

From: Simon Radmore <s_radmore@hotmail.com>
To: <plan_comment@planning.nsw.gov.au>
Date: 2/8/2013 7:38 am
Attachments: Pro_Forma_Submission_CGP3.docx

Please find objection to CSG mining attached.

Kind Regards,

Simon Radmore.

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 (3rd 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	Simon Radmore
Address	10 Campbell Street, Picton 2571
Signature	
Date	08.02.13

From: Matthew Radonich <radnich1@hotmail.com>
To: <matthew.riley@planning.nsw.gov.au>
CC: <assessments@planning.nsw.gov.au>
Date: 1/14/2013 12:33 pm
Subject: Submission Details for Matthew Radonich (object)

Confidentiality Requested: no

Submitted by a Planner: no

Disclosable Political Donation: no

Name: Matthew Radonich
Email: radnich1@hotmail.com

Address:
Voyager street

Gregory Hills, NSW
2557

Content:
Dear Mr Hazard and Mr Patterson,

As a concerned future resident to the Gregory Hills area or should I refer to it as 'Gas Hills'. I disagree with the proposals on offer by AGL and further raise a strong objection to the planned Coal Steam gas mining within the Camden district.

Having reviewed the planning provided by AGL and the proximity of the proposed wells within the residential curtilage of Gregory Hills, I am left with nothing but concerns for my children's future, family and the surrounding community.

I would like to strongly agree in reference to Mr Andrew Cartledge's email from 4 Lancaster St Gregory Hills as our property is also within distance to this proposed eyesore (well CU02) that is to reside not far from our future home.

We were drawn to this area for its proximity to schools a fresh new community lifestyle and a beautiful landscape that we perceived both as a safe and sound place to live.

Please reconsider the proposal's for gas mining near the residents of Camden.

Kind Regards,
Matthew Radonich
LOT 2265 Voyager St,
Gregory Hills NSW 2557

Submission: Online Submission from Matthew Radonich (object)
https://majorprojects.affinitylive.com?action=view_diary&id=52736

Submission for Job: #2921 Camden Gas Project Stage 3 Northern Expansion
https://majorprojects.affinitylive.com?action=view_job&id=2921

Site: #41 Camden Gas Field; , Camden/Wollondilly/Campbelltown
https://majorprojects.affinitylive.com?action=view_site&id=41

From: Vladimir Rakic <vladimir.rakic@gmail.com>
To: <matthew.riley@planning.nsw.gov.au>
CC: <assessments@planning.nsw.gov.au>
Date: 2/7/2013 8:52 pm
Subject: Submission Details for Vladimir Rakic (object)

Confidentiality Requested: no

Submitted by a Planner: no

Disclosable Political Donation: no

Name: Vladimir Rakic
Email: vladimir.rakic@gmail.com

Address:
7 Northrop Street

Raby, NSW
2566

Content:

I object to expansion of Gas Wells in Raby, Kearns and Eschol Park and use of fracking to extract the underground gas. There has been no sufficient research into long term effects on soil, water and health and i feel this poses a significant risk to our environment.

IP Address: 14-200-209-234.static.tpgi.com.au - 14.200.209.234
Submission: Online Submission from Vladimir Rakic (object)
https://majorprojects.affinitylive.com?action=view_diary&id=54229

Submission for Job: #2921 Camden Gas Project Stage 3 Northern Expansion
https://majorprojects.affinitylive.com?action=view_job&id=2921

Site: #41 Camden Gas Field; , Camden/Wollondilly/Campbelltown
https://majorprojects.affinitylive.com?action=view_site&id=41

From: "Ratcliffe, Cathie" <Cathie.Ratcliffe@det.nsw.edu.au>
To: "plan_comment@planning.nsw.gov.au" <plan_comment@planning.nsw.gov.au>
Date: 2/7/2013 9:28 pm
Subject: coal seam gas mining camden

Dear Sir

I am writing to ask you to tell the mining companies to keep away from the Camden Campbelltown area with their coal seam gas mining projects.

I don't believe there is enough research that has been done to prove there is no damage done to the environment.

This is a rural part of Sydney which includes Warragamba Catchment area in the Burragorang Valley. I have already seen bubbles in the Nepean River in Camden which they say is air being released. I don't believe that to be true. This should have to be proven by the companies.

The gas company should have to prove beyond doubt that there is no damage that can be done. Why should it be up to us, the community members to prove damage has been done after the event?

It will be too late, and the irreversible damage to our environment will be there forever. Our children and grandchildren will reap the "benefits" of not being able to drink unpolluted water from the stream, and having part of the land subsiding beneath them.

I hope that the government finally stands up to the big business of mining and takes the licences from the companies and does not allow them to mine in our area.

The government's job as I see it is to govern for the people, not to be in the pocket of the big businesses.

The destruction caused will have long lasting effects on our communities and I am strongly opposed to it.

Please consider this email as a strong objection to coal seam gas mining.

Sincerely

Cathie Ratcliffe

This message is intended for the addressee named and may contain privileged information or confidential information or both. If you are not the intended recipient please delete it and notify the sender.

From: Jill Rattray <jill.rattray@bigpond.com>
To: <plan_comment@planning.nsw.gov.au>
Date: 1/21/2013 1:37 pm
Subject: Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS: 16 Fairlop Road, Medlow Bath, NSW 2780

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,
Jill Rattray

From: Tim Ray <tim.ray@aon.com>
To: "plan_comment@planning.nsw.gov.au" <plan_comment@planning.nsw.gov.au>
Date: 1/25/2013 11:37 am
Subject: CSG objection - AGL Camden Expansion Project Stage 3
Attachments: CSG objection.pdf

Dear Sir/Madam,

Please find attached formal objection to the above project.

This communication (and any attachments) is directed in confidence to the addressee(s) listed above, and may not otherwise be distributed, copied or used. The contents of this communication may also be subject to privilege, and all rights to that privilege are expressly claimed and not waived. If you have received this communication in error, please notify us by reply e-mail or by telephone and delete this communication (and any attachments) without making a copy.

Before opening or using attachments, you should check them for viruses and defects. We do not accept liability in connection with computer virus, data corruption, delay, interruption, unauthorised access or unauthorised amendment.

Tim Ray
12 Boronia Avenue
Mount Annan NSW 2567

25th January 2013

The Director, Mining and Industry Projects

Via email: Plan_comment@planning.nsw.gov.au

Dear Sir/Madam

Re: SUBMISSION OPPOSING AGL COAL SEAM GAS (CAMDEN GAS PROJECT –NORTHERN EXPANSION STAGE 3)

I am writing to formally oppose the AGL Coal Seam Gas Expansion project.

As a life long resident of the Macarthur region and now raising my own young family in the area I am gravely concerned about the serious irreversible impacts that Coal Seam Gas Mining may have on the region. Firstly, I wish to add that I am not totally against mining– however I fail to see why there is any justifiable reason why mining should take place in the backyards of Sydney neighbourhoods. Surely, there are far more suitable sites where these projects could be undertaken without impacting thousands of people and the local environment.

I urge you to stop and think seriously about this issue – because whilst at present it may not be proposed in your own backyard, if AGL gets the go ahead on this project then the flood gates will surely open for further projects under other neighbourhoods in and around Sydney. I refuse to allow the south west to be used once again as guinea pigs in this coal seam gas experiment. I oppose this development on the following grounds:

1. Detrimental effects on air quality and potential environmental impact

It is already a well documented fact that the Macarthur region has one of the worst air quality ratings in Sydney and the highest incidence of hospital admissions for asthma. I can personally testify to this fact as I have suffered from asthma and allergies my entire life. My two young sons have also been afflicted with similar allergies, which I do believe is linked to the poor air quality in the region. Studies have already shown that in areas where Coal Seam Gas mining is occurring there are higher levels of methane and other noxious gases and so I'm sure you might appreciate my concern – if the air quality is already poor in the area, how much worse will it be if this project is given the go ahead? If we can't breathe here, we can't live here!

The Macarthur region is also right in the backyard of the Sydney water catchment area as well as comprising a vast amount of market gardens, dairy and other local agriculture which supplies Sydney– I remind you that this is the water and food that all Sydney residents drink and eat not just us "Westies". Do you really want to put at risk (through coal seam gas mining) the potential long term safety of our water and food supply?

2. Lack of honest, openness and transparency in community consultation

The process of community consultation by AGL in this matter has been poor to say the least. Indeed, one might think that the process was deliberately designed as such to ensure that the project went unnoticed by local residents. In support of this I make reference to the following:

- AGL provided only 2 copies of the Environmental Assessment – one at Camden Council foyer and one at Campbelltown. They withdrew the original Environmental Assessment October 2010 so that the community could not compare the original proposal with the amended main report October 2012.
- Positioning the exhibition period leading into Christmas when families are busy in preparation for the holiday season.
- Failure by AGL to accept that many people do not have access to the internet, and those who have access would have great difficulty reading a 3000 page document on a computer screen.
- Poorly advertised, and consequently poorly attended information sessions at which AGL specialist consultants could not answer questions.
- A poorly designed AGL-CSG website - a potluck table of contents, using out of date maps which do not clearly show the level of urban development, no index and illogical page numbering.
- Using only small section and out of date maps so that it is impossible to view the enormity of the whole project.
- Failure by AGL to show the 2,500 metre radius of each drilling footprint under homes, schools and creeks.

3. Political Posturing /Possible Corruption in Decision Making Process

I am deeply concerned about the impartiality of the NSW Government in the assessment of this proposal. The NSW government has replaced the entire board of the Sydney Catchment Authority. Who chairs the new board? Only the former director of two of Australia's largest mining companies. <http://stop-csg-illawarra.org/2012/abuse-of-power-pure-and-simple/>.

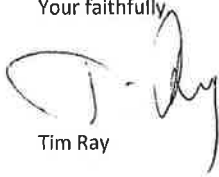
The Premier has already indicated in the media his theoretical approval for the proposal thereby pre-empting the decision making process by the Planning Assessment Commission (PAC). Clearly, it is the financial interests of this Government to approve these proposals – however can you assure the people of NSW that no “back hand” deals have been done with mining companies such as AGL to ensure this proposal goes ahead. NSW is already reeling after 10 years of labour corruption. You owe a duty of care to all residents of South Western Sydney to ensure that this proposal is not being dictated by large mining companies and the financial interests of a handful of people set to profit from a community's misery.

4. De-valuing of property prices in the region

Should this proposal go ahead, I foresee that properties throughout the region will be majorly de-valued. After all, why would anyone sign up for a life long mortgage to have a coal seam gas mine in their backyard? For those of us already paying off a mortgage in the area, can you assure existing residents and banks who hold security over the majority of these properties that they will be suitably compensated when property prices fall and residents are stuck with an asset worth half of what is on the books?

In summary, I totally oppose the entire AGL-CSG Camden Expansion proposal and expect that all consenting authorities do likewise. Can you please confirm via reply email that you have received my submission.

Your faithfully,

A handwritten signature in black ink, appearing to read 'Tim Ray', with a large, stylized initial 'T'.

Tim Ray

**Effie & Peter
Raymond
1 Gall Place
Oran Park NSW 2570**

Fax

To: The Director, Mining and Industry Projects **From:** Peter & Effie Raymond
NSW Department of Planning
GPO Box 39 Sydney NSW 2001

Fax: 9228 6468 **Pages:** 2

Email: plan_comment@planning.nsw.gov.au **Date:** 8/02/2013

Re: Submission Opposing AGL Coal Seam **CC:** Camden Council, Federal Government
Gas Camden Gas Project Northern
Expansion (Stage 3)
Chris Patterson MP
Project Application : 09_0048

☒ **Urgent** ☐ **For Review** ☐ **Please Comment** ☒ **Please Reply** ☐ **Please Recycle**

"Without Prejudice"

Dear Director of Mining and Industry Projects NSW

We strongly object to this Project Application: 09_0048 for the following reasons

We purchased a block of land at Oran Park from Landcom in 2011 and have built our family house and moved into it in November 2012 so we could live in a nice semi rural area with fresh air to raise our children away from the smog and pollution and industrial areas. We have put all our resources into this move and are committed to a large mortgage also. Landcom made no mention that a large gas project could be happening only minutes away at Gregory Hills/Narellan/Smeaton Grange/Mount Annan/Harrington Park/Catherine Fields and other suburbs close by and I find this misleading. If I would have known this we would have avoided the area and never purchased land/built a house and moved into the area.

Poor air quality across project area

Serious Health Risks including dramatic increases in respiratory diseases and asthma

February 8, 2013

Dangerously incomplete physical and chemical analysis of Coal Seam Gas "fracking" processes

Potential for Long Term undetected gaseous leaks forming toxic fugitive plumes in our breathing space

Risks of uncontrollable toxic particulate emissions to earth, air and water threatening our communities

Threats to our natural environment - Geology and Hydrology

Contradictory and Incomplete land use layering

Unpredictable Noise Disturbance - AGL -CSG consultant's noise studies are incompetent

Lack of Community consultation, honesty and transparency

Environmental and health have not carried out complete and professional expert independent analysis of AGL-CSG proposal.

Camden Council object to this proposal and we agree with them

Drilling horizontally under houses, possibility of subsidence of houses, roads public areas etc

AGL are a greedy, misleading and deceitful organisation and only have their own interests, to make money at the cost of the community and a disaster could happen under our homes whilst we sleep at night.

Appears to us that this project is being rushed for reasons unknown to us, and AGL think local residents will not put up a fight and we want to have our say as we are entitled to -AGL will never say that something could go wrong and not to the plan.

We urge you not to approve this project for all the families that bought in to the State Government's plan for a modern community in the South West of Sydney, you have to decide if you want a residential community or the mining industry layered over a residential community just so NSW Government can increase its revenue from Royalties paid by AGL. We work hard, pay out tax direct & indirect and what AGL are proposing is not fair at all and not the Australian way.

We will be contacting Federal Labour Government to let them know our concerns and see what they can do to stop this ridiculous proposal by AGL so that the project is refused once and for all and that AGL do not attempt to gain approval in the future. We note AGL have withdrawn the proposal today so that it cannot be refused and it shows that AGL will do whatever it has to get approval one way or the other.

Yours Sincerely

Effie Raymond

Peter Raymond

1 Gall Place

Oran Park

NSW 2570



8th February 2013

From: JESSICA REDDING <JESSTARMOSHA@HOTMAIL.COM>
To: <matthew.riley@planning.nsw.gov.au>
CC: <assessments@planning.nsw.gov.au>
Date: 2/1/2013 11:36 am
Subject: Submission Details for JESSICA REDDING (object)

Confidentiality Requested: no

Submitted by a Planner: no

Disclosable Political Donation: no

Name: JESSICA REDDING
Email: JESSTARMOSHA@HOTMAIL.COM

Address:
38 SPRINGHILL CIRCLE

CURRANS HILL, NSW
2567

Content:
TO WHOM IT MAY CONCERN,

My family and I GREATLY oppose to AGL's northern expansion.

We have grave fears for our family's wellbeing as well as the enviroment .

IP Address: cpe-58-168-102-106.lns7.ken.bigpond.net.au - 58.168.102.106
Submission: Online Submission from JESSICA REDDING (object)
https://majorprojects.affinitylive.com?action=view_diary&id=53620

Submission for Job: #2921 Camden Gas Project Stage 3 Northern Expansion
https://majorprojects.affinitylive.com?action=view_job&id=2921

Site: #41 Camden Gas Field; , Camden/Wollondilly/Campbelltown
https://majorprojects.affinitylive.com?action=view_site&id=41

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

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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	JOSEPH REDMAN
Address	25 DAKOTA PLACE
	RABY NSW 2566
Signature	Joseph Redman
Date	28/01/2013.

From: Cliff Reece <creece@cliffreece.com.au>
To: <matthew.riley@planning.nsw.gov.au>
CC: <assessments@planning.nsw.gov.au>
Date: 2/5/2013 8:54 am
Subject: Submission Details for Cliff Reece (comments)

Confidentiality Requested: no

Submitted by a Planner: no

Disclosable Political Donation: no

Name: Cliff Reece
Email: creece@cliffreece.com.au

Address:
180 CUMMINS ROAD

MENANGLE, NSW
2568

Content:

There should be no drilling within any residential area other than on farm land and only then with written permission of all neighbours who might in any way be affected. Permission should be sought from them in just the same way as Councils are required to advise and seek responses from affected people when building applications are being considered.

IP Address: 203-189-84-3.dynamic.acenet.com.au - 203.189.84.3

Submission: Online Submission from Cliff Reece (comments)
https://majorprojects.affinitylive.com?action=view_diary&id=53869

Submission for Job: #2921 Camden Gas Project Stage 3 Northern Expansion
https://majorprojects.affinitylive.com?action=view_job&id=2921

Site: #41 Camden Gas Field; , Camden/Wollondilly/Campbelltown
https://majorprojects.affinitylive.com?action=view_site&id=41

From: "Barry Reed" <barry.reed3@bigpond.com>
To: <plan_comment@planning.nsw.gov.au>
Date: 2/8/2013 11:43 am
Subject: Coal Seam Mining
Attachments: Coal Seam Minning.docx

Attached please find our objection letter.

Regards

Judy & Barry REED

8th February 2013

**Barry & Judy Reed
2 Clareville Close
Woodbine NSW 2560**

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

Sent by email to plan_comment@planning.nsw.gov.au

Dear Sir/Madam

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

We object to AGL's project application 09_0048 to mine for coal seam gas in Campbelltown and Camden. The reasons for our objection are stated below.

The MAC model flying club at Menagle was inconvenienced, when you installed the gas pipes. They did not complain because you promised to rectify the environment. Nothing happened, you disturbed and dug up landscape and left the environment like a half completed building site.

You promise guarantees of everything being OK with Coal Seam Gas mining, but you can't even repair the ground you violate. How can we trust a company that only has profits as its priority and won't listen to the home owners.

Yours sincerely

Barry & Judy Reed

From: "Margaret Remm" <margaretremm@gmail.com>
To: <plan_comment@planning.nsw.gov.au>
Date: 2/8/2013 2:28 pm
Subject: NO fracking

NO fracking should be carried out in NSW, I am completely against it as it causes damage to our environment, water and health.

Margaret Remm

From: Melinda Renouf <Melinda.renouf@hotmail.com>
To: <plan_comment@planning.nsw.gov.au>
Date: 1/18/2013 10:35 pm
Subject: Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS: 17 Lincoln Grove, Harrington Park NSW 2567

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.

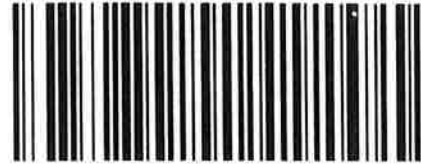
Please put the health and wellbeing of the people of Greater Western Sydney above the profits of AGL who plan to expand their gas field around and under people's homes and businesses.

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.y
- 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,
Melinda Renouf

Dear Director of Mining and Industry Projects NSW



Reference: SUBMISSION OPPOSING AGL COAL SEAM GAS (AGL-CSG)
CAMDEN GAS PROJECT – MNORTHERN EXPANSION (Stage 3)
Project Application No. 09_0048

Our family moved into the home we built in Camden in 1973 for the lifestyle a semi-rural location would offer us. That is wide open spaces, sporting facilities for the children we intended to have and town centres close by.

Unfortunately, our youngest son developed a “rattly” chest at the age of 4 months old. He was prescribed antibiotics at this time for what was thought to be a chest infection. At a later stage, he was found to be asthmatic. We were informed that the air quality in the Camden area was poor – in fact, the worst polluted atmospheric Airshed in Greater Sydney - due to the fact that the smog from Sydney drifted until it hit the Razorback Range and then slipped back into the Camden Valley and that the incidence of asthma in our area was the highest in the Sydney metropolitan area. Air quality is the critical health issue for all of us who live out here. Our other two children suffered from bronchial asthma whenever they became sick with the flu and at the age of 36 our son still has asthma. He is not one of the lucky ones to have grown out of it. Our daughter still uses a puffer during winter.

Recently our local papers have alerted us to the fact of the proposed expansion of AGL Coal Seam Gas drilling, mining and fracing under our homes, schools workplaces, sporting facilities, etc., in fact any place the desire. We didn't buy land here in 1971 to build our family home to have it devalued and degraded by AGL or any other faceless entity that wants to impinge on our lives.

The vast quantity of chemicals used in fracing, are highly volatile, producing toxic gaseous and particulate emissions to earth, water and air. We don't want that here. Our air quality is already deceptively poor and add into the mix the government wants to put an airport at Badgerys Creek, we may as well all turn up our toes now as the air won't be fit to breathe and the water from the dams won't be fit to drink as it will be covered in aviation fuel from landing aircraft.

If you proceed with AGL's proposal, you will be opening the door for a massive class action against all the decision makers and promoters of this toxic and hazardous industry.

Why does the government and major industries try to base their experiments and any other industry in the backyards of the western and south western areas of Sydney? Is it because we are in the lower socio-economic area of the Greater Metropolitan Area? I don't see this ever happening in the eastern or northern suburbs of Sydney.

We totally oppose the entire AGL Coal Seam Gas Expansion for the following reasons:

Major threat to air quality and health - well documented historic poor air quality across the project area and Greater South Western Sydney. This expansion would see and dramatic increase in respiratory diseases and asthma. South Western Sydney already has the highest incidence of hospital admissions for asthma.

Dangerously incomplete physical and chemical analysis of the fracing processes. The potential for long term undetected leaks forming toxic plumes into the air.

Risks of uncontrollable toxic particulate emissions the earth, air and water.

Long term geological damage to drinking water, water aquifers, water tables, creek bed and rivers as has already been caused by BHP in our area, with some of our streams disappearing into the ground and Thirlmere Lakes drying up because of mining beneath them.

Structural damage to the Sydney Water Supply Channel.

Irreversible damage to native flora and fauna, soil and vegetation.

Risk in waste management of by-products into the earth, water and air.



Allowing established and developed residential, commercial, education and recreational zonings funded by our rates and government taxes to be undermined, compromised and degraded by a dangerous and toxic mining industry.

Inadequate studies in into 24 hour drilling, mining and fracing noise levels impacting on our health and failure to acknowledge long term reflected and radiated sub-surface noise levels on sleeping disturbance patterns and neurological concerns, given that the perception of noise is six times greater at night.

AGL only provided 2 copies of the Environmental Assessment and withdrew the original Environmental Assessment October 2010 so that it could not be compared with the amended Main Report October 2012.

Having the exhibition period leading into Christmas when families are busy in the Christmas rush and then going on holidays.

The fact that many people do not have access to the internet and those who do, would have great difficulty reading a 3000 page document on a computer screen. Also the failure of AGL to provide CDs of their proposal to resident upon request.

Poorly advertised and therefore poorly attended, information sessions at which AGL specialist consultant did not answer questions, only took notes.

Not using A3 size maps, only using small section and out of date maps which made it impossible to view the enormity of the whole project.

Failure by AGL to show the 2500 Metre radius of each drilling footprint under homes, schools and creeks.

Using and unidentifiable, unqualified mine engineer AGL-CSG public relations spokeswoman as the front person.

The AGL-OCSG Community Consultative Committee does not adequately represent the broader community, does not keep accurate minutes or report back to the broader community.

Concerns that AGL and relevant government departments have not carried out complete, professional, expert and **independent** analysis of the proposal.

Concerns that Barry O'Farrell has already indicated in the media that he as approved the proposal and that he is of the opinion that the drilling lines are the size of a teacup, when the 2012 Main Report state that drilling various from 178mm to 2000mm in diameter in the fracing reaming process and the lines are up to 2500 metres long.

It is not up to me, my family or members of our c9ommunity to prove that AGL's Coal Seam Gas mining is a serious risk to our local life, health and future. Camden Council, the State Government's statutory authorities, Ministers, Cabinet, Premier and Planning Assessment Commission panel are the ultimate consenting authority with "**duty of care**" to **ALL** residents of South Western Sydney. It is your collective responsibility to protect our health, living, learning, working and recreational environments.

Politicians, AGL and PAC members do not have a licence to degrade our family lifestyle, home, backyard, pools veggie patch, soil water, air and the vital future of our communities.

We totally oppose the entire AGL-SCG Camden Expansion Proposal and expect that all consenting authorities do likewise. Could you please reply promptly, confirming that you have received our submission.

Yours faithfully



Robert Reynolds, Lorraine Reynolds and on behalf of David Reynolds, Scott Reynolds and Megan Reynolds who do not have computers.



"Sample Submission no. 1 – ALL SUBURBS"

Prepared by Narellan Action Group

OUR OPPOSITION TO AGL Coal Seam Gas Expansion

Page 1 of 2

INSTRUCTIONS - Use this only as a guide - rewrite in your own words - edit - add your own ideas - mix and match - cut and paste - "quote" media reports - **READ DAILY & LOCAL NEWSPAPERS** - express your feelings - a little controlled anger is fine - get your kids researching AGL and COAL SEAM GAS FRACING CHEMICALS websites and writing submissions as well !! You can turn the tone of this sample submission up or down to suit your message.

BE EARLY - OUR DEADLINE IS - FRIDAY 8 FEBRUARY 2013

-----START OF SAMPLE SUBMISSION -----

EMAIL TO: plan_comment@planning.nsw.gov.au

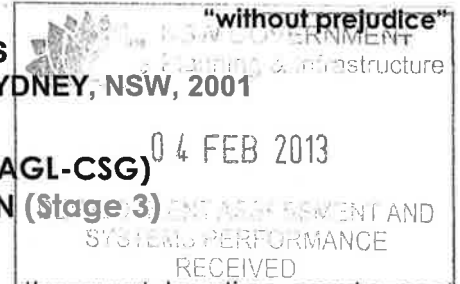
POST TO: THE DIRECTOR, MINING AND INDUSTRY PROJECTS
NSW DEPARTMENT OF PLANNING, GPO BOX 39, SYDNEY, NSW, 2001

Dear Director of Mining and Industry Projects NSW,

Reference : SUBMISSION OPPOSING AGL COAL SEAM GAS (AGL-CSG)

CAMDEN GAS PROJECT – NORTHERN EXPANSION (Stage 3)

Project Application No. 09_0048



My family moved to St Helens Park (SUBURB NAME) in 2005 for the great location, employment opportunities and a great lifestyle for our 3 children. With a selection of new and established schools, Campbelltown TAFE, the University of Western Sydney, Industrial Estates, Employment Zones, Town Centres and Sporting Facilities close by it seemed a perfect place to settle down for the long-term and raise a family.

Unfortunately, my youngest son has developed asthma since we moved here. We did not realise that the quality is deceptively poor – in fact, the worst polluted atmospheric **Airshed** in Greater Sydney. If we can't breathe here, we can't live here. **Air Quality** is the critical health issue for all of us out here.

Recently we became aware of the proposed expansion of AGL Coal Seam Gas drilling, mining and '**fracing**' or '**fracturing**' under our homes, schools, workplaces, football fields, cricket ovals, leisure centres, our community halls, our churches, our petrol stations, our overhead bridges, open spaces and catchment areas.

If we had known about the AGL-CSG expansion we would have avoided the area and a \$450,000 life-time mortgage in a suburb destined for degrading and devaluing. It doesn't make any sense at all !

'**Fracing**' is actually "**FRACTURING**" – **breaking and cracking the sub-surface under us**. AGL falsely compares its '**fracing**' chemistry is to 'harmless' products on a laundry shelf, when in fact the real chemicals in vast quantities are highly volatile producing toxic gaseous and particulate emissions to earth, water and air. AGL Consultants have been grossly dishonest and deceitful in their minimal description of '**fracing**' processes.

Despite misleading media reports AGL-CSG will definitely 'frac' under us, AGL's intentions are very clear in both their 2010 ENVIRONMENTAL ASSESMENT at Chapter 4.2 and in the 2012 MAIN REPORT at Chapter 3.4.

We are not against mining at all. However, introducing toxic and dangerous AGL Coal Seam Gas mining under our existing permissible land use zones of established and populated communities is totally inappropriate in every respect, and absolutely beyond our belief.

AGL conceals its toxic '**fracing**' chemistry behind claims of '**commercial confidentiality**'. We do know that AGL use concentrated acids and biocides among a huge list of chemical cocktails triggering volatile chemical reactions in coal and sandstone seams underneath our homes and schools. The fact that AGL will not disclose its '**acing toxicology**' is absolutely absurd – a nightmare with disastrous health and environmental consequences.

Mining is the most accident riddled industry in Australia. Mixing mining and untested chemistry under our homes as we sleep is a disastrous formula for **major critical incidents**. We don't need the threat of disaster, totally '**fracing**' our dreams into nightmares, for over 20 years of sleeps, after busy days at school and work.

Do you and Minister Hazzard fully comprehend the potential implications of cumulative long-term toxic emissions to our earth, our water and breathing atmosphere? Have your planning experts fully analysed AGL's documents to find the serious omissions and false '**conceptual modelling**' promoted as acceptable science ?

We understand that AGL-CSG drilling, mining and '**fracing**' under our populated and established communities is totally new to urban Australia. Is South Western Sydney AGL's and the O'Farrell Government's test case to expand toxic mining under metropolitan Sydney?

If you proceed with AGL's proposal you will be opening the pathway for a **massive class action** against all the decision makers, back door dealers and promoters of this toxic and hazardous industry.

We are not your "**westie lab rats**". We are not your experiment in 'social injustice' and socio-economic and environmental degradation? Don't do it in anyones' backyard. We know you'll never allow it in yours !

The major reasons why my family opposes the entire AGL Coal Seam Gas Expansion include –

Threats to Air Quality and health

- Well documented historic poor air quality across the 'project area' and Greater South Western Sydney
- Serious health risks including dramatic increases in respiratory diseases and asthma
- South Western Sydney already has the highest incidence of hospital admissions for asthma
- Dangerously incomplete physical and chemical analysis of Coal Seam Gas '**fracing**' processes
- Potential for long term undetected gaseous leaks forming toxic fugitive plumes in our breathing space
- Risks of uncontrollable toxic particulate emissions to earth, air and water threatening our communities
- Will the ICAC belatedly examine the post political mining careers of suspect politicians as we choke in AGL's neuro-toxins and overcrowd the very limited health resources in Sydney's South West?

Threats to Our Natural Environment - Geology and Hydrology

- Long term geological damage to – drinking water, water aquifers, water tables, creek beds and rivers
- Contamination of South Creek and Narellan Creek feeding the Hawkesbury-Nepean Catchment
- Structural damage to the Sydney Water Supply Channel undermined by at least 6 parallel drilling locations in our area at CU02, CU06, CU10, CU14, CU20 and CU22 – each with 6 wells
- Structural damage to built environments and dangerous land slip in a predominantly clay sub soil
- Expansion and shrinkage of clay and shale sub-structures causing fracturing to gas pipes
- Irreversible damage to native flora and fauna, soil, and vegetation
- Risks in waste management of by-products including neuro-toxin particulates in earth, water and air

Contradictory and Incompatible Land Use Layering

- Allowing legally established and developed residential, commercial, educational and recreational zonings – all funded by our rates and statutory government taxes - to be undermined, compromised and degraded by a toxic and dangerous mining industry

Unpredictable Noise Disturbance - AGL-CSG Consultants noise studies are totally incompetent

- Inadequate credible studies into 24 hour drilling, mining and 'fracing' noise levels impacting on our health.
- Failure to acknowledge long term reflected and radiated sub-surface noise levels on sleeping disturbance patterns, neurological concerns given that the human perception of noise is six times greater at night time

Deeply Flawed Community Consultation - Lacking Honesty, Openness and Transparency

- AGL provided only 2 copies of the Environmental Assessment - one at Camden Council foyer and one at Campbelltown – and withdrew the original Environmental Assessment October of 2010 so that the community could not compare the original proposal with the amended Main Report October of 2012
- Positioning the exhibition period leading into Christmas when families and work force are busy in preparation for the holiday season.
- Failure by AGL to accept that many people do not have access to the internet, and those who have internet access would have great difficulty reading a 3000 page document on a computer screen
- Failure by AGL to provide complimentary CDs of their proposal to residents upon request – a practice of previous proponents of major projects
- Poorly advertised, and consequently poorly attended, information sessions at which AGL specialist consultants could not answer questions – but would make notes
- A poorly designed AGL-CSG website – a potluck table of contents, using out-of-date maps which do not clearly show the level of urban development, no index and illogical page numbering
- Using only small section and out of date maps so that it is impossible to view the enormity of the whole project when previous proponents have provided fold out A3 size maps
- Failure by AGL to show the 2,500 metre radius of each drilling footprint under homes, schools and creeks
- Using an unidentifiable AGL-CSG public relations spokeswoman, unqualified in mine engineering, as the front person quoted in daily papers while keeping faceless "experts" in the next room
- The AGL-CSG COMMUNITY CONSULTATIVE COMMITTEE (CCC) does not adequately represent the broader community and that it does not keep accurate minutes and report back to the broader community

Political Posturing and Decision Making Processes

- Concerns that you, your government departments, including Environment and Health, have not carried out complete, professional, expert and independent analysis of the AGL-CSG proposal
- Concerns that the Premier in the media has already indicated his approval for the AGL-CSG proposal pre-empting the decision making process by the PLANNING ASSESSMENT COMMISSION (PAC) - a 'selected' panel of "experts" to undertake a "merit review" of the project
- It doesn't help when Premier O'Farrell insults us (SMH 7.7.13 page 7 Editorial) by trivialising drilling lines as being the size of a "teacup" when in fact AGL state in **2012 MAIN REPORT at Chapter 4.3** that drilling varies from **178mm to 2000mm** in diameter in the 'fracing' reaming process and the lines are up to 2,500 metres long. There does not seem to be even a token separation between AGL and some politicians.
- It is not up to me, my family, or members of our community to prove that AGL's Coal Seam Gas mining is a serious risk to our local life, health and future. Camden Council, the State Government's statutory authorities, Ministers, Cabinet, Premier and PLANNING ASSESSMENT COMMISSION panel are the ultimate consenting authority, with a "duty of care" to all residents of South Western Sydney. It is your collective responsibility to protect our health, living, learning, working and recreational environments.
- Politicians, AGL and PAC Members do not have an anti-social licence to degrade our family lifestyle, our home, our backyard, our pools, our chook shed, our pigeon loft, our greyhound run, our veggie patch, our soil, our water, our air and the vital future of our communities.

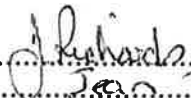
We totally oppose the entire AGL-CSG Camden Expansion Proposal and expect that all consenting authorities do likewise. Could you please reply promptly, confirming that you have received my (family) submission.

Yours Faithfully

Signature(s).....

Full Name(s)

Address.....



Ian Richards

6/23 Dalkeith St. Melons Park 2560

OUR DEADLINE IS - FRIDAY 8 FEBRUARY 2013***"write early, write often"******Copy and pass on***

From: Mark Richards <richardsturner@internode.on.net>
To: <plan_comment@planning.nsw.gov.au>
Date: 1/18/2013 10:12 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%.
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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,
Mark Richards

From: Emma Richardson <Olivehawk@gmail.com>
To: <plan_comment@planning.nsw.gov.au>
Date: 2/7/2013 8:25 am
Subject: Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS: 603/95 Wellington St, Collingwood 3066

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

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Yours sincerely,
Emma Richardson

From: Tehan Brooke Richter-Cross <hiyatoller@hotmail.com>
To: <plan_comment@planning.nsw.gov.au>
Date: 1/9/2013 8:14 pm
Subject: Don't Sacrifice Greater Western Sydney to Coal Seam Gas

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Yours sincerely,
Tehan Brooke Richter-Cross

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To: <plan_comment@planning.nsw.gov.au>
Date: 2/7/2013 8:12 am
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Yours sincerely,
Geraldine Ring

From: estelle roberts <estelledroberts@gmail.com>
To: <plan_comment@planning.nsw.gov.au>
Date: 2/7/2013 8:56 am
Subject: Don't Sacrifice Greater Western Sydney to Coal Seam Gas

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Yours sincerely,
estelle roberts

From: Lisa Robertson <lrobertson76@ymail.com>
To: <plan_comment@planning.nsw.gov.au>
Date: 2/7/2013 7:54 am
Subject: Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS: 19 Hopson Avenue Camden South NSW 2570

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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.
- 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,
Lisa Robertson

"Sample Submission no. 1 – ALL SUBURBS"

OUR OPPOSITION TO AGL Coal Seam Gas Expansion

INSTRUCTIONS - Use this only as a guide - rewrite in your own words - €
- cut and paste - "quote" media reports - READ DAILY & LOCAL NEWS!

controlled anger is fine - get your kids researching AGL and COAL SEAM GAS FRACING CHEMICALS websites and writing submissions as well !! You can turn the tone of this sample submission up or down to suit your message.

BE EARLY - OUR DEADLINE IS - FRIDAY 8 FEBRUARY 2013



PCU041081

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EMAIL TO: plan_comment@planning.nsw.gov.au

POST TO: THE DIRECTOR, MINING AND INDUSTRY PROJECTS

NSW DEPARTMENT OF PLANNING, GPO BOX 39, SYDNEY, NSW, 2001

Dear Director of Mining and Industry Projects NSW,

Reference : SUBMISSION OPPOSING AGL COAL SEAM GAS (AGL-CSG)
CAMDEN GAS PROJECT – NORTHERN EXPANSION (Stage 3)

Project Application No. 09_0048

-----START OF SAMPLE SUBMISSION-----

"without prejudice"

Department of Planning
Received

30 JAN 2013

Scanning Room

My family moved to.....(SUBURB NAME) in 2005 for the great location, employment opportunities and a great lifestyle for our 3 children. With a selection of new and established schools, Campbelltown TAFE, the University of Western Sydney, Industrial Estates, Employment Zones, Town Centres and Sporting Facilities close by it seemed a perfect place to settle down for the long-term and raise a family.

Unfortunately, my youngest son has developed **asthma** since we moved here. We did not realise that the air quality is deceptively poor - in fact, the worst polluted **atmospheric Airshed** in Greater Sydney. If we can't breathe here, we can't live here. **Air Quality** is the critical **health issue** for all of us out here.

Recently we became aware of the proposed expansion of AGL Coal Seam Gas drilling, mining and 'fracing' or 'fracturing' under our homes, schools, workplaces, football fields, cricket ovals, leisure centres, our community halls, our churches, our petrol stations, our overhead bridges, open spaces and catchment areas.

If we had known about the AGL-CSG expansion we would have avoided the area and a \$450,000 life-time mortgage in a suburb destined for degrading and devaluing. It doesn't make any sense at all!

'Fracing' is actually "FRACTURING" - **breaking and cracking the sub-surface under us**. AGL falsely compares its 'fracing' chemistry to 'harmless' products on a laundry shelf, when in fact the real chemicals in vast quantities are highly volatile producing toxic gaseous and particulate emissions to earth, water and air. AGL Consultants have been grossly dishonest and deceitful in their minimal description of 'fracing' processes.

Despite misleading media reports AGL-CSG will definitely 'frac' under us. AGL's intentions are very clear in both their 2010 ENVIRONMENTAL ASSESSMENT at Chapter 4.2 and in the 2012 MAIN REPORT at Chapter 3.4.

We are not against mining at all. However, introducing toxic and dangerous AGL Coal Seam Gas mining under our existing permissible land use zones of established and populated communities is totally inappropriate in every respect, and absolutely beyond our belief.

AGL conceals its toxic 'fracing' chemistry behind claims of 'commercial confidentiality'. We do know that AGL use concentrated acids and biocides among a huge list of chemical cocktails triggering volatile chemical reactions in coal and sandstone seams underneath our homes and schools. The fact that AGL will not disclose its 'fracing toxicology' is absolutely absurd - a nightmare with disastrous health and environmental consequences.

Mining is the most accident riddled industry in Australia. Mixing mining and untested chemistry under our homes as we sleep is a disastrous formula for **major critical incidents**. We don't need the threat of disaster, totally 'fracing' our dreams into nightmares, for over 20 years of sleeps, after busy days at school and work.

Do you and Minister Hazzard fully comprehend the potential implications of cumulative long-term toxic emissions to our earth, our water and breathing atmosphere? Have your planning experts fully analysed AGL's documents to find the serious omissions and false 'conceptual modelling' promoted as acceptable science?

We understand that AGL-CSG drilling, mining and 'fracing' under our populated and established communities is totally new to urban Australia. Is South Western Sydney AGL's and the O'Farrell Government's test case to expand toxic mining under metropolitan Sydney?

If you proceed with AGL's proposal you will be opening the pathway for a **massive class action** against all the decision makers, back door dealers and promoters of this toxic and hazardous industry.

We are not your "westie lab rats". We are not your experiment in 'social injustice' and socio-economic and environmental degradation? Don't do it in anyone's' backyard. We know you'll never allow it in yours!

The major reasons why my family opposes the entire AGL Coal Seam Gas Expansion include -

Threats to Air Quality and health

- Well documented historic poor air quality across the 'project area' and Greater South Western Sydney
- Serious health risks including dramatic increases in respiratory diseases and asthma
- South Western Sydney already has the highest incidence of hospital admissions for asthma
- Dangerously incomplete physical and chemical analysis of Coal Seam Gas 'fracing' processes
- Potential for long term undetected gaseous leaks forming toxic fugitive plumes in our breathing space
- Risks of uncontrollable toxic particulate emissions to earth, air and water threatening our communities
- Will the ICAC belatedly examine the past political mining careers of suspect politicians as we choke in AGL's neuro-toxins and overcrowd the very limited health resources in Sydney's South West?

Threats to Our Natural Environment - Geology and Hydrology

- Long term geological damage to – drinking water, water aquifers, water tables, creek beds and rivers
- Contamination of South Creek and Narellan Creek feeding the Hawkesbury-Nepean Catchment
- Structural damage to the Sydney Water Supply Channel undermined by at least 6 parallel drilling locations in our area at CU02, CU06, CU10, CU14, CU20 and CU22 – each with 6 wells
- Structural damage to built environments and dangerous land slip in a predominantly clay sub soil
- Expansion and shrinkage of clay and shale sub-structures causing fracturing to gas pipes
- Irreversible damage to native flora and fauna, soil, and vegetation
- Risks in waste management of by-products including neuro-toxin particulates in earth, water and air

Contradictory and Incompatible Land Use Layering

- Allowing legally established and developed residential, commercial, educational and recreational zonings – all funded by our rates and statutory government taxes – to be undermined, compromised and degraded by a toxic and dangerous mining industry

Unpredictable Noise Disturbance - AGL-CSG Consultants noise studies are totally incompetent

- Inadequate credible studies into 24 hour drilling, mining and 'fracing' noise levels impacting on our health.
- Failure to acknowledge long term reflected and radiated sub-surface noise levels on sleeping disturbance patterns, neurological concerns given that the human perception of noise is six times greater at night time

Deeply Flawed Community Consultation - Lacking Honesty, Openness and Transparency

- AGL provided only 2 copies of the Environmental Assessment - one at Camden Council foyer and one at Campbelltown – and withdrew the original Environmental Assessment October of 2010 so that the community could not compare the original proposal with the amended Main Report October of 2012
- Positioning the exhibition period leading into Christmas when families and work force are busy in preparation for the holiday season.
- Failure by AGL to accept that many people do not have access to the internet, and those who have internet access would have great difficulty reading a 3000 page document on a computer screen
- Failure by AGL to provide complimentary CDs of their proposal to residents upon request – a practice of previous proponents of major projects
- Poorly advertised, and consequently poorly attended, information sessions at which AGL specialist consultants could not answer questions – but would make notes
- A poorly designed AGL-CSG website – a potluck table of contents, using out-of-date maps which do not clearly show the level of urban development, no index and illogical page numbering
- Using only small section and out of date maps so that it is impossible to view the enormity of the whole project when previous proponents have provided fold out A3 size maps
- Failure by AGL to show the 2,500 metre radius of each drilling footprint under homes, schools and creeks
- Using an unidentifiable AGL-CSG public relations spokeswoman, unqualified in mine engineering, as the front person quoted in daily papers while keeping faceless "experts" in the next room
- The AGL-CSG COMMUNITY CONSULTATIVE COMMITTEE (CCC) does not adequately represent the broader community and that it does not keep accurate minutes and report back to the broader community

Political Posturing and Decision Making Processes

- Concerns that you, your government departments, including Environment and Health, have not carried out complete, professional, expert and independent analysis of the AGL-CSG proposal
- Concerns that the Premier in the media has already indicated his approval for the AGL-CSG proposal pre-empting the decision making process by the PLANNING ASSESSMENT COMMISSION (PAC) – a 'selected' panel of "experts" to undertake a "merit review" of the project
- It doesn't help when Premier O'Farrell insults us (SMH 7.7.13 page 7 Editorial) by trivialising drilling lines as being the size of a "teacup" when in fact AGL state in **2012 MAIN REPORT at Chapter 4.3** that drilling varies from **178mm to 2000mm** in diameter in the 'fracing' reaming process and the lines are up to 2,500 metres long. There does not seem to be even a token separation between AGL and some politicians.
- It is not up to me, my family, or members of our community to prove that AGL's Coal Seam Gas mining is a serious risk to our local life, health and future. Camden Council, the State Government's statutory authorities, Ministers, Cabinet, Premier and PLANNING ASSESSMENT COMMISSION panel are the ultimate consenting authority, with a "duty of care" to all residents of South Western Sydney. It is your collective responsibility to protect our health, living, learning, working and recreational environments.
- Politicians, AGL and PAC Members do not have an anti-social licence to degrade our family lifestyle, our home, our backyard, our pools, our chook shed, our pigeon loft, our greyhound run, our veggie patch, our soil, our water, our air and the vital future of our communities.

We totally oppose the entire AGL-CSG Camden Expansion Proposal and expect that all consenting authorities do likewise. Could you please reply promptly, confirming that you have received my (family) submission.

Yours Faithfully

Signature(s)

Full Name(s)

Address

Mark A Roberts

MARK A. ROBERTS

25 LITVIEW DR ORANGEVILLE NSW 2570

OUR DEADLINE IS - FRIDAY 8 FEBRUARY 2013***"write early, write often"******Copy and pass on***

From: Brad Robinson <brobinson@toptensoftware.com>
To: <plan_comment@planning.nsw.gov.au>
Date: 1/22/2013 6:05 pm
Subject: Don't Sacrifice Greater Western Sydney to Coal Seam Gas

3 Bradley Drive
Harrington Park NSW 2567

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,
Brad Robinson.

From: Cira Robinson <cirarobinson@hotmail.com>
To: <matthew.riley@planning.nsw.gov.au>
CC: <assessments@planning.nsw.gov.au>
Date: 2/8/2013 4:22 pm
Subject: Submission Details for Cira Robinson (object)

Confidentiality Requested: no

Submitted by a Planner: no

Disclosable Political Donation: no

Name: Cira Robinson
Email: cirarobinson@hotmail.com

Address:
6

Bow Bowling, NSW
2566

Content:
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 am writing this submission to let you know my deepest disapproval and absolute opposition to AGL's Application 09_0048; Camden Project- Northern expansion for Coal Seam Gas (CSG) mining in the suburbs of Campbelltown and Camden including the Scenic Hills and Mount Annan Gardens. It is well known and documented (Southern Queensland, Pennsylvania USA) that the CSG mining process has the following detrimental effects:

- * Contamination of soil, water and air with chemicals used in the process, and an added contamination by the release of natural chemicals that are disturbed during fracking, such as the B-TEX group and radioactive, heavy metals many of them carcinogenic.

- * Production of greenhouse gases: carbon dioxide and methane: coal seam gas extraction activities can involve the venting of methane gas at well sites as part of operations and maintenance procedures. They can also involve fugitive emissions of methane through fractures created in geological formations potentially attributable to coal seam gas extraction activities. In this regard, note that a recent research program undertaken by the Southern Cross University, which was the subject of an article in the Sydney Morning Herald on 15 November 2012, reportedly identified unacceptable high levels of methane emissions leaking from a gas field in Queensland. This matter is of high importance given the promotion of the CSG industry (including AGL) advertisements as a clean energy source, which scholars refute.

- * Added potential risks of fuelling fires (methane) in the hot summers in places such in Australia: last Jan 25, 2013, a grass fire developed between the Bow Bowling estate and the Ingleburn industrial state, close to the Scenic Hills. Should the proposed CSG wellheads be in place, the results of the fire would've been catastrophic with the risk of losing our homes and our lives.

- * Waste production including saline solutions and chemical waste that in many cases are stored in big open ponds (see Gasland film)

- * Use and storage of dangerous chemicals used for fracking operations.

- * Adverse effects on peoples health (including domestic animals) , such as skin rashes, breathing problems including asthma, bleeding nose, headaches and depression. Some health authorities claim a higher incidence of cancer.

- * Direct contamination to operators, causing burns and irreparable health damage due to the fact that the chemicals used in fracking are "confidential" and in many cases they are not disclosed not even to operators that handle them

- * Destruction of biodiversity, including endangered species of flora and fauna
 - * High demand for the vital and precious element water, causing ground water depletion.
 - * Physical aspect change to an "Ugly and dirty industrial area or gas field"
 - * Noise and congestion close to our residential homes, schools and churches, creating another pollution: noise pollution
 - * Usage of our residential streets with heavy trucks transporting heavy industrial machinery, chemicals and waste
- Potential Risks of:
- * Disturbance and interference of the natural aquifers
 - * Land subsidence and their consequences
 - * Devaluation of land and property nearby due to the above effects. In many cases this translates to bankruptcy and destruction of people's livelihoods.

Regarding disturbance of aquifers, it's well reported and documented that CSG industry interferes with the ground water in several ways. By extracting ground water it depletes the surrounding areas of this vital element, disturbing the aquifers, changing the pH and composition of the surrounding soil, degradation of the land including salinity in an irreversible way.

Undisclosed chemicals in undisclosed amounts are used in many of the processes of CSG hydraulic fracturing activities (fracking) that involves the insertion of a predominantly slurry mix (generally fracking comprised of 95% sand and water and 5% chemical additives) to create a fracture in the coal seam to facilitate the gas extraction process. This process can potentially result in the creation of fractures in surrounding bedrock and long-term contamination of groundwater and surface water that ultimately feeds the river systems and dams and finally our food and home taps.

Another source of contamination can be byproducts of the fracking process (Doctors for the Environment) many of them carcinogenic (in the year 2011, we were made aware through all the media that traces of the carcinogenic B-Tex chemicals have been found in monitoring bores at a coal seam gas operation on Queensland's Darling Downs).

Regarding my specific objection, AGL proposal Camden Gas Project- Stage 3, plans to build wellheads sites to be upslope and in close proximity to watercourses and to run its main gathering pipeline along Sydney's Upper Canal. This means that this proposal poses risks not only to the water of South West Sydney but also to Sydney's water supply.

"The Scenic Hills" which AGL proposes to use as the centre of their operations is one of the few green buffers in the ever growing population of the Macarthur area also considered as our "Centennial Park" or the "lungs of our area". It is well known the Campbelltown area is in a basement, we already get the pollution from Sydney and the surrounding areas, which is associated with respiratory problems (NSW Environmental Protection Authority). Our particular suburb Bow Bowing (almost 2000 people and where my home is) is already surrounded by 2 industrial estates of Ingleburn and Minot. Leaving the Scenic Hills as our only relieve.

The Scenic Hills is "zoned environmental protection" (LEP D8 Central Hills Lands), extractive industries and mines are prohibited under the Campbelltown Council zoning system and therefore it must be treated as a protected scenic environment, which also provides a visual contrast to the urban areas of Campbelltown, Camden and Liverpool.

A draft Visual Study being prepared for Council as part of the preparation of a consolidated Local Environmental Plan applying to the whole of the Campbelltown LGA, concluded that "The landscapes of the Scenic Hills provide the setting for the City of Campbelltown and are What make it a truly unique example of a satellite city"

The AGL proposed well sites locations would also be detrimental for the rich biodiversity and endangered species (such as the Cumberland Land Snail) in the Scenic Hills of Campbelltown. The potential Economic and Health impacts to the community of Campbelltown and Camden could be huge not only by destroying our Scenic Hills (our lungs) but equally would also destroy our livelihood by transformation of our area into gas fields with a network of tunnels underneath densely populated areas with the disastrous risks of land subsidence and gas emissions inside our homes, which would have a detrimental economic impact on the population, comprised of hard working Australians, where in many cases their home is their only investment asset, in many cases with bank mortgages still to be paid off.

Unfortunately, the mining industry is self-regulated, there aren't enough regulations in place and government bodies to scrutinize closely their processes; there isn't transparency on the disclosure of

names and amounts of the chemicals used in the fracking process. AGL refuses to disclose the volumes and types of chemicals to be used as drilling additives, or as part of fracking operations (requested by Campbelltown Council in previous submission)

David Kelly from AGL says that they have been operating "safely and securely around Camden suburbs for 10 years and no harm is done" (Macarthur Chronicle December 11, 2012) but he hasn't got any data to prove it. AGL has failed over and over to address deficiencies in the level of baseline data as well as the assessment of impacts associated with the above key issues associated with coal seam gas activities, there has been non-compliance with license condition of the Camden Gas Projects' Environmental Protection License (EPL No 12003) in each year since it was issued in 2004. Full impacts on groundwater are unknown due to the minimal level of data provided by AGL in its Annual Environmental Performance Reports, a claimed breach of its Petroleum Production Lease (PPL).

In August 2012, it was found that AGL had failed to conduct continuous air monitoring at its Rosalind Park Gas Treatment plant for the last 3 years, in breach of its EPL which the EPA is now investigating.

Mr. Kelly also "assures us" that if the proposal goes ahead, they will "minimize" fracking by practicing horizontal drilling (up to 2.7 km from the point of the well head). This means drilling under our homes with the creation of a network of tunnels underneath densely populated areas with disastrous risks of land subsidence and emission and contamination with a mixture of gases and toxic chemicals used during fracking inside of our own homes.

It's not true what Mr. Kelly claims about AGL "operating safely and securely in Camden and surrounding suburbs such as Cawdor, Menangle Park and Elderslie for 10 years", the fact is that the Camden Project operations stages 1 and 2 are predominantly in rural areas of Camden and not as the stage 3 proposal : under our homes

In my opinion this is a criminal act, unthinkable, never done before in Australia or other part of the world almost comparable to the act of the Nazis by throwing people into gas chambers, just that in our case deaths may not be instantaneous but slow. I think both AGL with their stage 3 proposal and the State Gov by allowing AGL to get to this point of the proposal have crossed the line of the principles of integrity and duty of care towards the community of Campbelltown and Camden. This is an assault on our fundamental rights of democracy and freedom for people who live in this area. I am completely opposed to the AGL proposal of the Camden Project- Stage 3. I don't have any confidence in AGL which hasn't had an open and frank communication with our community. I question their claims of 10,000 letterbox drops because neither I or other people that I know have received one, a biased Community Consultative Committee and with misleading information during their so called "Information sessions", let alone the poor information on their website.

I also find it atrocious, to learn that AGL has its own army of paid professional lobby groups and I would not be surprised if in a few years we'll have AGL and current state Gov. politicians answering questions to ICAC

I also request through the government bodies, for AGL to be closely scrutinised in their existing operations across Stages 1 and 2 of the Camden Gas Project Area.

AGL and Chris Hartcher claims of shortages of gas by 2016 if this project doesn't go ahead are unfounded. Experts are telling us that the current gas fields in Moomba S.A. and Bass Strait have, sufficient gas supply for Australia's gas needs and a sustainable export industry for another 100 years.

The only beneficiaries would be the AGL top management and their share holders, at such a high cost to the people of Campbelltown and Camden and their future generations. The State government of the day would collect some royalties but in the long run their bills for healthcare and housing would go into the red and the price for the government would be also too high.

If the State government and AGL go ahead with this project, all the irreversible disastrous effects mentioned above will affect at least 28 suburbs, including Campbelltown and Camden CBDs.

At the present 150,000 people live in this area, with plans of this same State government to expand the housing industry in this area to accommodate up to 500,000 people, taking much of Sydney's planned population growth. All these people will become the "Guinea Pigs" of AGL with the blessing of the Coalition State government.

The once young and vibrant suburbs of Campbelltown and Camden will become dirty and polluted gas fields and this would be the legacy of the O'Farrell Government and AGL.

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

Yours sincerely,

Cira Robinson

6 Warrumbungle Place- Bow Bowing 2566

Friday, 08 February 2013

IP Address: 123-243-58-220.static.tpgi.com.au - 123.243.58.220
Submission: Online Submission from Cira Robinson (object)
https://majorprojects.affinitylive.com?action=view_diary&id=54472

Submission for Job: #2921 Camden Gas Project Stage 3 Northern Expansion
https://majorprojects.affinitylive.com?action=view_job&id=2921

Site: #41 Camden Gas Field; , Camden/Wollondilly/Campbelltown
https://majorprojects.affinitylive.com?action=view_site&id=41

From: Tony Robinson <SkippyChaser@yahoo.com.au>
To: <plan_comment@planning.nsw.gov.au>
Date: 2/7/2013 7:39 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.
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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,
Tony Robinson

From: "David Robson" <drobson@idx.com.au>
To: <plan_comment@planning.nsw.gov.au>
Date: 2/8/2013 10:04 am
Subject: Proposal Fracing at Camden Sydney Region

Proposal - Fracing in Sydney Region.

Our family protest at the proposed decision of the NSW Government to commence

Fracking Camden and the Sydney Region on the following grounds:

1. -

The boring into/through the bedrock will release the highest grade of salt.

The citizens of NSW are yet to be informed as to the ingredients used.

Answers to community appeal for disclosure have not been forth-coming from the NSW Government in 2012.

2. -

The aqua-culture: the water reservoir beneath the city and environs will become contaminated with the 'cocktail' of undisclosed ingredients to be used.

3.

Gases from such well-heads are causing illness and injury to personal health of near-by residents in other regions of Australia.

4.

Devaluation of residences adjacent to such wells is evident in regions in other states.

The NSW Government 2012 has yet to satisfactoraly show the citizens of Camden and Sydney region that facts are otherwise.

We hereby protest most strongly, to the actions of the NSW Government in the proposal to allow the industry of fracing within the Sydney region.

David Robson

Margaret Robson

21 Callicoma Street

MOUNT ANNAN NSW 2567

Phone - 02 4647 4458

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



Jennifer M. Rombi,
13 Namatjira Close,
Eagle Vale. 2558



Dear Sir/Madam

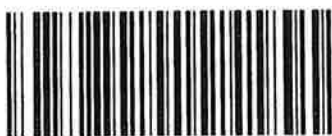
Re: Camden Gas Project Stage 3, Project Application 09_0048

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 (3rd 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,



PCU041036

25 January 2013

Dear Director of Mining and Industry Projects NSW,

I recently (2009) moved to Harrington Park to be near my family and 3 grandchildren. This is a great location for a young family, plenty of good schools, parks, Campbelltown TAFE, University of Western Sydney, Town Centres and sporting facilities together with lots of employment opportunities.

However I have recently become more and more concerned and indeed extremely alarmed at the proposed fracing by AGL-CSG in this area (under this populated and established community)!

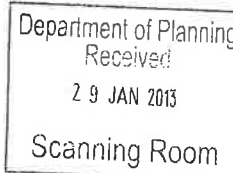
Is South Western Sydney AGL's and the O'Farrell Government's test case to expand toxic mining under metropolitan Sydney?

Shame on this Government for considering such an unknown practice such as fracing, using toxic chemistry underneath our properties and families.

If this government proceeds with this AGL-CSG proposal it will be facing massive anger and resentment from the community which I am sure will be reflected in the next State Election. I for one will not vote Liberal again (after a staunch Liberal voter of 49 years.)

Yours sincerely,

Glenda Rodgers
21 Mason Drive,
Harrington Park 2567



Glenda Rodgers

25/1/2013

REFERENCE: Submission Opposing AGL COAL SEAM GAS (AGL-CSG) Camden Gas Project - Northern Expansion (Stage 3)

Project Application No. 09_0048

From: Martin Rodoreda <martin.rodoreda@sca.com.au>
To: <matthew.riley@planning.nsw.gov.au>
CC: <assessments@planning.nsw.gov.au>
Date: 2/6/2013 8:53 am
Subject: Submission Details for Martin Rodoreda (object)

Confidentiality Requested: no

Submitted by a Planner: no

Disclosable Political Donation: no

Name: Martin Rodoreda
Email: martin.rodoreda@sca.com.au

Address:
15 Frontignan St

Eschol Park, NSW
2558

Content:

I would like to formally submit my opposition to the coal seam mining project under homes in Kearns, Raby and Eschol Park. My family and I purchased a home in Eschol Park approximately 5 years ago, and continue to pay off our mortgage, as well as investing time and money into renovating the property. I have two young boys (6 & 4).

My primary objection to the project is the environmental and health impact and what this means for the health of my boys. My eldest son already suffers from asthma and from what I have read, there are many unresolved health issues and environmental concerns around Coal Seam Gas mining. In my view it would be grossly negligent for such a project to be approved so close to heavily populated areas, unless there was absolute certainty that there would be no detrimental health and environmental impacts.

The second area of concern is the impact this will have on the value of our property. We are a single income family, having put the welfare and care of our children ahead of financial advancement. We are comfortable, but should the project impact negatively on the value of our property, we would likely find ourselves trapped in our current home, potentially paying a loan higher than what we could hope to sell the property for. This would be particularly alarming if the project does begin to affect health and environment in the area.

I'd implore you to put the health and well-being of the community ahead of the financial aspirations of a mining company. Thanks for your time.

IP Address: - 203.1.211.150

Submission: Online Submission from Martin Rodoreda (object)
https://majorprojects.affinitylive.com?action=view_diary&id=54013

Submission for Job: #2921 Camden Gas Project Stage 3 Northern Expansion
https://majorprojects.affinitylive.com?action=view_job&id=2921

Site: #41 Camden Gas Field; , Camden/Wollondilly/Campbelltown
https://majorprojects.affinitylive.com?action=view_site&id=41

From: Daniel Roe <Daniel.roe@det.nsw.edu.au>
To: <matthew.riley@planning.nsw.gov.au>
CC: <assessments@planning.nsw.gov.au>
Date: 2/5/2013 8:39 pm
Subject: Submission Details for Daniel Roe (object)

Confidentiality Requested: no

Submitted by a Planner: no

Disclosable Political Donation: no

Name: Daniel Roe
Email: Daniel.roe@det.nsw.edu.au

Address:
1 Ross Street

Currans Hill, NSW
2567

Content:

Dear Mr Hazard and Mr Patterson,

I would like to raise an objection to the planned Coal Seam gas mining for the local Camden area. I have been a resident Currans Hill since 2002. When we bought our land in Currans Hill we never imagined that there would be the possibility of CSG mining in our area. Having overlayed the maps I can see that the planned wells CU06, CU10 & CU14 are directly adjacent to Woolshed Place and Saddle Close and will be visible from many houses in Currans Hill. This is less than 500 metres from my property! I am extremely happy where I live and plan on living here with my family for many years to come.

I have grave fears for the resale value of my property and also the local environment should this submission be approved. My sister is a geologist and informs me that CSG mining is fraught with dangers to the water table and environment.

I am of the strong opinion that any activity of this nature should be kept as far away from existing and planned residential areas. Is our state not large enough to relocate these activities to a more remote area away from the general public?

Any minister who votes for or approves this kind of activity will certainly lose my vote in the next round of federal and state elections.

Please consider my objection when assessing this application.

IP Address: - 101.174.166.241

Submission: Online Submission from Daniel Roe (object)
https://majorprojects.affinitylive.com?action=view_diary&id=53984

Submission for Job: #2921 Camden Gas Project Stage 3 Northern Expansion
https://majorprojects.affinitylive.com?action=view_job&id=2921

Site: #41 Camden Gas Field; , Camden/Wollondilly/Campbelltown
https://majorprojects.affinitylive.com?action=view_site&id=41

From: Erin Rollestone <Erollestone@yahoo.com.au>
To: <plan_comment@planning.nsw.gov.au>
Date: 1/17/2013 9:46 pm
Subject: Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS:

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

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,
Erin Rollestone

From: Lesley Rollo <jlrollo@bigpond.com>
To: <plan_comment@planning.nsw.gov.au>
Date: 2/6/2013 8:25 pm
Subject: Submission for the AGL Coal Seam Gas Expansion

Reference: Submission Opposing the AGL Coal Seam Gas (AGL-CSG) Project Application No 09 0048
Camden Gas Project-Northern Expansion (Stage3)

We have enjoyed living in Mount Annan for the last 11 years and the Macarthur area 30 years. We recently became aware of the posed expansion of the AGL project which includes tracking or fracturing and are very concerned this could be detrimental to my and my wires health. If I had known this was to be proposed I would have left the area to assure no potential health issues for my family plus to assure I have a financial future in my impending retirement. I have been following this matter in the radio media and are fully aware of the issues and risks to me and my fellow citizens. The tracking technology and its inherent chemicals is so fearful to me and the family this is an issue which we are prepared to change our state and federal voting intentions. The argument that previous governments are to blame for this bad decision does not wash with me and I will hold the current state government to task if this foolish decision is implemented.

We totally and completely oppose the entire AGL-CSG Camden Expansion Proposal and expect that all consenting authorities do likewise.

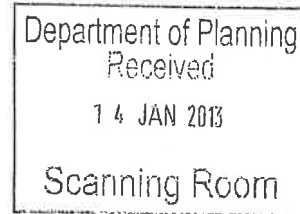
Please reply and in a timely manner your receipt of my submission.

Yours Faithfully

Joseph & Lesley Rollo
17 Crystal Way Mount Annan 2567

jlrollo@bigpond.com

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 (3rd 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 Canol 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	CAROLYN ROLLS
Address	101 Mitchell St Echuca Vic 3564
Signature	Carolyn Rolls
Date	8.01.13

From: "Bianca Romeo" <biancaromeo@bigpond.com>
To: <Plan_comment@planning.nsw.gov.au>
Date: 1/27/2013 1:41 pm
Subject: Reference: Submission opposing AGL coal Seam Gas (AGL_CSG) Camden Gas project - Northern Expansion (stage 3) PROJECT APPLICATION No. 09_0048

To: Director of Mining and Industry Projects NSW

I strongly oppose the AGL coal Seam Gas (AGL_CSG) Camden Gas project - Northern Expansion (stage 3) PROJECT APPLICATION No. 09_0048 due to the unforeseen health risks and impact on our environment.

Bianca Romeo

From: Virginia Rowlands <ginnygin7@hotmail.com>
To: <plan_comment@planning.nsw.gov.au>
Date: 2/7/2013 7:27 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,
Virginia Rowlands

From: "Trish and Craig" <trishncraig@portersproduce.com.au>
To: <plan_comment@planning.nsw.gov.au>
Date: 2/6/2013 3:45 pm
Subject: Dear Director of Mining and Industry Projects NSW
Attachments: Dear Director of Mining and Industry Projects NSW.docx

Please see attached document.

Trish and Craig Roy

47 Elizabeth Macarthur Avenue

Camden South NSW 2570

No virus found in this message.

Checked by AVG - www.avg.com

Version: 2013.0.2897 / Virus Database: 2639/6079 - Release Date: 02/03/13

Dear Director of Mining and Industry Projects NSW

Re: **SUBMISSION OPPOSING AGL COAL SEAM GAS 9AGL-CSG
CAMDEN GAS PROJECT - NORTHERN EXPANSION (Stage 3)
PROJECT APPLICATION NO.09_0048**

We moved to Tahmoor in 2008 seeking to live in a beautiful country area away from the hustle and bustle of the City – and the pollution. We don't own our own home as yet, so have been renting in various areas including The Oaks, Ellis Lane – and currently in Camden South.

We chose this area not only for the aforementioned reasons, but also for the fact that we could reside in a peaceful, rural area – yet are still only an hour from the centre of Sydney, due to the wonderful expressways linking this area to so many other areas of Sydney. We were also impressed by the selection of both new and established schools – including Campbelltown TAFE, University of Western Sydney – plus the many and varied Industrial and Housing Estates; Town Centres and Sporting facilities.

Even though our children are now young adults and residing in the Sutherland Shire, we were hoping to convince them to come and live in this area when they settle down and start a family. We have always felt that living in a beautiful country area would be a more perfect lifestyle to raise a family.

We have noticed however, that both of us seem to be suffering from increasing allergy symptoms and respiratory problems – which neither of us has ever previously experienced. This has seen us needing to go to our Naturopath more frequently – for treatment of ever-increasing bouts of hayfever; sore eyes, ears and throat – and bouts of severe coughs and colds.

We were shocked to learn recently that we are living in an area with deceptively poor air quality – in fact the **worst polluted atmospheric Airshed in Greater Sydney!** **Air quality is a critical issue for not only us but *everyone who lives out here*.** How can we continue to live out here – or *want* to – when this is now the case?

Not only that, but we were even more HORRIFIED when we recently became aware of the proposed expansion of AGL COAL SEAM GAS DRILLING, MINING AND FRACING (or Fracturing) under our homes, schools, workplaces, football fields, cricket ovals, leisure centres, community halls, churches, petrol stations, overhead bridges, open spaces and catchment areas!!! **'FRACTURING' is breaking and cracking the sub-surface under us.**

There is *no way* we would have ever moved to this area if we had known that this was even just a likelihood – let alone happening right under our noses! We are fortunate, in only renting, that we can move to another area – but what about those locked into life-long mortgages for hundreds of thousands of dollars? What chances do you believe they will have of selling their homes and moving away from the devastating impact this will have on their lives if this is allowed to go ahead? **WHO ELSE WILL WANT TO LIVE HERE?** **WOULD YOU** want to live in an area that is destined for degradation and devaluation?

WHAT MORE CAN WE DO TO OUR PRECIOUS 'MOTHER EARTH'?

We've gone about as far as we possibly could ever go, from being in touch with – and respecting the very life-force of our being. This loving, amazing force that provides us with everything we could possibly ever need, has been raped, pillaged – and DISRESPECTED for too long now – AND WE ARE PAYING FOR IT! So many precious life-giving, oxygen-producing rainforests, eco-systems etc have been destroyed or compromised – all IN THE NAME OF POWER AND GREED - that the great Mother has nothing more to give.

This has now resulted in a MAJOR IMBALANCE between man and nature – which in turn has not only caused major CLIMATE CHANGE – but disruption and upheaval below the surface of the earth, due to mining in general. It will only **get much, MUCH WORSE until WE WAKE UP and LISTEN to the ever-increasing messages being sent our way – THAT WE HAVE TO CHANGE OUR WAYS!** There can be NO MORE mining, drilling of our Earth for shallow-minded, disrespectful, short-sighted, greedy profiteers! Please don't just dismiss this – *really think about it!*

Dishonesty and Deceit

We believe that AGL Consultants have been extremely dishonest and deceitful in their minimal description of 'fracing' processes. Despite misleading media reports AGL-CSG will definitely 'frac' underneath us. Their intentions are very clear in both their 2010 Environmental Assessment in Chapter 4.2; and in Chapter 3.4 of the 2012 Main Report. AGL falsely compares it's 'fracing' chemistry to 'harmless' products on a laundry shelf – when in fact the real chemicals in vast quantities are HIGHLY VOLATILE, producing toxic gaseous and particulate emissions to the earth, water supply and air.

The introduction of toxic and dangerous AGL Coal Seam Gas mining under our existing permissible land use zones of established and populated communities is totally inappropriate in every respect and absolutely UNACCEPTABLE!

AGL conceals its toxic 'fracing' chemistry behind claims of 'commercial confidentiality'. We do know that AGL use concentrated acids and biocides among a huge list of chemical cocktails, triggering volatile chemical reactions in coal and sandstone seams underneath our homes and schools. The fact that AGL will not disclose its fracing toxicology is absolutely absurd – and a potential nightmare with **disastrous health and environmental consequences.**

Mining is the most accident riddled industry in Australia. Mixing mining and untested chemistry under our very homes – as we sleep – is a disastrous formula for **major critical incidents.** We don't need – and we **refuse to live with** – the threat and fear of 'fracing' our dreams into nightmares after coming home from a busy day at our work and school. This is **frightening to the children in this community as well!** **Would YOU like to see your precious child frightened by all this? THINK ABOUT THE CHILDREN IN OUR COMMUNITY!**

Do you *really* FULLY comprehend the potential implications of cumulative long-term toxic emissions to our earth, our water supply and our atmosphere? Have your planning experts FULLY analysed AGL's documents to find the serious omissions and false conceptual modelling - promoted as acceptable science?

We understand that AGL-CSG drilling, mining and 'fracing' under our populated and established communities is totally new to urban Australia. **IS SOUTH WESTERN SYDNEY AGL'S and the O'FARRELL GOVERNMENT'S TEST CASE TO EXPAND TOXIC MINING UNDER METROPOLITAN SYDNEY?**

WE WILL FIGHT BACK!

If you proceed with AGL'S proposal you will be opening the pathway for a **MASSIVE CLASS ACTION** against all the decision makers, back door dealers and promoters of this toxic and hazardous industry!

We will **NOT ALLOW YOU TO USE US AS 'WESTIE LAB RATS'**. We will NOT see this done to anyone - so don't do this in ANYONE's backyard. We know YOU WON'T ALLOW IT IN YOURS!!

How can this be justified or allowed to go ahead when SO MUCH IS AT STAKE?

The major reasons why my husband and I STRONGLY OPPOSE AND OBJECT to the entire AGL COAL SEAM GAS EXPANSION include:

- Well documented historic poor air quality across the 'project' area and Greater South Western Sydney
- Serious health risks including dramatic increases in respiratory diseases and asthma
- South Western Sydney already has the highest incidence of hospital admissions for asthma
- Dangerously incomplete physical and chemical analysis of Coal Seam Gas 'fracing' processes
- Potential for long term undetected gaseous leaks forming toxic fugitive plumes in our breathing space
- Risks of uncontrollable toxic particulate emissions to earth, air and water - threatening our communities
- Will the ICAC belatedly examine the past political mining careers of suspect politicians as we choke in AGL'S neuro-toxins and overcrowd the very limited health resources in Sydney's South-West?

Threats to Our Natural Environment - Geology and Hydrology

- Long term geological damage to:- drinking water, water aquifers, water tables, creek beds and rivers
- Contamination of South Creek and Narellan Creek feeding the Hawkesbury-Nepean Catchment
- Structural damage to the Sydney Water Supply Channel undermined by at least 6 parallel drilling locations in our area of CUO2, CUO6, CU10, CU14, CU20 AND CU22 - each with 6 wells
- Structural damage to built environments and dangerous land slip in a predominantly clay sub soil
- Expansion and shrinkage of clay and shale sub-structures causing fracturing to gas pipes
- Irreversible damage to native flora and fauna, soil and vegetation
- Risks in waste management of by-products - including neuro-toxin particulates in

earth, water and air

Contradictory and Incompatible Land Use Layering

- Allowing legally established and developed residential, commercial, educational and recreational zonings – *all funded by our rates and statutory government taxes* – to be undermined, compromised and degraded by a toxic and dangerous mining industry.

Unpredictable Noise Disturbance – AGL-CSG Consultants Noise Studies are Totally Incompetent

- Inadequate credible studies into 24 hour drilling, mining and ‘fracing’ noise levels impacting on our health
- Failure to acknowledge long-term reflected and radiated sub-surface noise levels on sleeping disturbance patterns, neurological concerns given that the human perception of noise is six times greater at night time.

Deeply Flawed Community Consultation – Lacking Honesty, Openness and Transparency

- AGL provided only 2 copies of the Environmental Assessment – one at Camden Council foyer and one at Campbelltown – and withdrew the original Environmental Assessment October of 2010 so that the community could not compare the original proposal with the amended Main Report October of 2012
- Positioning the exhibition period leading into Christmas when families and work force are busy in preparation for the holiday season
- Failure by AGL to accept that many people do not have access to the internet; and those who have internet access would have great difficulty reading a 3000 page document on a computer screen
- Failure by AGL to provide complimentary CDS of their proposal to residents upon request – a practice of previous proponents of major projects.
- Poorly advertised and consequently poorly attended information sessions at which AGL specialist consultants could not answer questions – but would make notes
- A poorly designed AGL-CSG website – a potluck table of contents, using out-of-date maps which do not clearly show the level of urban development – no index and illogical page numbering
- Using only small section and out-of-date maps so that it is impossible to view the enormity of the whole project when previous proponents have provided fold-out A3 size maps
- Failure by AGL to show the 2,500 metre radius of each drilling footprint under homes, schools and creeks
- Using an unidentifiable AGL-CSG public relations spokeswoman, unqualified in mine engineering as the front person quoted in daily papers, while keeping faceless “experts” in the next room
- The AGL-CSG COMMUNITY CONSULTATIVE COMMITTEE (CCC) does NOT adequately represent the broader community; and that it does NOT keep accurate minutes and report back to the broader community

Political Posturing and Decision-Making Processes

- Concerns that you, your government departments, including Environment and Health, have not carried out complete, professional, expert and independent analysis of the GL-CSG proposal
- Concerns that the premier in the media has already indicated his approval for the AGL-CSG proposal, pre-empting the decision making process by the PLANNING ASSESSMENT COMMISSION (PAC) – a ‘selected’ panel of ‘experts’ to undertake a ‘merit review’ of the project
- It doesn’t help when Premier O’Farrell insults us (SMH 7.7.13 Page 7 Editorial) by trivialising drilling lines as being the size of a “teacup” – when in fact AGL state in 2012 MAIN REPORT in CHAPTER 4.3 that drilling varies from 178mm to 2000mm in diameter in the ‘fracing’ reaming process and the lines are up to 2.500 metres long. There does not seem to be even a token separation between AGL and some politicians

YOU HAVE A ‘DUTY OF CARE’

It is not up to my husband and I, my family or members of our community to prove that AGL’S Coal Seam Gas mining is a serious risk to our local life, health and future.

Camden Council, the State Government’s statutory authorities, Ministers, Cabinet, Premier and PLANNING ASSESSMENT COMMISSION panel are the *ultimate* consenting authority – with a **DUTY OF CARE TO ALL RESIDENTS OF SOUTH WESTERN SYDNEY.**

It is YOUR COLLECTIVE RESPONSIBILITY to PROTECT OUR HEALTH, LIVING, WORKING AND RECREATIONAL ENVIRONMENTS.

Politicians, AGL and PAC Members do NOT have an anti-social licence to degrade our family lifestyle, our soil, our water, our air and the vital future of our communities.

**WE TOTALLY OPPOSE THE ENTIRE AGL-CSG CAMDEN EXPANSION PROPOSAL -
ALONG WITH ANY OTHER PROPOSALS THROUGHOUT OUR ENTIRE COUNTRY -
AND WE EXPECT THAT ALL CONSENTING AUTHORITIES DO LIKEWISE.**

Your prompt reply would be appreciated – in confirmation of your receipt of this submission – along with the time and effort that went into it.

Yours sincerely

TRISH AND CRAIG ROY
47 Elizabeth Macarthur Avenue
Camden South NSW 2570

From: Jai Rowell MP <jai.rowell@parliament.nsw.gov.au>
To: <matthew.riley@planning.nsw.gov.au>
CC: <assessments@planning.nsw.gov.au>
Date: 2/8/2013 9:32 am
Subject: Submission Details for Jai Rowell MP (object)
Attachments: Stage 3 Northern Expansion of the Camden Gas Project_ Jai Rowell MP.pdf

Confidentiality Requested: no

Submitted by a Planner: no

Disclosable Political Donation: no

Name: Jai Rowell MP
Email: jai.rowell@parliament.nsw.gov.au

Address:
Shop 1

Tahmoor, NSW
2573

Content:
Submission by Jai Rowell MP, Member for Wollondilly

IP Address: - 202.146.8.4
Submission: Online Submission from Jai Rowell MP (object)
https://majorprojects.affinitylive.com?action=view_diary&id=54363

Submission for Job: #2921 Camden Gas Project Stage 3 Northern Expansion
https://majorprojects.affinitylive.com?action=view_job&id=2921

Site: #41 Camden Gas Field; , Camden/Wollondilly/Campbelltown
https://majorprojects.affinitylive.com?action=view_site&id=41

Submission by Jai Rowell MP, Member for Wollondilly to the Planning and Assessment Commission in relations to: *State Significant Development – Stage 3 Northern Expansion of the Camden Gas Project.*

To the Commission, I ask that the following submission be including in the assessment of the above mentioned project:

I write to place on public record my concerns over the proposed Stage 3 Northern Expansion of the Camden Gas Project by AGL.

My role as an elected representative is to listen and act upon the concerns raised by my constituency and this consultation process has resulted in a resounding objection by the local community in relation to this proposal.

My concerns and the concerns voiced to me by my constituency surrounding the Northern Expansion project manifest in a number of areas, which are:

- Environmental
- Residential proximity
- Social
- Fiscal

Environmental Concerns:

I am concerned about the potential impact on the local environment that the Northern Expansion could have. I recently attended a very comprehensive site tour and information briefing from senior staff at the project and while this has answered many questions I have had, I am still hesitant about the un-documented long term effects of CSG mining (including fracking) near water catchment lands in particular and the value of this current application under residential areas.

I believe that to date there is not enough data on the long term affects this practice has on underground aquifers to ease my concerns. In regards to fugitive emissions I applaud AGL for their dedication in monitoring for fugitive emissions and for employing independent researches to verify these findings. In the absence of any quantifiable data that I have sourced about the potential impact on nearby communities in the *event* of a leak, I am concerned about the risk to the community should this arise. Thus I request that the commission take into consideration the potential risk of the expansion into populated areas and the potential risk of contamination should a well be compromised.

Finally, the air quality in the geographical basin that encompasses much of my electorate has for many years been proven to be the worst in Sydney and the pollution from the Greater Sydney area settles in the basin. Any activity within this basin that has the potential to

negatively impact on air quality within the Wollondilly Electorate has always been a major concern of mine and a large portion of the local community.

Proximal Concerns:

The location of the expansion in proximity to the local population is a major concern of mine. I understand that the energy needs of the local community and indeed the State must be met however CSG mining in proximity to schools, churches, waterways and homes is of greater concern. Whilst it remains viable, any CSG operations should take place in locations far removed from populated areas, Sydney Catchment lands and prime agricultural areas. I ask that the commission take into consideration the geographical location of the expansion and consider the future residential developments proposed for the area in making their decisions. I believe the two are incompatible under the current application.

Social Concerns:

I have been inundated with emails, letters and phone calls by concerned residents and community actions groups that these wells are too close to homes. I believe that the proximity of wells to current or future residential homes needs to be addressed by the Commission. I cannot recount, nor do the records I have viewed reflect a single person that has come forward in support of the Northern expansion -- and contacted my office.

In my assessment of the Wollondilly constituency, the overwhelming majority do not support the expansion in its current form. I believe my job as a local Member of Parliament is to do my very best to enact the expressed opinions of the community and as such I support their objection. I ask that the Commission consider the volume of submissions against this proposal from residents who reside in proximity to the project when making a determination. I applaud the Government's extension of the deadline for public submission as I believe it allows for greater public input. I strongly urge the Commission to recognise the submissions of local residents as a major contributing factor in your determination of the project.

Fiscal Concerns:

Finally I note my concern regarding the potential for housing prices to be negatively affected by this expansion. Many residents have moved to Wollondilly and surrounding suburbs to experience the rural lifestyle and unique amenity that our community currently offers. The expansion of this industry may have a harmful affect on the current housing market, driving down prices and placing financial pressure on local families.

I am also concerned with the potential for this expansion to deter future home owners moving into the projected growth areas identified as part of the South West Growth Centre. These growth centres are needed not only to stimulate the local Wollondilly / Macarthur economy but also to meet the severe housing deficit across the State.

To conclude I object to the Camden North Expansion proposal in its current form and I ask that the commission consider the issues that I have raised, as well as those raised by the local community when making a determination.

Kind regards,

Jai Rowell MP
Member for Wollondilly

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 (3rd 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	Leanne Rule
Address	4 oak Place Bradbury
Signature	L. Rule
Date	18.1.2013

From: dm russell <dmrussell26@gmail.com>
To: <plan_comment@planning.nsw.gov.au>
Date: 2/6/2013 4:10 am
Subject: Application: 09_0048; Links does not work/ Contact person uncontactable- please extend the deadline

Good Morning,

I am planning to lodge my protest against the Northern Expansion of Camden Gas Project which is closing on the 8th Feb 13. I would like you extend the deadline for submissions by 4 weeks as Links does not work/ Contact person uncontactable.

I went to the website
<http://agk.com.au/camden/index.php/northernexpansion> to get details.

However, the following links does not work:

1. Camden_Submissions Report Figures link at
http://www.agk.com.au/camden/assets/pdf/Nov2012/_Camden_Submissions%20Rpt_RevF.pdf

2. Appendix_B link at

http://www.agk.com.au/camden/assets/pdf/Nov2012/Appendix%20B%20-%20PB_Camden.pdf

3. Further the e-mail address provided for contacts in the bottom of the webpage <http://agk.com.au/camden/index.php/northernexpansion> (alexandra.frohlich@aecom.au) does not work (bounces back).

How can get information before I lodge my objection?

Please extend the deadline by another 4 weeks(closes on 8 Feb 13).

This is a confidential e-mail and please do not publish/ forward/make public this e-mail.

Kind Regards

From: Enquiries All Aussie Fire <enquiries@allaussiefire.com.au>
To: <plan_comment@planning.nsw.gov.au>
Date: 2/8/2013 7:15 am
Subject: FW: Camden Gas Project
Attachments: Camden Gas Project Stage 3, Project Application 09_0048.pdf

Dear Sir/Madam

Attached is my rejection of the gas project in the Macarthur area.

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.

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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.

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

Yours sincerely

Name	L. Russell
Address	67 Sackville Street, Ingleburn NSW 2565
Signature	
Date	7 th February 2013

From: Rosie Russell <rosiejrussell@yahoo.com.au>
To: <matthew.riley@planning.nsw.gov.au>
CC: <assessments@planning.nsw.gov.au>
Date: 2/8/2013 2:51 pm
Subject: Submission Details for Rosie Russell (object)

Confidentiality Requested: no

Submitted by a Planner: no

Disclosable Political Donation: no

Name: Rosie Russell
Email: rosiejrussell@yahoo.com.au

Address:
8 Banks Place

Camden South, NSW
2570

Content:

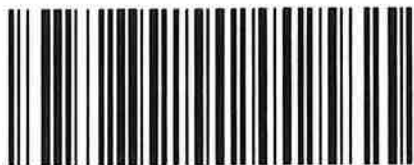
Coal seam gas (CSG) companies are moving into the suburbs of Sydney, posing risks to our house prices, water supplies and potentially our families health, including the risk to our drinking water. The potential risks of CSG need to be thoroughly researched, by independent researchers, not associated with the mining companies, costing \$150 million, before we really know the REAL risks associated with Coal Seam Gas.

IP Address: - 153.107.97.165

Submission: Online Submission from Rosie Russell (object)
https://majorprojects.affinitylive.com?action=view_diary&id=54445

Submission for Job: #2921 Camden Gas Project Stage 3 Northern Expansion
https://majorprojects.affinitylive.com?action=view_job&id=2921

Site: #41 Camden Gas Field; , Camden/Wollondilly/Campbelltown
https://majorprojects.affinitylive.com?action=view_site&id=41



PCU041314

Box 384,
P.O.,
Camden, NSW, 2570,
28/1/13

Department of Planning
Received
6 FEB 2013
Scanning Room

Director,
Mining and Industry Projects,
NSW Department of Planning,
Box 39,
G.P.O.,
Sydney, NSW, 2001.

Dear Director,

RE: Project Application No. 09_0048
(Camden Gas Project- Northern Expansion, Stage 3)

Unless and until AGU can provide a full "cost-benefit" analysis of all the aspects and consequences of Coal Seam Gas extraction as proposed for the Camden-Campbelltown area produced by an unbiased source, i.e. with no axe to grind either way and including all alternative sources of energy & costs thereof, apart from nuclear energy which is by far the most expensive option when the whole picture is addressed, I will remain implacably opposed to any such activity being carried out in this area.

Considering the already existing natural hazards to human health, from the high incidences of sinus and asthma problems due to the naturally occurring high pollen counts in the region, to the ill-effects caused by (again) naturally occurring temperature-inversion endemic to the Currumbin Hills/Smeaton Grange/Harrington Park precincts, there is no room whatsoever for the introduction of any additional threat to human wellbeing.

This means that Coal Seam Gas Extraction can only be countenanced if its use can be absolutely guaranteed to have no negative impact whatsoever on human wellbeing.

Can AGU conceivably give any such guarantee? I think not, but of course if you CAN then I will indeed go quietly.

Incidentally, I speak as one who happens to have a very long term involvement and connexion to this area, having farmed two of its most historic farms (from 1970 until 1998 in one case) and including direct acquaintance with two members of the surviving Fitzpatrick family (Ted Sedgwick & the late Barbara Noble) both privately and commercially, and I brought up my family of eight children on the "Thornleigh" farm, which, only found out much later was part of the original "Karelling" Estate, granted (yes he of Hume & Howell fame) so in fact I am now speaking not on behalf of those gone before much more than merely on my own at all!

My formerly solitary voice is nowadays swelled by the hugely increased current population of whom a great many notice must be taken on political terms for very obvious reasons. Have a CARE!

Yours Sincerely,

William Russell
(William Russell)

From: "Mark & Elena Rysko" <meprysko@bigpond.com>
To: <plan_comment@planning.nsw.gov.au>
Date: 2/1/2013 7:09 am
Subject: COAL SEAM GAS PROJECT

Date 1 February 2013

Dear Director of Mining and Industry Projects NSW,

Reference: Submission opposing AGL Coal Seam Gas (AGL-CSG) Camden Gas Project – Northern Expansion (Stage 3)

Project Application No 09_0048

I wish to object to the entire AGL – CSG Camden Expansion Proposal. I have only recently become aware of the full extent of the proposed expansion of AGL Coal Seam Gas drilling, mining and "fracing" ("fracturing") under our homes, schools, workplaces and catchment areas in my local area.

I am not against mining at all, however I believe that introducing toxic and dangerous AGL Coal Seam Gas mining under our existing populated communities, in the Macarthur area and in the Sydney Metropolitan area is totally inappropriate.

The major reasons why I oppose the entire AGL Coal Seam Gas Expansion are:

- Threats to air quality and health
 - o Serious health risks have been identified in other areas with gas wells, including dramatic increases in respiratory diseases, asthma and skin conditions
 - o Potential for long term undetected gaseous leaks forming toxic fugitive plumes in our breathing space
 - o Risks of uncontrollable toxic emissions to earth, air and water threatening our communities
- Threats to our natural environment – geology and hydrology
 - o Long term geological damage to drinking water, water tables, creek beds and rivers
 - o Contamination of South Creek and Narellan Creek feeding the Hawkesbury-Nepean Catchment
 - o Structural damage to the Sydney Water Supply Channel, undermined by at least 6 parallel drilling locations in our area at CU02, CU06, CU10, CU14, CU20 and CU22, each with 6 wells
 - o Structural damage to built environments and dangerous land slip in a predominantly clay sub soil
 - o Expansion and shrinkage of clay and shale sub-structures causing fracturing to gas pipes
 - o Risks in waste management of by-products including neuro-toxin particles in earth, water and air
- Incompatible land use layering

- o Allowing developed residential, commercial, educational and recreational zonings to be undermined, compromised and degraded by a toxic and dangerous mining industry
- Unpredictable noise disturbance
- o Inadequate credible studies into 24 hour drilling, mining and fracing noise levels impacting on our health
- o Failure to acknowledge long term sub-surface noise levels on neurological and sleeping disturbance patterns
- Deeply flawed community consultation, lacking honesty and transparency
- o AGL provided only 2 copies of the Environmental Assessment – one at Camden Council foyer and one at Campbelltown, and withdrew the original Environmental Assessment October of 2010 so that the community could not compare the original proposal with the amended Main Report October of 2012.
- o Failure of AGL to accept that many people do not have access to the internet, and those who have internet access would have great difficulty reading a 3000 page document on a computer screen or at all.
- o Failure by AGL to provide complimentary CDs of their proposal to residents upon request
- o Poorly advertised information sessions, at which AGL specialist consultants could not answer questions
- o A poorly designed AGL-CSG website, which I found difficult to navigate to try to find information
- o Failure by AGL to show the 2,500 metre radius of each drilling footprint under homes, schools and creeks
- Underhanded political posturing and decision making processes
- o Government departments do not seem to have carried out complete, professional, expert and independent analysis of the AGL-CSG proposal, and if they have, this has not been conveyed to the general public.
- o Premier O'Farrell trivialised drilling lines as being the size of a "teacup" (SMH 7.7.12 page 7 Editorial) when in fact AGL state in "2012 Main Report Chapter 4.3" that drilling varies from 178mm to 2000mm in diameter in the fracing reaming process and the lines are up to 2,500 metres long. I do not think having a 2m wide tunnel drilled under my home is acceptable.

I totally oppose the entire AGL-CSG Camden Expansion Proposal and expect that all authorities do likewise in order to protect my family lifestyle and the vital future of our community.

Yours sincerely,

Elena Rysko

625 Twelfth Avenue, Rossmore. 2557