have been reported were it not for community vigilance, such as the Sugarloaf well incident in May 2011 in Menangle that allowed well contents to drift over Sydney's water channel and to nearby Glen Alpine houses.

The proposal poses risks to Sydney's water in general and to the South West in particular that have not been adequately assessed. While AGL claims that the *geology of the Sydney Basin is well known*, AGL's rationale for the constant modification of prior stages of the Camden Gas Project seems to contradict this, as does its admission to the Scenic Hills Association that it does not know where the aquifers here run to but *probably Sydney Harbour*. Potential impacts on Sydney Harbour, on the nearby Sydney Water Catchment, and AGL's proposal to run its gas gathering pipeline along Sydney's Upper Canal on public land are unacceptable risks to Sydney's water, and are an abuse of public property for the benefit of private investors.

AGL will continue to produce about 5% of NSW's gas from the Camden Gas Project according to evidence it gave under oath at the NSW Upper House Inquiry. The risks and potential costs to the community do not justify this, particularly since 150,000+ people already live and work in the immediate affected area, and this is in Sydney's south west growth corridor. It is socially, environmentally and economically unjustified, and has no social licence to operate here.

I acknowledge that my name will appear on my submission when publicly exhibited.

Yours sincerely

Name	JENNELL KEEGAN
Address	25 TABOURIE STREET LEUMEAIT
Signature	J. Keegan
Date	9/12/2012

9<sup>th</sup> December, 2012

25 Tabourie Street  
Leumeah NSW 2560

Mining and Industry Projects  
GPO Box 39  
SYDNEY NSW 2001

Dear Sir/Madam,

**Re: Camden Gas Project Stage 3, Project Application 09-0048**

I object to AGL's project application 09-0048 to mine for coal seam gas (CSG) in Campbelltown and Camden. The main reasons for this are stated below.

I first saw this area in the sixties when I was 15 years old and fell in love with the place. It was like living in the country. When I married we built a house here in Durras Place Leumeah and moved in at the end of 1974, before there was even an F5 or a university, flood mitigation works or anything else. We finally did have those things built along with many other good things. My mother moved out here from Guildford in 1982 and bought a house at 25 Tabourie Street, Leumeah, the house I now own. We were also given Public Housing on a grand scale.

In 1987 we purchased 2 acres in Ben Lomond Road, Minto Heights, and built a house. Just a couple of months after moving in, we were told the area was destined for an Airport. What an immense amount of upset, worry and misery. Our property and everyone else's around us obviously hit rock bottom. Our place, after getting an appraisal was worth half of what it had just cost us. We couldn't afford to move, so we had to stay. Fortunately, the airport didn't happen, but only after a lot of protesting and uncertainty. This of course didn't lessen the immense worry and pressure everyone was under. We found out that it was a red herring and was never going to go in anyway. What a joke.

I am sure all the people in the area who have just purchased, or built a new home feel exactly the same as we felt then, and do feel now. After my marriage ended in 1997 I later on, sold the acreage and purchased Tabourie Street, after my mother passed away. This is where I had intended to spend the rest of my time. BUT OH NO, HERE WE GO AGAIN. I am getting really sick to death of this rubbish. I am nearing retirement, the whole county is in turmoil over these rotten coal seam gas wells all over the place. I now only have two options left. If they go through, it means I would have to move to Victoria, where they are banned. My house again will be worth peanuts just as it was before, and of course I will not be able to sell anyway, as no one, including me will wish to live near or on top of a gas well.

My property backs onto Smith's Creek and Illawarra Reserve, and I don't have neighbours at my back fence. I like it here and wish to stay, and am very fearful of the results of fractured mines, chemicals destroying the creeks and water table in this area. Have seen the films ages ago, on the destruction in USA.

If this coal seam gas mining goes ahead, I don't see myself staying in this beloved country. My ancestors came here from Ireland after the potato famine and to think that now we may possibly have to go upsets me greatly.

We've had all the rubbish heaped on us by the Federal Government, carbon tax etc and this is the last straw. Don't understand what Barry O'Farrell is doing by agreeing to it. Thought politicians were supposed to be working for the people. Interest rates, are down the tube, just as I am retiring and trying to be self-sufficient.

If this coal seam gas project goes ahead I can see myself moving to another country, probably New Zealand, and all my savings will go along with me, and I will never come back. My brother has done this, some years ago because it is so expensive to live here anywhere around Sydney, and no matter where you live here, there seems to be problems where your house is being purchased for next to nothing to put in a rail line, underground motorway etc. because the infrastructure was never put in properly in the first place. We are light years behind other countries, and also laughed and joked about as a country, by overseas people.

I am not the only person that feels this way, I have spoken to people around the area, just on the supermarket line, and they have no intentions of staying here. They are moving to Bali, New Zealand or anywhere else they choose to go. Unfortunately, this once beautiful country Australia is going backwards not forwards and Coal Seam Gas is the worst thing so far to be been thrown at this area. Water we can't drink or bathe in, toxic fumes, rupture, as has already happened at Menangle, The destruction of bushland, animals, and the SO CALLED, PROTECTED SCENIC HILLS.

So, here comes the immense, worry misery and pressure just like before, but instead of a noisy airport, it will be the destruction of the whole area, as there are no guarantees that your Coal Seam Gas Project will not damage the environment and water.

Yours faithfully,

A handwritten signature in black ink, appearing to read 'J. Keegan'.

Jennell Keegan

**From:** Ben Keelty <benkshapes@hotmail.com>  
**To:** <plan\_comment@planning.nsw.gov.au>  
**Date:** 12/17/2012 11:42 pm  
**Subject:** Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS:

Re: Camden Gas Project Stage 3, Project Application 09\_0048

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**From:** BENJAMIN KEELTY <ben@bkboards.com.au>  
**To:** <plan\_comment@planning.nsw.gov.au>  
**Date:** 12/12/2012 6:10 pm  
**Subject:** Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS: avalon Nsw 2107

Re: Camden Gas Project Stage 3, Project Application 09\_0048

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Yours sincerely,  
BENJAMIN KEELTY

[New South Wales Government](#)

[Department of Planning](#)

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## **Daniil Keen, of Ingelburn NSW, made the following submission on the project:**

### **Camden Gas Project Stage 3 Northern Expansion**



#### **Objects to this project**

Dear Sir / Madam

I think it is dangerous project. Pure natural gas is colorless and odorless. Any leak will be hard to detect from so many wells. In the winter we have a part of the season without wind. Only when you start a fire place or BBQ, smoke a cigarette or start a car your will explosion. AGL could't guarantee safety. Please check information on web just type it: Natural gas leak accidents around the world. I object this project because of the safety concern

**From:** Melissa Keen <old\_sparky\_99@hotmail.com>  
**To:** <plan\_comment@planning.nsw.gov.au>  
**Date:** 12/17/2012 4:38 pm  
**Subject:** Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS:

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**From:** frank keitel <frankkeitel@yahoo.com>  
**To:** <plan\_comment@planning.nsw.gov.au>  
**Date:** 12/17/2012 7:01 pm  
**Subject:** Don't Sacrifice Greater Western Sydney to Coal Seam Gas

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Yours sincerely,  
frank keitel

**From:** sven keller <sven@netcologne.de>  
**To:** <plan\_comment@planning.nsw.gov.au>  
**Date:** 12/17/2012 10:53 pm  
**Subject:** Don't Sacrifice Greater Western Sydney to Coal Seam Gas

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Yours sincerely,  
sven keller

**From:** Alan Kelly <alanozkelly@gmail.com>  
**To:** <plan\_comment@planning.nsw.gov.au>  
**Date:** 12/18/2012 1:33 am  
**Subject:** Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS:

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**From:** Belinda Kelly <belinda.kelly@gmx.com>  
**To:** <plan\_comment@planning.nsw.gov.au>  
**Date:** 12/13/2012 1:45 pm  
**Subject:** Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS:

Re: Camden Gas Project Stage 3, Project Application 09\_0048

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Yours sincerely,  
Belinda Kelly

**From:** jan kelly <jan.kelly@bigpond.com>  
**To:** <plan\_comment@planning.nsw.gov.au>  
**Date:** 12/14/2012 11:53 am  
**Subject:** Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS: 1385 waterworks road  
THE GAP QLD 4061

Re: Camden Gas Project Stage 3, Project Application 09\_0048

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Yours sincerely,  
jan kelly

**From:** Jennifer Kemp <Sweetpeajk@icloud.com>  
**To:** plan\_comment@planning.nsw.gov.au  
**Date:** 12/18/2012 7:12 pm  
**Subject:** Don't Sacrifice Greater Western Sydney to Coal Seam Gas

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Yours sincerely,  
Jennifer Kemp

**From:** Sarah KENDELL <sarahkendell@hotmail.com>  
**To:** <plan\_comment@planning.nsw.gov.au>  
**Date:** 12/13/2012 9:55 pm  
**Subject:** Don't Sacrifice Greater Western Sydney to Coal Seam Gas

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- Reports from Queensland and overseas show that there are serious risks to air quality and human health from unconventional gas drilling. However there have been no detailed studies done to quantify those risks especially in urban areas. The people of Camden and Campbelltown should not be treated like guinea pigs in a coal seam gas experiment.
- People's homes should not be undermined by coal seam gas drilling without their knowledge or permission.
- Homeowners face declining property values within and adjoining coal seam gas fields with some estimating house values may fall up to 30%.
- The integrity of gas wells can't be guaranteed and research from gas fields in Queensland and the US has shown many fail in their first few year. This will leave the community to deal with the impact of leaking wells on air quality and local water supplies.
- New research from Southern Cross University on methane gas leaks from coal seam gas fields has not been considered in the proposal. AGL has not conducted these studies to account for methane leakage on their existing coal seam gas wells.
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- The impacts of horizontal drilling have not been adequately considered in the Environmental Assessment.
- There are alternatives to coal seam gas, including renewable energy which can offer energy security without the unacceptable environmental and health risks posed by coal seam gas extraction.

**From:** Anne Kennedy <annkenn@bigpond.com>  
**To:** <plan\_comment@planning.nsw.gov.au>  
**Date:** 12/17/2012 4:30 pm  
**Subject:** Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS: "Yuma", Billeroy Road, Coonamble, NSW 2829

Re: Camden Gas Project Stage 3, Project Application 09\_0048

Please accept this as a submission on the Camden Gas Project Stage 3 Northern Expansion which is currently on public exhibition. I object to AGL's project application 09\_0048 to drill for coal seam gas in Western Sydney.

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- The impacts of horizontal drilling have not been adequately considered in the Environmental Assessment.
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Yours sincerely,  
Anne Kennedy



**From:** Alison Kent <a\_kent@live.com.au>  
**To:** plan\_comment@planning.nsw.gov.au  
**Date:** 12/18/2012 4:58 pm  
**Subject:** Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS:

Re: Camden Gas Project Stage 3, Project Application 09\_0048

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Yours sincerely,  
Alison Kent

**From:** grace kent <grace.kent@bigpond.com>  
**To:** <plan\_comment@planning.nsw.gov.au>  
**Date:** 12/17/2012 7:53 pm  
**Subject:** Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS:

Re: Camden Gas Project Stage 3, Project Application 09\_0048

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Yours sincerely,  
grace kent

**From:** Jennifer Kent <jenniferknt@gmail.com>  
**To:** <plan\_comment@planning.nsw.gov.au>  
**Date:** 12/16/2012 3:17 pm  
**Subject:** Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS: 132 Hurstville Road, Oatley NSW 2223

Re: Camden Gas Project Stage 3, Project Application 09\_0048

Please accept this as a submission on the Camden Gas Project Stage 3 Northern Expansion which is currently on public exhibition. I object to AGL's project application 09\_0048 to drill for coal seam gas in Western Sydney.

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Yours sincerely,  
Jennifer Kent

**From:** cheryl kentwell <chezza\_k@hotmail.com>  
**To:** <plan\_comment@planning.nsw.gov.au>  
**Date:** 12/12/2012 7:04 pm  
**Subject:** Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS:

Re: Camden Gas Project Stage 3, Project Application 09\_0048

Please accept this as a submission on the Camden Gas Project Stage 3 Northern Expansion which is currently on public exhibition. I object to AGL's project application 09\_0048 to drill for coal seam gas in Western Sydney.

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I urge you to reject the proposal by AGL to drill 66 new coal seam gas production wells on the grounds that:

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Yours sincerely,  
cheryl kentwell

**From:** Anna Keohan <aekeohan@yahoo.com.au>  
**To:** plan\_comment@planning.nsw.gov.au  
**Date:** 12/22/2012 10:04 am  
**Subject:** submission to Camden Gas Project Stage 3, Project Application 09\_0048

SUBJECT: Camden Gas Project Stage 3, Project Application 09\_0048

This submission is objecting to the above proposal to allow AGL to drill for coal seam gas in Western Sydney.

Please do not approve any applications to drill for CSG in Western Sydney, or in any parts of NSW.

You represent the COMMUNITY and have the responsibility to care for the health and wellbeing of people, as well as the protection of our environment, food source and water supply - not to further the greed and exploitation of our resources by AGL or any other CSG companies.

There is abundant evidence both here in Australia and overseas that CSG mining is NOT safe, not environmentally sound, and furthermore it is simply exploiting another FOSSIL FUEL that is available in finite supply. The race to exploit it will be devastating to our future, and it also distracts from the focus we should be exerting on implementing true renewable clean energy alternatives.

Reasons to reject this application include:-

- Reports from Queensland and overseas show that there are serious risks to air quality and human health from unconventional gas drilling. However there have been no detailed studies done to quantify those risks especially in urban areas. The people of Camden and Campbelltown should not be treated like guinea pigs in a coal seam gas experiment.
- People's homes should not be undermined by coal seam gas drilling without their knowledge or permission.
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- Despite research from the Queensland and the US suggesting ground water contamination and gas leaks from fracking, the proposal by AGL will allow fracking.
- The impacts of horizontal drilling have not been adequately considered in the Environmental Assessment.
- There are alternatives to coal seam gas, including renewable energy which can offer energy security without the unacceptable environmental and health risks posed by coal seam gas extraction.

Reject this application, and any future applications, now. Protect the community of Western Sydney.

Sincerely yours  
Anna Keohan

**From:** Pippa Kern <pippakern@hotmail.com>  
**To:** <plan\_comment@planning.nsw.gov.au>  
**Date:** 12/13/2012 10:31 am  
**Subject:** Don't Sacrifice Greater Western Sydney to Coal Seam Gas

182 Indooroopilly Rd, Taringa QLD 4068

Re: Camden Gas Project Stage 3, Project Application 09\_0048

Please accept this as a submission on the Camden Gas Project Stage 3 Northern Expansion which is currently on public exhibition. I object to AGL's project application 09\_0048 to drill for coal seam gas in Western Sydney.

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- New research from Southern Cross University on methane gas leaks from coal seam gas fields has not been considered in the proposal. AGL has not conducted these studies to account for methane leakage on their existing coal seam gas wells.

At the very least, mandatory baseline gas measurement are a must for any proposed CSG developments.

- Despite research from the Queensland and the US suggesting ground water contamination and gas leaks from fracking, the proposal by AGL will allow fracking.

- The impacts of horizontal drilling have not been adequately considered in the Environmental Assessment.

- There are alternatives to coal seam gas, including renewable energy which can offer energy security without the unacceptable environmental and health risks posed by coal seam gas extraction.

Yours sincerely,  
Pippa Kern

**From:** Laing Kerns-Stokes <laing88@hotmail.com>  
**To:** <plan\_comment@planning.nsw.gov.au>  
**Date:** 12/17/2012 7:41 pm  
**Subject:** Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS: 38 Bottlebrush Cres, Byron Hills, NSW 2480

Re: Camden Gas Project Stage 3, Project Application 09\_0048

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Yours sincerely,  
Laing Kerns-Stokes

**From:** Patricia Kerry <tish\_kerry@yahoo.com.au>  
**To:** <plan\_comment@planning.nsw.gov.au>  
**Date:** 12/12/2012 4:46 pm  
**Subject:** Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS:

Re: Camden Gas Project Stage 3, Project Application 09\_0048

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Yours sincerely,  
Patricia Kerry



**From:** Charlie Kessler <charlie.kessler@pdfa.com.au>  
**To:** <plan\_comment@planning.nsw.gov.au>  
**Date:** 12/17/2012 4:55 pm  
**Subject:** Don't Sacrifice Greater Western Sydney to Coal Seam Gas

396 Milsons Arm Road Wollombi NSW 2325

Re: Camden Gas Project Stage 3, Project Application 09\_0048

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Yours sincerely,  
Charlie Kessler

[New South Wales Government](#)

[Department of Planning](#)

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**Merrilee Kessler, of Campbelltown NSW, made the following submission on the project:**

## **Camden Gas Project Stage 3 Northern Expansion**



### **Objects to this project**

I strongly oppose the Camden Gas project Northern expansion. Mining is not appropriate in suburban areas and the long term health and environmental effects are not known.

**From:** Annie Kia <kiahart@internode.on.net>  
**To:** <plan\_comment@planning.nsw.gov.au>  
**Date:** 12/17/2012 4:47 pm  
**Subject:** Don't Sacrifice Greater Western Sydney to Coal Seam Gas

98 Tuntable Creek Road, The Channon NSW 2480

Re: Camden Gas Project Stage 3, Project Application 09\_0048

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Yours sincerely,  
Annie Kia

**From:** Tamara Killick <tamara.killick@gmail.com>  
**To:** <plan\_comment@planning.nsw.gov.au>  
**Date:** 12/17/2012 10:11 pm  
**Subject:** Don't Sacrifice Greater Western Sydney to Coal Seam Gas

Stanmore, Sydney 2048

Re: Camden Gas Project Stage 3, Project Application 09\_0048

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Yours sincerely,  
Tamara Killick

**From:** Gillian King <gillianbking@gmail.com>  
**To:** <plan\_comment@planning.nsw.gov.au>  
**Date:** 12/14/2012 2:21 pm  
**Subject:** Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS: 119 Shirley Road, Roseville, NSW

Re: Camden Gas Project Stage 3, Project Application 09\_0048

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**From:** sharon kinnison <skkinnison@gmail.com>  
**To:** <plan\_comment@planning.nsw.gov.au>  
**Date:** 12/18/2012 9:03 am  
**Subject:** Don't Sacrifice Greater Western Sydney to Coal Seam Gas

1 Kevin Ave, Scotland Island, NSW 2105

Re: Camden Gas Project Stage 3, Project Application 09\_0048

Please accept this as a submission on the Camden Gas Project Stage 3 Northern Expansion which is currently on public exhibition. I object to AGL's project application 09\_0048 to drill for coal seam gas in Western Sydney.

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**From:** Cathy Kirkpatrick <nomadicfish@gmail.com>  
**To:** <plan\_comment@planning.nsw.gov.au>  
**Date:** 12/18/2012 12:25 am  
**Subject:** Don't Sacrifice Greater Western Sydney to Coal Seam Gas

Cathy Kirkpatrick  
6 Old Canterbury Rd,  
Lewisham NSW 2049

Re: Camden Gas Project Stage 3, Project Application 09\_0048

Dear Sir / Madam,

I urge you, to reconsider allowing AGL, or any other company, to drill new wells, seeking coal seam gas. I am utterly against such endeavours in or near residential areas. This is a major concern for me, and will certainly effect my political affiliation.

I urge you, to use all your power to reverse plans for such drilling.

Please accept this as a submission on the Camden Gas Project Stage 3 Northern Expansion which is currently on public exhibition. I object to AGL's project application 09\_0048 to drill for coal seam gas in Western Sydney.

Please put the health and well-being of the people of Greater Western Sydney above the profits of AGL who plan to expand their gas field around and under people's homes and businesses.

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- Reports from Queensland and overseas show that there are serious risks to air quality and human health from unconventional gas drilling. However there have been no detailed studies done to quantify those risks especially in urban areas. The people of Camden and Campbelltown should not be treated like guinea pigs in a coal seam gas experiment.
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- Despite research from the Queensland and the US suggesting ground water contamination and gas leaks from fracking, the proposal by AGL will allow fracking.
- The impacts of horizontal drilling have not been adequately considered in the Environmental Assessment.
- There are alternatives to coal seam gas, including renewable energy which can offer energy security without the unacceptable environmental and health risks posed by coal seam gas extraction.

Thank you for considering this matter.  
Yours sincerely,  
Cathy Kirkpatrick

**From:** Llaszlo Kiss <llaszlo@yahoo.com>  
**To:** <plan\_comment@planning.nsw.gov.au>  
**Date:** 12/17/2012 4:56 pm  
**Subject:** Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS:

Re: Camden Gas Project Stage 3, Project Application 09\_0048

Please accept this as a submission on the Camden Gas Project Stage 3 Northern Expansion which is currently on public exhibition. I object to AGL's project application 09\_0048 to drill for coal seam gas in Western Sydney.

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Yours sincerely,  
Llaszlo Kiss



To:  
Mining and Industry Projects  
Department of Planning  
GPO Box 39  
SYDNEY NSW 2001

Dear Sir/Madam

**Re: Camden Gas Project Stage 3, Project Application 09\_0048**

I object to AGL's project application 09\_0048 to mine for coal seam gas (CSG) in Campbelltown and Camden. The key reasons for my objection are stated below.

I am concerned that CSG mining is a technologically-evolving industry whose impacts have not been independently and scientifically fully researched and remain largely unknown. This view is supported by professional organisations and academics in evidence to the NSW Upper House and Senate Inquiries into Coal Seam Gas Mining in 2011 and by subsequent research here and overseas. We have had to rely on the industry for much of our information when the industry has a vested interest in the outcome. AGL is no different. It claims that the Camden Gas Project has been safely operating for 10 years. Yet we understand that impacts on groundwater and air quality have not been adequately monitored, and while AGL has been operating under an Environmental Protection Licence (EPL No. 12003), it has been allowed to self-monitor its compliance, self-investigate incidents and self-report such that we do not know what true impacts it may have had. Third party consultants and external laboratories that are engaged and paid for by the industry are not *independent*. Nor is any funded or co-funded research by the CSG mining industry. These lessons should have been learnt with asbestos in Australia and with 'Big Tobacco' in the USA. The National Water Commission in its Position Statement (3<sup>rd</sup> December 2010) said that impacts may emerge over a long time period. I am deeply concerned that the costs of unforeseen problems will be borne by the community and taxpayers after AGL is long gone from the area. This is grossly irresponsible.

Doctors for the Environment Australia claims that health impacts from CSG mining have not been assessed. Preliminary research from Queensland (e.g. by Southern Cross University in Tara) and overseas is deeply concerning, especially where fracking has been used. As at December 2011, 85% of the production wells in the Camden Gas Project had been fracked (evidence from the NSW Upper House Inquiry) with inadequate monitoring of its impacts on water in particular. AGL claims that the use of horizontal wells in the proposed Stage 3 will reduce the need for fracking, but it seems that this is not entirely true since it has reserved the right to frack these wells in the future if/when the technology becomes available. The size of the proposed well clusters and any fracking of horizontal wells are both new and untested here. It will therefore be entirely experimental with unknown outcomes on health and property including the possibility of subsidence under so many urban properties.

I am also concerned about evidence from Queensland and overseas on air quality and the cumulative impact of AGL's expansion into an area that already experiences incidents of unacceptable levels of air pollution (ozone and fine particles) associated with respiratory problems (NSW Environmental Protection Authority). AGL's past performance gives no confidence that it has not already contributed to this or that it can be managed in the future,

having admitted in August this year that it had not conducted continuous air monitoring at its Rosalind Park Gas Treatment Plant for three years in breach of its EPL No.12003.

Allowing CSG mining in areas that are not zoned for heavy industry undermines zoning controls and confidence in the planning process, and creates severe land use conflicts, economic instability and inequity. It will disrupt religious communities whose vocations have so far been protected by the Scenic Hills zoning; it will place undue burden on small rural allotments whose capacity to cope is severely reduced by size (thereby threatening the survival of the entire historic Scenic Hills), and it is unsightly and unsafe in urban areas with a potential escalation in CSG mining incidents and accidents associated with the more intense urban activity (traffic, people etc.), the presence of children, and potential for vandalism. The consequent impact on land and house values for existing land and home owners may be devastating. For many people the home is their largest asset and is often leveraged to support small business. Any devaluation by bank assessors may destroy livelihoods and life savings.


I do not believe that the NSW Government's new regulations for CSG mining will ensure its safe operation here. As the only commercially producing CSG field in NSW, the Camden Gas Project has already been operating under consent conditions. Yet the NSW Government has not been able to ensure compliance, as evidenced by on-going breaches by AGL of its licence conditions, and the discovery of incidents that might not have been reported were it not for community vigilance, such as the Sugarloaf well incident in May 2011 in Menangle that allowed well contents to drift over Sydney's water channel and to nearby Glen Alpine houses.

The proposal poses risks to Sydney's water in general and to the South West in particular that have not been adequately assessed. While AGL claims that the *geology of the Sydney Basin is well known*, AGL's rationale for the constant modification of prior stages of the Camden Gas Project seems to contradict this, as does its admission to the Scenic Hills Association that it does not know where the aquifers here run to but *probably Sydney Harbour*. Potential impacts on Sydney Harbour, on the nearby Sydney Water Catchment, and AGL's proposal to run its gas gathering pipeline along Sydney's Upper Canal on public land are unacceptable risks to Sydney's water, and are an abuse of public property for the benefit of private investors.

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I acknowledge that my name will appear on my submission when publicly exhibited.

Yours sincerely

Name	Rebecca Klarich
Address	41 Colombia Street, Kearns . NSW
	2558
Signature	
Date	16-12-12

**From:** Michelle Klatt <michelleklatt@bigpond.com>  
**To:** <plan\_comment@planning.nsw.gov.au>  
**Date:** 12/17/2012 8:17 pm  
**Subject:** Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS:

Re: Camden Gas Project Stage 3, Project Application 09\_0048

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Yours sincerely,  
Michelle Klatt

**From:** Colleen Kneipp <ckneipp@gmail.com>  
**To:** <plan\_comment@planning.nsw.gov.au>  
**Date:** 12/13/2012 4:05 pm  
**Subject:** Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS: 396 Whian Whian Road WHIAN WHIAN NSW 2480

Re: Camden Gas Project Stage 3, Project Application 09\_0048

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Yours sincerely,  
Colleen Kneipp

**From:** Thelma Knibb <thelknibb@gmail.com>  
**To:** <plan\_comment@planning.nsw.gov.au>  
**Date:** 12/13/2012 8:00 am  
**Subject:** Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS: 11 Teak Road Federal Via Lismore

Re: Camden Gas Project Stage 3, Project Application 09\_0048

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Yours sincerely,  
Thelma Knibb

**From:** gillian knott <umthingy@activ8.net.au>  
**To:** <plan\_comment@planning.nsw.gov.au>  
**Date:** 12/17/2012 5:25 pm  
**Subject:** Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS:

Re: Camden Gas Project Stage 3, Project Application 09\_0048

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Yours sincerely,  
gillian knott

**From:** Chris Knowles <Lickspittle@y7mail.com>  
**To:** <plan\_comment@planning.nsw.gov.au>  
**Date:** 12/18/2012 6:38 am  
**Subject:** Don't Sacrifice Greater Western Sydney to Coal Seam Gas

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Chris Knowles

**From:** David Knyvett <dknyvett@clermail.com>  
**To:** <plan\_comment@planning.nsw.gov.au>  
**Date:** 12/17/2012 4:04 pm  
**Subject:** Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS:

Re: Camden Gas Project Stage 3, Project Application 09\_0048

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Yours sincerely,  
David Knyvett



**From:** Yumi Kobayashi <yumikobayashi@hotmail.com>  
**To:** <plan\_comment@planning.nsw.gov.au>  
**Date:** 12/17/2012 6:08 pm  
**Subject:** Don't Sacrifice Greater Western Sydney to Coal Seam Gas

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Yumi Kobayashi

**From:** Matthew Koch <matthewkoch@gmail.com>  
**To:** <plan\_comment@planning.nsw.gov.au>  
**Date:** 12/17/2012 9:16 pm  
**Subject:** Don't Sacrifice Greater Western Sydney to Coal Seam Gas

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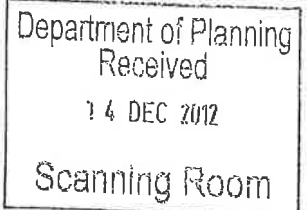
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Matthew Koch

To:  
Mining and Industry Projects  
Department of Planning  
GPO Box 39  
SYDNEY NSW 2001



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I acknowledge that my name will appear on my submission when publicly exhibited.

Yours sincerely

Name	Troy Koen S
Address	6 ridge view place Norwellan
Signature	
Date	12/12/12

**From:** Tibor Komlos <tibor21komlos@hotmail.com>  
**To:** <plan\_comment@planning.nsw.gov.au>  
**Date:** 12/17/2012 7:13 pm  
**Subject:** Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS: 95 Bower Street, manly, NSW, 2095

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- The integrity of gas wells can't be guaranteed and research from gas fields in Queensland and the US has shown many fail in their first few years. This will leave the community to deal with the impact of leaking wells on air quality and local water supplies.
- New research from Southern Cross University on methane gas leaks from coal seam gas fields has not been considered in the proposal. AGL has not conducted these studies to account for methane leakage on their existing coal seam gas wells.
- Despite research from the Queensland and the US suggesting ground water contamination and gas leaks from fracking, the proposal by AGL will allow fracking.
- The impacts of horizontal drilling have not been adequately considered in the Environmental Assessment.
- There are alternatives to coal seam gas, including renewable energy which can offer energy security without the unacceptable environmental and health risks posed by coal seam gas extraction.

Yours sincerely,  
Tibor Komlos

To:

Mining and Industry Projects  
Department of Planning  
GPO Box 39  
SYDNEY NSW 2001

Dear Sir/Madam

**Re: Camden Gas Project Stage 3, Project Application 09\_0048**

**I object** to AGL's project application 09\_0048 to mine for coal seam gas (CSG) in Campbelltown and Camden. The key reasons for my objection are stated below.

I am concerned that CSG mining is a technologically-evolving industry whose impacts have not been independently and scientifically fully researched and remain largely unknown. This view is supported by professional organisations and academics in evidence to the NSW Upper House and Senate Inquiries into Coal Seam Gas Mining in 2011 and by subsequent research here and overseas. We have had to rely on the industry for much of our information when the industry has a vested interest in the outcome. AGL is no different. It claims that the Camden Gas Project has been safely operating for 10 years. Yet we understand that impacts on groundwater and air quality have not been adequately monitored, and while AGL has been operating under an Environmental Protection Licence (EPL No. 12003), it has been allowed to self-monitor its compliance, self-investigate incidents and self-report such that we do not know what true impacts it may have had. Third party consultants and external laboratories that are engaged and paid for by the industry are not *independent*. Nor is any funded or co-funded research by the CSG mining industry. The National Water Commission in its Position Statement (3<sup>rd</sup> December 2010) said that impacts may emerge over a long time period. I am deeply concerned that the costs of unforeseen problems will be borne by the community and taxpayers after AGL is long gone from the area. This is grossly irresponsible.

Doctors for the Environment Australia claims that health impacts from CSG mining have not been assessed. Preliminary research from Queensland (e.g. by Southern Cross University in Tara) and overseas is deeply concerning, especially where fracking has been used. As at December 2011, 85% of the production wells in the Camden Gas Project had been fracked (evidence from the NSW Upper House Inquiry) with inadequate monitoring of its impacts on water in particular. AGL claims that the use of horizontal wells in the proposed Stage 3 will reduce the need for fracking, but it seems that this is not entirely true since it has reserved the right to frack these wells in the future if/when the technology becomes available. The size of the proposed well clusters and any fracking of horizontal wells are both new and untested here. It will therefore be entirely experimental with unknown outcomes on health and property including the possibility of subsidence under so many urban properties.

I am also concerned about evidence from Queensland and overseas on air quality and the cumulative impact of AGL's expansion into an area that already experiences incidents of unacceptable levels of air pollution (ozone and fine particles) associated with respiratory problems (NSW Environmental Protection Authority). AGL's past performance gives no confidence that it has not already contributed to this or that it can be managed in the future,

having admitted in August this year that it had not conducted continuous air monitoring at its Rosalind Park Gas Treatment Plant for three years in breach of its EPL No.12003.

Allowing CSG mining in areas that are not zoned for heavy industry undermines zoning controls and confidence in the planning process, and creates severe land use conflicts, economic instability and inequity. It will disrupt religious communities whose vocations have so far been protected by the Scenic Hills zoning; it will place undue burden on small rural allotments whose capacity to cope is severely reduced by size (thereby threatening the survival of the entire historic Scenic Hills), and it is unsightly and unsafe in urban areas with a potential escalation in CSG mining incidents and accidents associated with the more intense urban activity (traffic, people etc.), the presence of children, and potential for vandalism. The consequent impact on land and house values for existing land and home owners may be devastating. For many people the home is their largest asset and is often leveraged to support small business. Any devaluation by bank assessors may destroy livelihoods and life savings.


I do not believe that the NSW Government's new regulations for CSG mining will ensure its safe operation here. As the only commercially producing CSG field in NSW, the Camden Gas Project has already been operating under consent conditions. Yet the NSW Government has not been able to ensure compliance, as evidenced by on-going breaches by AGL of its licence conditions, and the discovery of incidents that might not have been reported were it not for community vigilance, such as the Sugarloaf well incident in May 2011 in Menangle that allowed well contents to drift over Sydney's water channel and to nearby Glen Alpine houses.

The proposal poses risks to Sydney's water in general and to the South West in particular that have not been adequately assessed. While AGL claims that the *geology of the Sydney Basin is well known*, AGL's rationale for the constant modification of prior stages of the Camden Gas Project seems to contradict this, as does its admission to the Scenic Hills Association that it does not know where the aquifers here run to but *probably Sydney Harbour*. Potential impacts on Sydney Harbour, on the nearby Sydney Water Catchment, and AGL's proposal to run its gas gathering pipeline along Sydney's Upper Canal on public land are unacceptable risks to Sydney's water, and are an abuse of public property for the benefit of private investors.

AGL will only ever produce about 5% of NSW's gas from the Camden Gas Project according to evidence it gave under oath at the NSW Upper House Inquiry. This does not justify the risks and potential costs to the community, particularly since 150,000+ people already live and work in the immediate affected area, and this is in Sydney's south west growth corridor. It is socially, environmentally and economically unjustified, and has no social licence to operate here.

I acknowledge that my name will appear on my submission when publicly exhibited.

Yours sincerely

Name	Peter Kotowski
Address	10 Triumph Pl. Ingleburn N.S.W.
Signature	
Date	12.12.2012



Mandy Burrows Kotzur  
10 Saddle Close  
Currans Hill NSW 2567

13 December 2012

Mining and Industry Projects  
Department of Planning  
GPO Box 39  
SYDNEY NSW 2001

Dear Sir/Madam

**Re: Camden Gas Project Stage 3, Project Application 09\_0048**

I object to AGL's project application 09\_0048 to mine for coal seam gas (CSG) in Campbelltown and Camden. The key reasons for my objection are stated below:-

- As a long term resident and a part of the Camden community, I am concerned about the health effects on my family and neighbours with both air and water quality. The long term health effects of coal seam gas exploration, fracking and mining is still unknown and there is no scientific data in evidence to support any 'safe' mining, particularly when so close to residential communities. My daughter is asthmatic and also suffers from seasonal allergies. I do not want her or any other family member or neighbour subjected to further air borne or water pollutants, particularly when the chemicals used in drilling and fracking are not approved for safe usage. I am aware of the previous incidences of unacceptable levels of air pollution in Queensland from AGL's expansion and its breaches with air monitoring. This is not acceptable that our health should be at risk.
- A further major concern is the impact on our community where our land and neighbourhood becomes industrialised and the flow on negative impact on our land and property values. How in all good conscience can NSW Planning consider allowing drilling and mining in Camden and Campbelltown, when the local region with a current population of 150,000 will continue its population growth and expansion plan of up to 500,000 people?
- The impact on heritage rural land such as Scenic Hills will have a devastating effect on the community that has held quiet enjoyment of that area for decades. This beautiful, quiet and rural landscape should not be spoiled by mining, gas pipe lines and storage wells and the community should not be forced to live along side this environmental disaster. It is an abuse of public property and the environment would be devastated beyond repair.

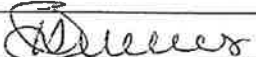
I believe that allowing CSG mining in areas that are not zoned for heavy industry undermines zoning controls and confidence in the planning process and creates severe land use conflicts, economic instability and inequity. As has been evidenced in QLD and reported in detail, the abhorrent mess created by mining and exploration in QLD continues to grow. The residents and tax payers that suffer loss of health, lifestyle and property continue to be left devastated and it is companies both foreign and local that will prosper from the tax payer.



It is my belief that this proposal is socially unjustifiable both environmentally and economically and NSW Planning has no grounds to consider it in this area.

I acknowledge that my name will appear on my submission when publicly exhibited.

Yours sincerely

<b>Name</b>	Mandy Burrows Kotzur
<b>Address</b>	10 Saddle Close
	Currans Hill NSW 2567
<b>Signature</b>	
<b>Date</b>	13 December 2012

**From:** Linda Kouvaras <lindaik@unimelb.edu.au>  
**To:** <plan\_comment@planning.nsw.gov.au>  
**Date:** 12/17/2012 4:51 pm  
**Subject:** Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS:

Re: Camden Gas Project Stage 3, Project Application 09\_0048

Please accept this as a submission on the Camden Gas Project Stage 3 Northern Expansion which is currently on public exhibition. I object to AGL's project application 09\_0048 to drill for coal seam gas in Western Sydney.

Please put the health and wellbeing of the people of Greater Western Sydney above the profits of AGL who plan to expand their gas field around and under people's homes and businesses.

I urge you to reject the proposal by AGL to drill 66 new coal seam gas production wells on the grounds that:

- Reports from Queensland and overseas show that there are serious risks to air quality and human health from unconventional gas drilling. However there have been no detailed studies done to quantify those risks especially in urban areas. The people of Camden and Campbelltown should not be treated like guinea pigs in a coal seam gas experiment.
- People's homes should not be undermined by coal seam gas drilling without their knowledge or permission.
- Homeowners face declining property values within and adjoining coal seam gas fields with some estimating house values may fall up to 30%.
- The integrity of gas wells can't be guaranteed and research from gas fields in Queensland and the US has shown many fail in their first few year. This will leave the community to deal with the impact of leaking wells on air quality and local water supplies.
- New research from Southern Cross University on methane gas leaks from coal seam gas fields has not been considered in the proposal. AGL has not conducted these studies to account for methane leakage on their existing coal seam gas wells.
- Despite research from the Queensland and the US suggesting ground water contamination and gas leaks from fracking, the proposal by AGL will allow fracking.
- The impacts of horizontal drilling have not been adequately considered in the Environmental Assessment.
- There are alternatives to coal seam gas, including renewable energy which can offer energy security without the unacceptable environmental and health risks posed by coal seam gas extraction.

Yours sincerely,  
Linda Kouvaras

**From:** Marian Krahe <krahem@gmail.com>  
**To:** <plan\_comment@planning.nsw.gov.au>  
**Date:** 12/13/2012 11:10 am  
**Subject:** Don't Sacrifice Greater Western Sydney to Coal Seam Gas

68 Somerset Drive,  
Dandenong North, 3175  
(former Campbelltown resident)

Re: Camden Gas Project Stage 3, Project Application 09\_0048

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Yours sincerely,  
Marian Krahe

**From:** linda kronich <babybondingmassage@hotmail.com>  
**To:** <plan\_comment@planning.nsw.gov.au>  
**Date:** 12/13/2012 11:36 pm  
**Subject:** Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS:

Re: Camden Gas Project Stage 3, Project Application 09\_0048

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Yours sincerely,  
linda kronich

To:  
Mining and Industry Projects  
Department of Planning  
GPO Box 39  
SYDNEY NSW 2001

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Doctors for the Environment Australia claims that health impacts from CSG mining have not been assessed. Preliminary research from Queensland (e.g. by Southern Cross University in Tara) and overseas is deeply concerning, especially where fracking has been used. As at December 2011, 85% of the production wells in the Camden Gas Project had been fracked (evidence from the NSW Upper House Inquiry) with inadequate monitoring of its impacts on water in particular. AGL claims that the use of horizontal wells in the proposed Stage 3 will reduce the need for fracking, but it seems that this is not entirely true since it has reserved the right to frack these wells in the future if/when the technology becomes available. The size of the proposed well clusters and any fracking of horizontal wells are both new and untested here. It will therefore be entirely experimental with unknown outcomes on health and property including the possibility of subsidence under so many urban properties.

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AGL will continue to produce about 5% of NSW's gas from the Camden Gas Project according to evidence it gave under oath at the NSW Upper House Inquiry. The risks and potential costs to the community do not justify this, particularly since 150,000+ people already live and work in the immediate affected area, and this is in Sydney's south west growth corridor. It is socially, environmentally and economically unjustified, and has no social licence to operate here.

I acknowledge that my name will appear on my submission when publicly exhibited.

Yours sincerely

Name	ANGELA KUKIC
Address	7/66-70 INGLEBURN RD INGLEBURN
Signature	Ang. Kukic
Date	6-12-2012