

**"Sample Submission no. 3 – ALL SUBURBS"
opposing AGL Coal Seam Gas Expansion**

Prepared by Narellan Action Group

Page 1 of 2

Use this only as a guide – edit - add your own ideas – mix and match – express your feelings – a little controlled anger is fine – get your kids researching AGL and COAL SEAM GAS websites and writing submissions as well !!

ART OF SAMPLE SUBMISSION

The Honourable Brad Hazzard,
Minister for Planning and Infrastructure NSW,

4 January 2013

"without prejudice and in the public interest"

Dear Minister Hazzard,

**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.....[SUBURB NAME] in 2005 for the great location, employment, educational and lifestyle opportunities for our 3 children. With a selection of new and established schools, Campbelltown TAFE, the University of Western Sydney, industrial estates, commercial centres, town centres and sporting facilities close by it seemed a perfect place to settle down for the long-term. Unfortunately, my son has developed asthma since we moved here. We did not realise that the air quality is deceptively poor – in fact, the worst polluted airshed in Greater Sydney. If we can't breathe we can't live here. Air quality is a major health issue for all of us.

Just recently we became aware of the proposed expansion of AGL Coal Seam Gas drilling, mining and 'fracing' under our homes, schools, workplaces, football fields, cricket ovals, leisure centres, 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!

We are not against mining at all. But using dangerous mining methods under fully populated residential suburbs is totally inappropriate in every respect. It is absolutely beyond our belief that you as Minister, Mr Hazzard and your Planning Department, and your colleague, Health Minister Skinner, could allow our residential suburb to be so seriously compromised and totally undermined by an untested, controversial, dangerous, toxic, hazardous and emissive mining industry. AGL-CSG fail to describe in detail the physical and chemical processes of 'fracing' used to ignite massive chemical reactions in coal seams underneath homes and schools.

As Minister you personally are the consenting authority (As stated on the "STATE SIGNIFICANT DEVELOPMENT Document"), with the power to approve the AGL-CSG hazardous proposal. Surely you could not approve drilling mining and toxic 'fracing' under our well populated, established and developing communities if the chemical processes have not been described and documented by AGL-CSG in the Environmental Assessment?

Can my family assume that you personally, Mr Hazzard, have acted professionally, ethically and responsibly by reading, understanding and analysing all the AGL-CSG documents in their entirety, recording all the crucial errors, key omissions, as well as noting your own real concerns regarding our welfare? Plus, have you must be privy to the secret AGL-CSG 'fracing' chemical formulas? Do you fully comprehend the potential implications of cumulative long term toxic emissions to our earth, water and atmosphere? The answer is either 'Yes' or 'No'!

We understand that AGL-CSG drilling, mining and 'fracing' under our populated and established communities is new to urban Australia. South Western Sydney is an AGL-CSG test case for metropolitan expansion across greater Sydney. Are we your "wastie lab rats" Mr Hazzard? Are we your experiment in 'social injustice' and socio-economic and environmental degradation?

No one, not even you Mr Hazzard, has a social licence to degrade our family lifestyle, our home, our backyard, our chook shed, our veggie patch, our soil, our water, our air and the future of our community.

Air quality and health

- 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 methane gas leaks forming fugitive plumes of toxic emissions
- Risks of uncontrollable toxic emissions to air threatening many schools sited above mining

Natural Environment - Geology and Hydrology

- Long term geological damage to - 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 CU2, CU6, CU10, CU14, CU20 and CU22 – each with 6 wells
- Structural damage to built environments, dangerous land slip in a predominantly clay sub soil
- Expansion and shrinkage of clay 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

Noise

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

Community Consultation Process

- Failure by the Department of Planning, Camden Council and AGL to provide accessible information
- 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 2010 so that the community could not compare the original proposal with the amended Main Report October 2012
- Planning the exhibition period leading into Christmas when families and work force are busy in preparation for the holiday season. This is an old proponent's trick to reduce and dilute the community responses
- A false assumption that the majority of residents would have access to the internet and therefore passing the printing costs onto individuals - few people can read a 3000 page document on a computer screen
- Failure by AGL to provide complimentary CDs 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 as there were no so called AGL-CSG "experts" present to answer important 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 or an accurate footprint of mining areas and directions
- Using only small section maps so that it is impossible to view the enormity of the whole project
- Failure to show the 2,500 metre radius or 5 kilometre diameter circles of drilling footprints for each well
- Using an unidentifiable AGL-CSG public relations spokeswoman to be quoted in daily papers while keeping the so called "experts" under wraps
- 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 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

AGL Consultants have been dishonest in their documentation by not including an accurate definition of the "project area", omitting key credible studies on the historic poor air quality in our airshed, using "conceptual modelling" that suits their perspective, and neglecting to disclose the physics and chemistry of 'fracing'.

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 with its many statutory authorities, your Planning Department, and finally you, the Minister, the ultimate consenting authority, have a "duty of care" to all the residents of South Western Sydney to protect our health, living, learning, working and recreational environments. You personally Minister, your Premier and your Cabinet will be held personally responsible for destroying our basic human rights to clean air and water, good health, and quality education. threats that you would never ever let endanger you and your colleagues protected communities.

Could you please reply promptly, confirming that you have received my (family) submission.

Yours Faithfully

Signature(s).....

Full Name(s).....

Address.....

Dino Cagliardi & Irene Cagliardi
9 Wayman Ave. Hurlingham Park, N.S.W. 2567

END OF SAMPLE SUBMISSION

YOUR DEADLINE IS - FRIDAY 8 FEBRUARY 2013**SEND YOUR SUBMISSION(S) TO -**

Email: 1. plan_comment@planning.nsw.gov.au

2. camden@parliament.nsw.gov.au

Fax: (02) 9228 6455, NSW Department of Planning

Post: NSW Planning & Infrastructure, GPO BOX 39 SYDNEY, NSW, 2001

From: "Galagali, Ananda" <Ananda.Galagali@cba.com.au>
To: "plan_comment@planning.nsw.gov.au" <plan_comment@planning.nsw.gov.au>
Date: 2/8/2013 11:48 am
Subject: AGLs Camden Gas Project Issue
Attachments: CSG protest submission RAG.pdf

Hi,

Please find attached submission from 2 people regarding AGLs Camden Gas project issue.

We both do oppose this development.

Thanks,

Ananda Galagali &
Radhika Gururaja

***** IMPORTANT MESSAGE *****

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If you no longer wish to receive commercial electronic messages from us, please reply to this e-mail by typing Unsubscribe in the subject line.

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.

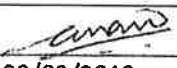
I do not believe that the NSW Government's new regulations for CSG mining will ensure its safe operation here. As the only commercially producing CSG field in NSW, the Camden Gas Project has already been operating under consent conditions. Yet the NSW Government has not been able to ensure compliance, 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	Ananda Galagali
Address	14 Grenada Road Glenfield
	NSW - 2167
Signature	
Date	08/02/2013

Emma Batchelor

From: Constantino Galea <gale1con@police.nsw.gov.au>
Sent: Monday, 17 December 2012 10:17 AM
To: Public Hazzard's Office Email
Subject: Re: Camde Gas Project Stage 3, Project Application 09_0048
Attachments: Camden Gas Project Stage 3.tif

Dear Sir/Mada,,

attached hereto is a letter addressing common concerns held by myself and other residents in the Campbelltown area concerning AGL's project application for Coal Seem Mining along the Scenic Hills.

I am against this project and wish to lodge those concerns with the Minister.

Regards,

Con Galea
Concern Campbelltown resident

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

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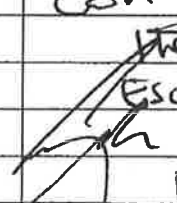
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Yours sincerely

Name	Con Galea
Address	Hermitage Place Escholt Park
Signature	
Date	17/12/2012

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

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

Yours sincerely

Name	ALINA & JAMES GALLAGHER
Address	27 MERINO DR
	ELDERSLIE 2570
Signature	Alina Gallagher Jim Gallagher
Date	16/12/2012

From: celia campanella <cil95@hotmail.com>
To: <plan_comment@planning.nsw.gov.au>
Date: 1/12/2013 12:11 pm
Subject: Camden Gas Project Stage 3, Project Application 09_0048
Attachments: Submission letter.doc

To whom it may concern, Please see enclosed submission letter for the above project. Regards, Celia Gamboa

12th of January 2012

Mr & Mrs Gamboa, 37 De Havilland Cres Raby, 2566

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 and are centred on our concerns for the environmental and health impacts that may occur for our future family and fellow community.

My husband and I purchased our first home in January 2012 in Raby with the intention of establishing a home in a safe and clean environment to start our family.

We choose to purchase our home in the Campbelltown area because of the safe neighbourhood and amount of parks and recreational space within the vicinity. We were also swayed by the views of the scenic hills surrounding our home and have been delighted by the vast array of fauna that we have since experienced, including a variety of birds, lizards and frogs that frequent our backyard.

As resident in Raby, we are aware that many of the proposed sites for these wells will be in the surrounding suburbs of our home and are concerned about the detrimental impact that the drilling will have on the delicate ecosystem.

In addition, we have just experienced the birth of our first child and are extremely concerned about the health impacts that the drilling will have on the community living within these sites. The plans for this project have made me extremely concerned for the future environment that we will be raising our child in.

As a current customer of AGL, we are disappointed by the proposal and are seriously consider finding another retailer. If the proposal should go ahead we will consider selling our home although can anticipate house prices will drop if the project goes ahead.

Please consider the above concerns as part of the wider community's views on this matter, to strongly oppose to these plans.

Yours sincerely,

Mrs Celia and Mr Christian Gamboa

From: Chris Garcia <stepsau@gmail.com>
To: <plan_comment@planning.nsw.gov.au>
Date: 1/9/2013 6:24 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 years. This will leave the community to deal with the impact of leaking wells on air quality and local water supplies.
- New research from Southern Cross University on methane gas leaks from coal seam gas fields has not been considered in the proposal. AGL has not conducted these studies to account for methane leakage on their existing coal seam gas wells.
- Despite research from the Queensland and the US suggesting ground water contamination and gas leaks from fracking, the proposal by AGL will allow fracking.
- The impacts of horizontal drilling have not been adequately considered in the Environmental Assessment.
- There are alternatives to coal seam gas, including renewable energy which can offer energy security without the unacceptable environmental and health risks posed by coal seam gas extraction.

Yours sincerely,
Chris Garcia

From: "Margie and Vince" <margievince@aapt.net.au>
To: <plan_comment@planning.nsw.gov.au>
Date: 1/30/2013 9:54 pm
Subject: Submission opposing AGL coal seam gas Camden Gas project - Northern expansion

To whom it may concern,

I have been living in Camden for 19 years and like the fact that it is a semi-rural town with easy access to the city. It is bad enough that the area seems to be being overdeveloped with the huge number of Legoland houses being built in the area on every inch of green land. However to develop an area to such and extent and then inform it's residents that there will be potentially hazardous mining taking place under their homes is ethically and morally quite wrong. It is with horror that I learn about what AGL is wanting to do to the area. Australia could be regarded as a nanny state in many ways for all its rules and regulations - OH and S and other rules protecting our citizens. However it seems that when money is involved - and greed - all of these rules go out of the window. There has not been enough research done on the effects of coal seam gas and fracking and yet companies and the local government seem willing to put people's lives at risk for the sake of getting some extra money.

Introducing dangerous and toxic breaking and cracking under homes, schools and places frequented by people and children seems absurd. It is now illegal to smoke near parks due to passive smoking and the effects will have on children, yet at the same time the government seems prepared to risk the lives of people to pursue this dangerous practice. It seems that south western Sydney and other areas of NSW are being used as an experiment. Why? Are the people of south western Sydney less important than other people in the Sydney area and can therefore be sacrificed if needs be.

We totally oppose the entire AGL- CSG Camden expansion proposal and expect that all consenting authorities do likewise.

Margaret Gardner and Vince Pulham

Elderslie

From: "lgardner@bigpond.net.au" <lgardner@bigpond.net.au>
To: <plan_comment@planning.nsw.gov.au>
Date: 2/8/2013 12:14 pm
Subject: Camden Gas Project Stage 3, Project Application 09_0048
Attachments: Submission_format_by_letter_CGP3.docx

Dear Sir/Madam,

Please find my objections to the application attached.

Yours sincerely

Lance Gardner

8-2-2013

Lance Gardner
35 Culverston Ave
Denham Court
NSW 2565

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

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

- Due to the close proximity of residents any unforeseen health problems and issues arising from increased methane gas levels
- Due to the close proximity of residents any unforeseen health problems and issues arising from the contamination of the water table by the various chemicals used to extract the coals seam gas
- Unforeseen damage to the fauna and flora from increased methane gas levels
- Unforeseen damage to the fauna and flora arising from the contamination of the water table by the various chemicals used to extract the coals seam gas
- The release of green-house gases caused by the extraction of the coals seam gas

When considering an application like this peoples health must be put first. If there is even the slightest risk the application must be rejected.

Yours sincerely

Lance Gardner

From: Robert Garnett <robertgarnett2@gmail.com>
To: <plan_comment@planning.nsw.gov.au>
Date: 2/8/2013 2:39 pm
Subject: Coal Seam Gas Mining in the Camden Region

I would like to voice my total objection to coal seam gas mining in the Camden region and anywhere near residential areas. The whole idea of approving CSG mining in New South Wales after the numerous health issue reports of people living near CSG mining in both overseas countries and Queensland, should be sufficient for government to halt CSG mining in New South Wales.

The above comment is particularly pertinent considering that shoal seam gas is available here in Australia in much greater quantities than CSG and the shoal gas is nowhere near residential areas.

The other main issue why CSG mining should be halted also anywhere near prime agricultural land because mining anywhere near agricultural land will effect the productivity or even ruin the agricultural activities.

The world by the year 2025 will require an increase in food to feed the would population by 35%. Australia has the land, the water and the technology to provide that food requirement. Why stuff up a huge revenue potential for Australia just because some overseas owned conglomerates want to make a quick profit and leave us (NSW) with problems that unable to be remedied.

The surface salt left behind during and after CSG mining has the potential to make the land unsuitable for agriculture for centuries! The possibility of contamination of our water supply from chemicals used in CSG mining has the potential to effect the health of future generations of Australians.

Given the above comments why would any government even consider CSG mining in New South Wales.

Regards,

Robert Garnett
Cronulla Branch Member

From: Narelle Garofano <narelle.coad@yahoo.com.au>
To: <plan_comment@planning.nsw.gov.au>
Date: 1/21/2013 2:33 pm
Subject: Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS: 218 Friday Hut Road, Possom Creek NSW 2479

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,
Narelle Garofano

From: Sarah Gaskin <sarahkgaskin@gmail.com>
To: <plan_comment@planning.nsw.gov.au>
Date: 2/8/2013 11:56 am
Subject: Camden Gas Project, Stage 3, Northern Expansion, Project Application 09_0048
Attachments: Claire Hilton_submission to DePI_Camden Gas Project.pdf; Valentina Carey_Submission to DePI_Camden Gas Project.pdf; Vincent Chodez_Submission to DePI_Camden Gas Project.pdf

Dear Sir/Madam,

*

*

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

*

*

I am submitting three pro formas on behalf of Claire Hilton, Valentina Carey and Vincent Chodez regarding the above-mentioned project.

Yours sincerely,
Sarah Gaskin

From: Christine Gatt <christine.gatt@live.com.au>
To: <matthew.riley@planning.nsw.gov.au>
CC: <assessments@planning.nsw.gov.au>
Date: 2/6/2013 2:15 pm
Subject: Submission Details for Christine Gatt (object)

Confidentiality Requested: no

Submitted by a Planner: no

Disclosable Political Donation: no

Name: Christine Gatt
Email: christine.gatt@live.com.au

Address:
29 Butler Street

Gregory Hills, NSW
2557

Content:
Dear Minister Hazzard

My family and I are new residents of Gregory Hills, having moved into our dream home on the 23/12/2012. We love our home, we love Gregory Hills and the Camden Council area in general.

This time for us should be full of nothing but excitement, settling into our new home and getting involved in the local community. This excitement however is being clouded by impending fear, caused by AGL's destructive plans for the Norther Expansion of the Camden Gas Project.

Our move to Gregory Hills has been over 2 years in the making. Coming from the Revesby area, my husband and I were looking for somewhere to settle with our 2 young children (currently 3 years and 6 months old). We wanted a place to create an idyllic childhood for them. Parks to play in, schools nearby and we wanted land big enough to build our dream home and have yard enough for a pool and for play. We found our block of land in Gregory Hills and were quick to place our deposit.

A few weeks after exchanging contracts with Dart West Developments we were to learn through the media of AGL's Northern Expansion plans. Through further research by myself I found that 2 or 3 of these proposed wells (CU02 and CU06 I believe) actually surround the Gregory Hills estate, being approx 2km from our property.

Dart West did not disclose their knowledge of this proposal in the contract of sale, and despite attempts through my lawyer we were unable to break the contract. Quite simply had I known of AGL's proposal I most certainly would not have bought land in Gregory Hills.

But press on with our dream we have, and now we must fight to save our backyard and local community.

Coal Seam Gas mining particularly by the fracking method puts fear in me for many reasons, and I therefore OBJECT HEAVILY to AGL's Northern Expansion proposal.

Reasons for my fear and subsequent OBJECTION are as follows:

- The safety of the fracking process has not been proven. 'NSW Health hasn't been consulted on this project and has requested a complete assessment of potential risk to human health' - SMH 18/01/2013.

How can the health risks of CSG mining be tested by trial and error on hundreds, if not thousands of families (of which I am one), this is NOT ACCEPTABLE.

- Gregory Hills is set for wonderful expansion, growth has already been seen on land value. My family relies on this growth to make our move out here a good financial move as well as a lifestyle move.

CSG mining in this area will most certainly destroy growth and will see nothing but degradation.

- Noise pollution

- Pollution/contamination of water supply (which will create destructive effects for an area greater than that of Camden).

Why even contemplate putting such wells in an area already well set for development, looking to see thousands of families move in, all with a similar dream to mine... Doesn't make sense.

I am only talking from my perspective - But how about the tens of thousands of families living in other areas affected such as Currans hill, Eagle Vale, Eschol Park and St Andrews - are you willing to threaten their health and livelihood as well?

How about conduct thorough research first into the effects of CSG mining, and then put the wells in areas that are going to impact the least amount of people - not in the middle of Sydney's biggest growth area.

I am not a guinea pig for CSG mining to be tested on, nor is my family. I am a 35 year old woman, mother of two young children and wife to a loving husband. All I want is to live my life knowing my family and I are healthy, safe and are going to be OK financially in 30 years time - I want to live without fear. If I'm living down the road from a CSG mine I don't think this is how my life will be.

I ask the question, those with the great idea of CSG mining and those, such as yourself, in position to approve such a project, are they living in an affected area? More than likely not. If you were living in an affected area, please think honestly of what your vote would be.

Mr Hazzard, I make a plea to you, please **DO NOT APPROVE** AGL's Northern Expansion proposal. For not only the sake of my family but for thousands like me and perhaps for the sake of Sydney as a whole.

Yours sincerely

Christine Gatt
Gregory Hills Resident
0430 444 734

IP Address: 197.212.70.115.static.exetel.com.au - 115.70.212.197

Submission: Online Submission from Christine Gatt (object)

https://majorprojects.affinitylive.com?action=view_diary&id=54041

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

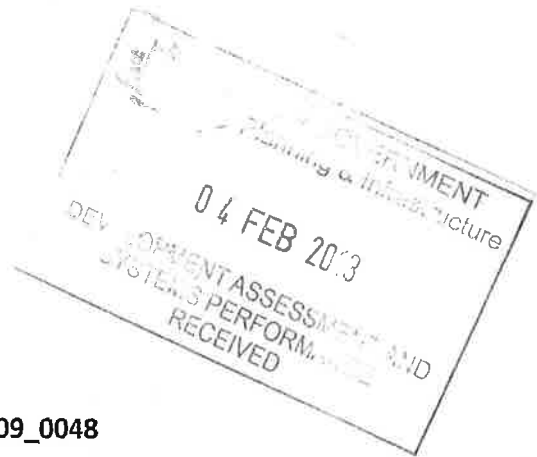
From: chris gellel <cgellel_1989@hotmail.com>
To: <plan_comment@planning.nsw.gov.au>
Date: 1/21/2013 11:49 am
Subject: Submission opposing AGL coal seam gas
Attachments: Coal Seam.docx

My family moved to Mount Annan in 2009 for the great location, employment opportunities and a great lifestyle. 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. If we had known about the AGL-CSG expansion we would have avoided the area as it will be destined for degrading and devaluing. 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 beyond our belief.

Major reasons why my family opposes the entire AGL Coal Seam Gas Expansion include:

- Air quality & health
- Threats to our natural environment
- Contradictory and incompatible land use layering
- Noise Disturbance
- Deeply Flawed Community Consultation- Lacking honesty, openness and transparency
- Political posturing and decision making processes
- Such a growing area with new estates, young families, improved roads, hospitals, freeways, growth area which is booming will be affected, housing prices may fall in people try to sell, the area won't be as popular and any new estates that open up people will rethink about buying.

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.

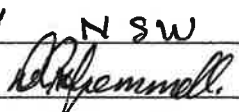
I do not believe that the NSW Government's new regulations for CSG mining will ensure its safe operation here. As the only commercially producing CSG field in NSW, the Camden Gas Project has already been operating under consent conditions. Yet the NSW Government has not been able to ensure compliance, 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	D. R. GEMMELL
Address	19 BOOMERANG CR.
	REBY NSW 2566
Signature	
Date	2ND FEBRUARY 2013

From: Linda Gill <lgill@bigpond.com>
To: <plan_comment@planning.nsw.gov.au>
Date: 2/7/2013 8:00 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.

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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,
Linda Gill

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

Yours sincerely

Name	JESSICA IRENE GILMAN
Address	31 PARK AVENUE ASHFIELD NSW 2131
Signature	
Date	6/2/13

From: "Gilmour, Tim" <Tim.Gilmour@dow.catholic.edu.au>
To: "plan_comment@planning.nsw.gov.au" <plan_comment@planning.nsw.gov.au>
CC: "Ingham, Peter Bishop" <bishop@dow.org.au>, "Turner, Peter" <Peter.Turne...>
Date: 2/8/2013 4:33 pm
Subject: Submission re Amended Development Application Number 09_0048 - Camden Gas Project - Northern Expansion (Stage 3)

Mining and Industry Projects
Department of Planning
NSW Government

via email - plan_comment@planning.nsw.gov.au<mailto:plan_comment@planning.nsw.gov.au>

Dear Sir/Madam,

Re Amended Development Application Number 09_0048 - Camden Gas Project - Northern Expansion (Stage 3)

I write on behalf of the Director of Schools for the Catholic Education Office, who has the delegated authority from the Bishop of Wollongong, Most Rev Peter Ingham DD and the Principals of Catholic systemic schools in the Diocese of Wollongong, in respect to the proposed Amended Development Application by AGL for the Northern Expansion of the Camden Gas Project.

Given the limited time for public consultation and discussion, we state our objection to the application in its current form and until such time that firm assurances can be given that address the basic concerns we hold about the proposed project.

There are 7 Catholic Parish Primary schools, 4 Diocesan Secondary Schools and 2 Independent Catholic Colleges located in the affected area of AGL's Sub-surface project that spans both the Camden and Campbelltown Local Government Areas. While it has been difficult to identify specific boundaries proposed by AGL in the affected area, it is likely that new proposed schools to be established in the years ahead to serve the rapidly expanding South West Sydney growth corridor would also be located within the affected region.

We oppose the amended project application on the following grounds:

1. The potential health risks associated with the exploration and processing of CSG, including 'fracing'. Given the large numbers of children and young people who attend the schools in the area, in addition to along with parents and staff who work in our schools, such potential risks to air and water quality and the associated impact on health is of grave concern to us. Without more definitive and tested environmental impact data that indicates a minimal risk, the project should not proceed in our view.
2. Threats to the natural environment, including amenity, property value, possible conflicting land usage and noise disturbance. These are serious considerations that may have seriously negative impacts on the quality of life for residents and families, both in social and economic terms.
3. The apparent lack of appropriate community consultation and discussion. In our view the entire process has lacked the necessary time and transparency to be considered appropriate to the scale and potential environment impact commensurate with what this project should have received.

As educators we have a definitive 'duty of care' to the young people who attend our schools. Based on the current status of the amended application proposal we are totally opposed to the project in such a form. We call on the Premier and the Government via the Department of Planning and all other consenting authorities to reject the application until these and other reasonable concerns about the project have been suitably addressed and appropriately supported by the necessary scientific and

expert environmental testing and modelling that such a significant project demands.

I would appreciate an acknowledgment that you have received our submission.

Yours sincerely,

Tim Gilmour
Professional Assistant to the Director of Schools

[cid:image002.png@01CE0619.F172E170]
Catholic Education Office
Diocese of Wollongong
86-88 Market Street
WOLLONGONG NSW 2500

Direct | 02 4253 0938
Mobile | 0438 669 677
tim.gilmour@dow.catholic.edu.au<mailto:tim.gilmour@dow.catholic.edu.au>

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Tim Gilmour
Professional Assistant to the Director of Schools

[cid:image004.png@01CE0619.F172E170]
Catholic Education Office
Diocese of Wollongong
86-88 Market Street
WOLLONGONG NSW 2500

Direct | 02 4253 0938
Mobile | 0438 669 677
tim.gilmour@dow.catholic.edu.au<mailto:tim.gilmour@dow.catholic.edu.au>

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To:

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

Dear Sir/Madam

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

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

I am concerned that CSG mining is a technologically-evolving industry whose impacts have not been independently and scientifically fully researched and remain largely unknown. This view is supported by professional organisations and academics in evidence to the NSW Upper House and Senate Inquiries into Coal Seam Gas Mining in 2011 and by subsequent research here and overseas. We have had to rely on the industry for much of our information when the industry has a vested interest in the outcome. AGL is no different. It claims that the Camden Gas Project has been safely operating for 10 years. Yet we understand that impacts on groundwater and air quality have not been adequately monitored, and while AGL has been operating under an Environmental Protection Licence (EPL No. 12003), it has been allowed to self-monitor its compliance, self-investigate incidents and self-report such that we do not know what true impacts it may have had. Third party consultants and external laboratories that are engaged and paid for by the industry are not *independent*. Nor is any funded or co-funded research by the CSG mining industry. These lessons should have been learnt with asbestos in Australia and with 'Big Tobacco' in the USA. The National Water Commission in its Position Statement (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	David Gillan & Thomas Marsden
Address	24A Annette Street
	Oatley NSW 2223
Signature	David Gillan T. Marsden
Date	6/2/13

From: "KEITH GILLIES" <jilke2@bigpond.com>
To: <plan_comment@planning.nsw.gov.au>
Date: 2/8/2013 1:08 pm
Subject: Re: AGL Coal Seam Gas Expansion...

Many thanks for your prompt reply,

Regards,

Keith Gillies.

----- Original Message -----

From: "plan_comment plan_comment" <plan_comment@planning.nsw.gov.au>
To: "KEITH GILLIES" <jilke2@bigpond.com>
Sent: Friday, February 08, 2013 9:36 AM
Subject: Re: AGL Coal Seam Gas Expansion...

Thank you for your submission, it has been forwarded to the relevant planner.

Regards,

Information Officer
Information Centre
Department of Planning & Infrastructure

23-33 Bridge Street Sydney
GPO Box 39 Sydney NSW 2001
T 02 9228 6333
F 02 9228 6555
E information@planning.nsw.gov.au

This e-mail is confidential and may be privileged. If you are not the intended recipient, you must not use or disclose this information. If you have received this e-mail in error, please delete it and advise me immediately.

E-mails may contain computer viruses, may be interfered with or may have other defects. They may not be successfully replicated on other computer systems. This e-mail may be subject to copyright. If it is, the written consent of the copyright owner must be obtained before any part of it is reproduced, adapted or communicated.

>>> "KEITH GILLIES" <jilke2@bigpond.com> 02/08/13 09:35 >>>

Dear Sir/Madam,

I write regarding: Submission Opposing AGL Coal Seam Gas [AGL - CSG] Camden Gas Project - Northern Expansion [Stage 3]. Project application No.09_0048

Following radio/television reports, I am compelled write, to protest at what the present NSW Government is planning to do, regarding Gas Seam Mining in NSW. This is contrary to what genuinely everybody I know believes.

My wife and myself moved to Camden Park just over three years ago, in order to enjoy a peaceful lifestyle. It is my belief that your government is deliberately setting out to destroy the quality of life we currently enjoy.

I am certainly NOT opposed to coal mining in Australia, but this 'fracing', is most definitely NOT ON. Having listened intently to various Sydney radio stations, and what I have witnessed on television, in particular a programme on 'fracing' in the USA via SBS television, my mind is made up.....
I am totally opposed to Coal Seam Gas mining any where on the planet.

I ask this of you, do yourself, or the premiere Barry O'Farrell and any members of the NSW government, reside in any area/region/township in NSW, where Coal Seam Gas Mining is currently being worked, or if there are any proposal to do so.

I am,

Yours Sincerely,

Keith F.Gillies.

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

Views expressed in this message are those of the individual sender, and are not necessarily the views of the Department.

You should scan any attached files for viruses.

From: Mary Glavan <glavanfamily@yahoo.com.au>
To: <matthew.riley@planning.nsw.gov.au>
CC: <assessments@planning.nsw.gov.au>
Date: 2/7/2013 11:59 pm
Subject: Submission Details for Mary Glavan (object)

Confidentiality Requested: no

Submitted by a Planner: no

Disclosable Political Donation: no

Name: Mary Glavan
Email: glavanfamily@yahoo.com.au

Address:
43 Barratt Ave

Camden South, NSW
2570

Content:

I object to the proposed project because it is a massive and undeniable risk to the health and well being of the residents of the areas of South West Sydney. We do not have any evidence to rule out the possibility that this type of gas extraction does not pollute our waterways and airways. There has not been any substantial research by independent organisations nor the government to ensure the safety of its people and most importantly our future generations.

I have seen cases in the U.S. where people lived normal healthy lives until the gas companies arrived and started extracting gas using the 'fracking' system without needing permission from its residents and their land. This process has become very profitable for these gas companies and to admit that there is any risk/consequence would be devastating to their business so they have a very subjective view on their 'safe' processes. Unfortunately, due to these large companies having strong financial and political power, it becomes the responsibility of the ordinary citizen to prove their concerns even when they have become very ill after breathing in the 'unaffected air' and drinking water from their rivers and kitchen taps which have gas pouring out and apparently in no way has any link to the gas project going on in their backyard.

The Australian government must make decisions and conduct themselves in a way that ensures the security and well-being of its people. Can any politician stand by the promises these companies are making that there are no consequences (immediate or future) from the process of extracting coal seam gas?

If I am to continue living here in beautiful Camden, I need to know that my children will not be suffering the consequences of drinking contaminated water and breathing poisonous air in 1, 10, 20, 30 or more years from now. We need to become aware and more informed and that is a combined responsibility of our leaders and the communities to show interest and concern and for the law to protect us by making sure that the gas companies are strongly monitored, become transparent in their processes and ensure that the types of chemicals used for fracking (which should be supervised independently at their sites) are authorised and made public.

To say that we do not know what detrimental effects may be caused by the Camden Gas Project is enough to rule it out. We cannot sit by and watch the decision of our future health and safety be controlled by the very people making money from denying any consequence. I would rather the consequences of truth than of any lies or ignorance.

IP Address: cpe-121-217-35-138.inse1.clt.bigpond.net.au - 121.217.35.138

Submission: Online Submission from Mary Glavan (object)

https://majorprojects.affinitylive.com?action=view_diary&id=54311

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

6 Black Wattle Grove
Narellan Vale 2567 NSW
8th February 2013

The Director
Mining and Industry Projects
NSW Dept of Planning
Sydney NSW

Dear Sir/Madam,

Our family has lived in the Camden area for the last 25 years.

In regard to

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

We would like to register our objection to this project because of the “fracking” which is associated with the current coal seam gas expansion.

It is well known that this process causes irreversible damage to the surrounding land and rivers, and that the chemicals used are extremely toxic.

The areas that have already been subjected to “fracking” are a living testimony to all of us, as we see rivers, land, towns, lives, health and livestock ruined.

We do not want coal seam gas exploration to go ahead in this area.

We await your reply.

Yours sincerely,

Mr and Mrs Christopher and Leanne Glen.

From: Betina Goldsmith <bejo3@bigpond.com>
To: <matthew.riley@planning.nsw.gov.au>
CC: <assessments@planning.nsw.gov.au>
Date: 1/22/2013 3:26 pm
Subject: Submission Details for Betina Goldsmith (object)

Confidentiality Requested: no

Submitted by a Planner: no

Disclosable Political Donation: no

Name: Betina Goldsmith
Email: bejo3@bigpond.com

Address:
13 Chellaston Street

Camden, NSW
2570

Content:
Premier

You have broken promise after promise in relation to coal seam gas and mining.

I live in an area where there are proposals for CSG exploration. Although we might not own anything beneath the ground our houses sit on, we are part of the population of NSW and it is your duty to protect our health, the water we drink, the environment, and the community at large.

It is your JOB to make sure that we are protected from vested interest companies such as AGL.

Mr Premier, you do not have a very good record in relation to looking after the interests of the people of NSW, especially in the greater western Sydney area. Make sure that the all the science is - and make it public - before allowing any CSG exploration close to housing and water. You might make money out of it now, but reparation for damage done to the environment, water and people's health will be a great deal more expensive.

Betina Goldsmith

IP Address: cpe-121-218-39-61.inse4.ken.bigpond.net.au - 121.218.39.61

Submission: Online Submission from Betina Goldsmith (object)
https://majorprojects.affinitylive.com?action=view_diary&id=53032

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: Amber Goodhew <amber-jg@hotmail.com>
To: <plan_comment@planning.nsw.gov.au>
Date: 2/7/2013 11:52 pm
Subject: Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS: 7 Saunders Place, Raby, 2566

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

Yours sincerely,
Amber Goodhew

From: Anita Goodhew <anitayc@bigpond.net.au>
To: <plan_comment@planning.nsw.gov.au>
Date: 2/7/2013 11:43 pm
Subject: Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS: 7 Saunders Place, Raby, 2566

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

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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,
Anita Goodhew

From: Glen Goodhew <rotundro@bigpond.net.au>
To: <plan_comment@planning.nsw.gov.au>
Date: 2/7/2013 11:48 pm
Subject: Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS: 7 Saunders Place, Raby, 2566

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

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

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

From: Guy Goodwin <guyandsteph@iinet.net.au>
To: <matthew.riley@planning.nsw.gov.au>
CC: <assessments@planning.nsw.gov.au>
Date: 1/30/2013 4:56 pm
Subject: Submission Details for Guy Goodwin (object)

Confidentiality Requested: no

Submitted by a Planner: no

Disclosable Political Donation: no

Name: Guy Goodwin
Email: guyandsteph@iinet.net.au

Address:
16 Fogarty street

Gregory hills, NSW
2557

Content:

I would like to express my concerns with regards to the proposed CSG and fracking works in and around the camden & gregory hills area. Both Steph and myself are against the works and are mortified that these works could be happening in our new suburb .

Had i know about this before we built we would have never brought our family to the area and are shocked that not a single mention of this was made by Dart west or anyone else...

We are very upset by this and will be doing all we can to stop these works in our own backyard

IP Address: 203-217-37-137.dyn.iinet.net.au - 203.217.37.137
Submission: Online Submission from Guy Goodwin (object)
https://majorprojects.affinitylive.com?action=view_diary&id=53421

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: Cherelle Gormly <cherelleg@fpaaust.com.au>
To: "plan_comment@planning.nsw.gov.au" <plan_comment@planning.nsw.gov.au>
Date: 1/16/2013 2:55 pm
Subject: Camden Gas Project Stage 3
Attachments: img-116144446-0001.pdf

Hello,

Please find attached submission against Project Application 09_0048

Regards
Cherelle Gormly
4/53 Trafalgar St
Glenfield, 2167
Mob: 0434 076 114

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

16th January 2013

Dear Sir/Madam

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

I strongly 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



Cherelle J Gormly
4/53 Trafalgar St
Glenfield NSW 2167
02 9618 0054

"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.....(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 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 '**ing 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 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.....

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

Date 29 January 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
 - Serious health risks have been identified in other areas with gas wells, including dramatic increases in respiratory diseases, asthma and skin conditions
 - Potential for long term undetected gaseous leaks forming toxic fugitive plumes in our breathing space
 - Risks of uncontrollable toxic emissions to earth, air and water threatening our communities
- Threats to our natural environment – geology and hydrology
 - Long term geological damage to drinking water, 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
 - Risks in waste management of by-products including neuro-toxin particles in earth, water and air
- Incompatible land use layering
 - Allowing developed residential, commercial, educational and recreational zonings to be undermined, compromised and degraded by a toxic and dangerous mining industry
- Unpredictable noise disturbance
 - Inadequate credible studies into 24 hour drilling, mining and fracing noise levels impacting on our health
 - Failure to acknowledge long term sub-surface noise levels on neurological and sleeping disturbance patterns
- Deeply flawed community consultation, lacking honesty 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.
 - 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.
 - Failure by AGL to provide complimentary CDs of their proposal to residents upon request
 - Poorly advertised information sessions, at which AGL specialist consultants could not answer questions
 - A poorly designed AGL-CSG website, which I found difficult to navigate to try to find information
 - 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
 - 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.
 - 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,

Name: *Meredith Gow*

Address: *180 Calf Farm Rd Mount Hunter 2570*

From: Marcia Grand Ortega <marciaago@hotmail.com>
To: <plan_comment@planning.nsw.gov.au>
Date: 2/7/2013 8:14 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,
Marcia Grand Ortega

From: "Catherine Gravenor" <catgravenor@bigpond.com>
To: <plan_comment@planning.nsw.gov.au>
CC: <laurie.ferguson.mp@aph.gov.au>
Date: 2/5/2013 5:00 pm
Subject: Submission opposing AGL coal seam gas, Camden gas project - Northern Expansion - Application Number 09_0048

Dear Director of Mining and Industry Projects NSW

We wish to oppose the proposed Coal Seam Gas Expansion in our area.

We have been residents of St Andrews since 1982.

Not only are our concerns environmental but we can envisage health concerns.

In order to remove the gas not only drilling is employed but a chemical cocktail is used, who knows what damage this could do to our homes and our health.

Our home is built on clay and we have already experienced cracking of walls and subsidence etc. We do not want this made worse by "fracing." There are also issues with the safety of drinking water and irreversible damage to the native flora and fauna.

This Coal Seam Gas project will have implications on everything in the area, including schools and the health of our children, as the cumulative long term effects of Coal Seam Gas Mining are unknown.

We fail to see why AGL is prepared to put chemicals underground to extract gas when we are all concerned with Global Warming and the safety of our environment.

Studies regarding "fracing" show that there may be impacts to water and air quality, and also it could contribute to an increase in greenhouse gases.

We should consider the longer term implications and preservation of an already fragile and under pressure environment before embarking down a course of action which could contribute to the long term deterioration of our environment.

Surely the funds that may be used in the "fracing" process could be directed towards continued research and development of renewable energy resources, which will benefit our generation and also those of the future.

We are not against mining, however introducing toxic and dangerous AGL Coal Seam Gas mining into zones of established and populated communities is totally inappropriate in every respect.

Catherine Gravenor

From: Chris Green <chrisgreen@bigpond.com>
To: <plan_comment@planning.nsw.gov.au>
Date: 2/8/2013 4:33 pm
Subject: Submission opposing Coal Seam Gass/ Camden Gas Project

To whom it may concern

I have read in disbelief, that AGL plans to mine gas from beneath the Camden / Campbelltown residential area using the fracing process.

The chemicals used in the fracing process are in themselves toxic, as well as highly volatile. Only 50% of the liberated gas is recovered. The process of fracing destroys the base rock integrity.

During the fracing process the extent of travel of toxic and volatile chemicals cannot be controlled. Studies in the USA have found that the chemicals can travel over 15 kilometres underground, before resurfacing in residence or commercial areas, they tend to follow underground water systems, then into homes via power/sewage/water conduits that transverse these underground systems. How many doctors, nurses and hospitals will AGL pay for, to tend to the victims of these chemicals that seep silently into homes over 15 kilometres away from the fracing sites.

The process of fracing is not a very efficient process. Only about 50% of the liberated gas is actually made available to the end user. The other 50% of the liberated gas is released into the atmosphere at the fracing site. Just over 20 metres from the nearest residential site. I suppose on those cold winter nights we could just light a match outside to keep warm.

Destruction of the base rock integrity will result in the surface soil becoming unstable. When the base rock or the rock that supports the surface soil is fractured in the act of fracing, it loses the ability to support it self and the rock above it, resulting in collapsing of the surface soil. This leads to failure of nearby surface structures such as residential, commercial and government properties. If the process continues it will also cause the failure of vital infrastructure such as electrical power distribution, water supplies, communication pathways and commuter links. After the last of the gas has been liberated, and AGL has moved on, who will pay for the restoration to the damaged infrastructure. After nearly 40 years, who pays for the victims of asbestos. Not the company that produce it.

Why Camden/Campbelltown for the fracing sites, is this some sort of pay back to the residences/voters of the Macarthur area, or is that no one cares what happens to the residences/voters somewhere out west. If this gas is to supply the greater Sydney area. Then I would suggest that the fracing sites be in the north of Sydney, as this would be the area that would use the

largest quantities of the produced gas, they have more money to pay for the gas. Why pipe the gas from the south west of Sydney to the major uses in the north of Sydney. But of course the residences in the north of Sydney would be harder to convince that the fracking process was safe, than the residences in the Macarthur area.

After setting up fracking sites in the Macarthur area, how easy would it be to set them up in the any other site, maybe a local park somewhere. The precedent would have been set, all that would be needed is a 20 metre exclusion zone. The centre of Hyde Park in Sydney is more than 20 metres from any major structure. Central to the city centre too.

It's time we stopped this madness and used safe methods to extract the gas required for future development. Let's remove these unsafe process from Australia. It would be a shame for these mining companies to have to reduce their overall profits by 1% just to be a little bit environmentally friendly.

Very much annoyed.

Chris Green

From: Sharon Greene <sharong254@hotmail.com>
To: <plan_comment@planning.nsw.gov.au>
Date: 2/8/2013 9:29 am
Subject: project application number Ref. 09_0048 - submission concerns

Good morning As a resident of Narellan Vale NSW and I am very concerned about the proposed Stage 3, AGL Coal Seam Gas field in Campbelltown & Camden areas. It has very recently come to my attention that submissions or comments close today at 5pm, there has NOT been enough research done to show the dangers these chemicals will wrought on our planet, especially in our backyard.

So I'm here to say I do NOT wish this to proceed, I strongly oppose the whole project. If there is one thing we humans need to survive, its WATER, clear, pure and simply. To do this type of mining will irrevocably destroy this priceless resource - OUR water supply. To say nothing of destroying the soil and land we live on and the risk to our clear air is also a major concern. Because the dangers are unknown as to the long-term effects on people, animals and our environment - what research has been carried out has not been independent or transparent, there needs to be MORE done to show the true dangers. This is very short sighted ... short term gain (financially) with long term consequences (what legacies are we leaving for our children and grand-children)

PLEASE reconsider and think again ... surely if it is such a great resource, there should be some other way, leave it in the ground until that way is found. The Government is the guardian of the people and we look to them to do the right and proper thing however the people are not fools and have the power to change Governments, we have long memories. The great Bureaucracy is not being overlooked either, we will be watching you both, to listen to and to hear what we, the people are saying.

Regards

Sharon Greene
25 Acacia Court
Narellan Vale NSW 2567

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.

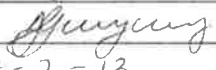
I do not believe that the NSW Government's new regulations for CSG mining will ensure its safe operation here. As the only commercially producing CSG field in NSW, the Camden Gas Project has already been operating under consent conditions. Yet the NSW Government has not been able to ensure compliance, 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	Jayne Gregory
Address	42 Macintyre Cr.
	Ruse.
Signature	
Date	8-2-13

From: David Griffin <contactdavidgriffin@gmail.com>
To: <plan_comment@planning.nsw.gov.au>
Date: 2/8/2013 1:13 pm
Subject: Strong concerns over AGL Coal Seam Gas mining in Camden/Macarthur

Date 8 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.
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- 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.

with warm regards,

David Griffin

18 Burragorang Rd

Ruse NSW 2560

From: Christine Griffiths <chrissey.griffiths@gmail.com>
To: <plan_comment@planning.nsw.gov.au>
Date: 2/8/2013 12:11 pm
Subject: SUBMISSION PROPOSING AGL COAL SEAM GAS (AGL-CSG) CAMDEN GAS PROJECT - NORTHERN EXPANSION (Stage 3) PROJECT APPLICATION NO. 09_0048

I am writing this letter to express my deep concern and strong opposition to the AGL Gas Project Northern Expansion.

My husband and I moved to Camden in 2006 where we have built our dream home in an area that we love. We have since had 2 children who attend school in Camden. There are a number of reasons we moved into the area and as most people will agree there isn't much not to love about Camden. Of great appeal to us was the vast open and unspoiled agricultural land, the picturesque river and waterways and the clean unpolluted air quality.

All of this is at risk if the AGL gas expansion goes ahead. This would see deadly toxic chemicals that they use in their 'fracing' process leached into this pristine land and waterways. The health risks that this will expose the Camden and surrounding community to are deadly and toxic. AGL's claims that the chemicals they use in their 'fracing' process are harmless is grossly dishonest and deceitful.

I do not want my family exposed to such chemicals and this project needs to be stopped and the public interests protected.

The public, taxpayers, ratepayers are all entitled to know about the way in which AGL plan to extract the gas from our land and the health implications of the chemicals they will use in this process. We do not want deadly toxic chemicals pumped into our ecological environment where we grow our fruits and vegetables and where our farm animals graze. By pumping this into the soils and water, we will be consuming these poisons and we want AGL to come clean about their gas mining processes. It is up to the government to ensure this happens and to protect the health and safety of these residents.

I urge you to stop this expansion from going ahead for the health and safety of the community.

Regards

Mrs Griffiths

From: <dennis.griffiths@gmail.com>
To: <plan_comment@planning.nsw.gov.au>
Date: 2/8/2013 2:22 pm
Subject: SUBMISSION PROPOSING AGL COAL SEAM GAS (AGL-CSG) CAMDEN GAS PROJECT - NORTHERN EXPANSION (Stage 3) PROJECT APPLICATION NO. 09_0048

From: Christine Griffiths <chrissy.griffiths@gmail.com>
To: <plan_comment@planning.nsw.gov.au>
Date: 2/8/2013 12:11 pm
Subject: SUBMISSION PROPOSING AGL COAL SEAM GAS (AGL-CSG) CAMDEN GAS PROJECT - NORTHERN EXPANSION (Stage 3) PROJECT APPLICATION NO. 09_0048

I am writing this letter to express my deep concern and strong opposition to the AGL Gas Project Northern Expansion.

My husband and I moved to Camden in 2006 where we have built our dream home in an area that we love. We have since had 2 children who attend school in Camden. There are a number of reasons we moved into the area and as most people will agree there isn't much not to love about Camden. Of great appeal to us was the vast open and unspoiled agricultural land, the picturesque river and waterways and the clean unpolluted air quality.

All of this is at risk if the AGL gas expansion goes ahead. This would see deadly toxic chemicals that they use in their 'fracing' process leached into this pristine land and waterways. The health risks that this will expose the Camden and surrounding community to are deadly and toxic. AGL's claims that the chemicals they use in their 'fracing' process are harmless is grossly dishonest and deceitful.

I do not want my family exposed to such chemicals and this project needs to be stopped and the public interests protected.

The public, taxpayers, ratepayers are all entitled to know about the way in which AGL plan to extract the gas from our land and the health implications of the chemicals they will use in this process. We do not want deadly toxic chemicals pumped into our ecological environment where we grow our fruits and vegetables and where our farm animals graze. By pumping this into the soils and water, we will be consuming these poisons and we want AGL to come clean about their gas mining processes. It is up to the government to ensure this happens and to protect the health and safety of these residents.

I urge you to stop this expansion from going ahead for the health and safety of the community.

Regards

Mrs Griffiths

"Sample Submission no. 1 – ALL SUBURBS"

Prepared by Narellan Action Group

Page 1 of 2

OUR OPPOSITION TO AGL Coal Seam Gas Expansion

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

"without prejudice"

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.....(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 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.....

J. Crosswell

J. Crosswell

2.2. Campbelltown St. K. Crosswell 2.5.5. Sydney

OUR DEADLINE IS - FRIDAY 8 FEBRUARY 2013

"write early, write often"

Copy and pass on

From: Darryl Groat <drgroat@netspace.net.au>
To: <plan_comment@planning.nsw.gov.au>
Date: 2/8/2013 8:05 am
Subject: Northern expansion gas project
Attachments: CSG submission-1.docx; Part.001

THIS IS A SUBMISSION

REFERENCE - AGL-CSG, CAMDEN GAS PROJECT, NORTHERN EXPANSION - PROJECT NO. 09 0048

I wish to draw your attention to the proposed AGL Coal Seam Camden Gas Project, Northern Expansion, which aims to undermine over 30 established and developing suburbs in South Western Sydney in an area defined by Camden, Campbelltown and Liverpool.

Using the 2500metre radius for each of the proposed 66 wells it is very clear that AGL will drill, mine and 'frack' along two parallel lines under 30 well established and developing residential suburbs across Wollondilly, Camden and Campbelltown Local Government Areas.

CAMDEN SUBURBS to be undermined include -

Camden Park, Spring Farm, Elderslie, Narellan, Narellan Vale, Mount Annan, Currans Hill, Spring Hill, Manooka Valley, Smeaton Grange Industrial, Oran Park, Central Hills Industrial, Harrington Grove, Catherine Field, Gregory Hills, Gledswood Hills and Leppington

CAMPBELLTOWN SUBURBS to be undermined include -

Menangle, Menangle Park, Glen Alpine, Rosemeadow, Campbelltown, Claymore, Woodbine, Eagle Vale, Blair Athol, Blairmont, Eschol Park, Kearns, Raby, St Andrews, Varroville, Ingleburn, Denham Court and Minto.

The existing active Menangle Park well is an environmental disaster while other existing wells have been plugged or or downgraded so as not to attract attention. AGL refuses to answer any questions about its existing operations.

Drilling 66 new wells to a depth of 700 metres and then horizontally in a radius of 2500 metres creates a massive footprint impacting on aquifers, ground water, local hydrology and geology under schools and communities.

Chemical hydraulic fracturing or 'fracking' is necessary to release methane gas from very dense coal seams. This destructive process causes toxic emissions to earth, air and water and will create serious health and environmental risks for all in the community.

AGL fail to acknowledge impacts beyond a small area of land surface around each well, when in fact the wells are close to houses, pre-schools, primary schools, high schools, private schools and communities.

AIR QUALITY is a major issue as South Western Sydney already has the highest incidence of admissions to hospitals for asthma and respiratory diseases. Undetected toxic and volatile fugitive gas emissions can pool and migrate to residential areas and can only identified by dangerous ignition.

AGL refuses to disclose its full arsenal of 'fracking' chemicals. Until the public are given open access to AGL's 'fracking' toxicology then the proposed expansion must be put on hold.

A fully independent, professional and scientific analysis of AGL's neuro-toxins, biocides, acids and formulas is absolutely essential.

Drilling is a 24 hour operation and **NOISE** impacts have not been correctly assessed by AGL. A fully independent, professional and scientific analysis of direct noise impacts and cumulative noise impacts is essential. Any noise of any frequency can have long term effects on the hearing and well being of humans. Noise vibration, resonance and reflected noise will impact on student's sleep and making learning difficult.

Contamination of **GROUND WATER** threatens to impact on the flora and fauna in school gardens and community environments. A fully independent, professional and scientific major **HYDROLOGY** study must be undertaken as a matter of urgency.

Risks of fracturing and destabilising the sandstone layer above the coal seams threatens the **ARCHITECTURAL INTEGRITY** of the built environment of schools, communities, industrial structures, town centres and infrastructure. Concrete slabs will start to move causing blow outs in maintenance and in some cases re-builds. In consultation with engineers regarding pre-cast slab construction NAG was advised that minimal sub-surface movement will cause maximum damage.

You, as Minister of Western Sydney, have a 'duty of care' to protect the physical, natural, educational, workplace and atmospheric environments of residents in your jurisdiction and we expect that you will undertake all necessary steps to engage fully independent, professional and scientific experts to address cumulative impacts of Coal Seam Gas mining and 'fracking' under our schools and communities.

Of course, there are other serious risks that you need to consider in response to AGL's Environmental Assessment (5 Volumes 2010 2012).

AGL-CSG is the biggest ever threat to the health and well being of communities in South Western Sydney.

Please respond as soon as possible. Keep in mind that you are one of the decision makers!

Yours Faithfully,

Darryl & Brooke Groat
Concerned residents
31 Callistemon St
Mt Annan 2567

From: Rachel Groth <RachelG@bowmanrecruitment.com.au>
To: "plan_comment@planning.nsw.gov.au" <plan_comment@planning.nsw.gov.au>
Date: 2/8/2013 10:34 am
Subject: Submission Opposing AGL Coal Seam Gas Project Application No 09_0048
Attachments: Groth Family - CSG letter.pdf

To Whom It May concern,

Attached please find my comments.
Regards

Rachel Groth

Rachel Groth
Branch Manager
Bowman Recruitment Specialists
Office: 9822 4440
Mobile: 0417 237 748
www.bowmanrecruitment.com.au<<http://www.bowmanrecruitment.com.au>>

P Please consider the Environment before you print this E-Mail.

To: The Director of Mining & Industry Project NSW
Re: SUBMISSION OPPOSING AGL COAL SEAM GAS
CAMDEN GAS PROJECT – NORTHERN EXPANSION
Project Application No. 09_0048

In 2009 we moved to Narellan Vale, in a built up housing estate, finally having the opportunity to buy our own home.

As with most residents in our area we are average people; we have a mortgage, and our home is, for want of a better term, our castle.

I am not opposed to mining overall. However, it defies belief that with all the land we have in Australia, AGL feel they need to operate a gas project in the middle of suburban Sydney.

The Government is constantly releasing new housing estates in this area, but I doubt they are advertising new land releases with "Move to South Western Sydney, you can have a gas well located near your property!"

Finding out that AGL are intent on rolling out Coal Seam Gas wells around our area was a great shock to us.

I am particularly opposed to the idea of AGL fracking their Gas wells. I am not a scientist, however common sense would tell you that fracturing the rock beneath built up, suburban areas to find a coal seam is a ridiculous idea. When you break and fracture the sub-surface how do you know what problems are going to arise from this? What about cracks in buildings, risks to air quality with potential for gas leaks and also the pollution of our water aquifers?

AGL says it is "unlikely" they will use fracking techniques. Call me a cynic, but I am sure if this is what they deem to be the easiest way to get more gas, with bigger profits, the lowly residents will be the last thing they are concerned with.

When I moved to South Western Sydney it was for a better quality of life. For fresh air; less pollution; open spaces.

I don't fancy my family being lab rats for AGL.

I am completely opposed to the AGL Coal Seam Gas Camden Expansion Proposal and expect that any approving authorities should also oppose this.

Please confirm you have received my submission
Yours faithfully



Rachel & Steven Groth
30 Throsby Drive
Narellan Vale NSW 2567

From: "Tony & Dawn Jackson" <ajcjdj2@bigpond.com>
To: <plan_comment@nsw.gov.au>
Date: 2/8/2013 2:44 pm
Subject: Fw: Camden Gas Project Stage 3 Project Application 09_0048
Attachments: 2013.02.08 Ltr D Grundy to Mining & Industry Projects_0001.pdf

Subject: Camden Gas Project Stage 3 Project Application 09_0048

Please see attached letter.

Signed

David & Pat Grundy

Pat and David Grundy
19 Bruchhauser Cr
Camden NSW 2570

4th February 2013

Tel 02 46581471

Mining and Industry Projects
Department of Planning
GPO Box 3 SYDNEY NSW 2001

Dear Sir/Madam

Re: Camden Gas Project Stage 3, Project Application 09 _ 0048

The Macarthur Gas Fields

Please send to plan_comment@nsw.gov.au

Could you kindly add this email submission to our written submission sent yesterday 7/1/13 regarding the above project.

We have heard that fracking, which contains in the drilling process, uses many hazardous, toxic, carcinogenic and dangerous chemicals and also generates many thousands of litres of waste water, contaminated with salt, which is typically stored in storage ponds for disposal. Our information is that this water under plans by AGL could be stored underground, where, we do not know, but such a storage place could have devastating consequences for aquifers and existing underground water systems. Please add this to your deliberations, as this could cause, in existing areas where underground coal mining has taken place, and cause top surface movement, like collapse, contamination. There could even be very minor ground movement with damage to residential areas, and very minor earthquakes.

It is our wish that the Committee overseeing this Mining and Industry Project Number 09_0048 has our permission to use this report fully except only our names and address and phone number must be deleted when put on your website, and in fairness, AGL can have our full submission provided they agree to keep our names, address and phone number confidential. In order to prevent any misunderstanding please feel free to contact us by phone or letter for clarification.

Yours sincerely



David Grundy

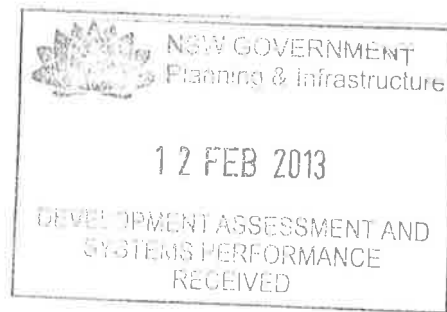


Pat Grundy

Pat and David Grundy
19 Bruchhauser Cr
Camden NSW 2570

4th February 2013

Tel 02 46581471



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

The Macarthur Gas Fields

Dear Sir/Madam

We would like to thank the committee for extending comment to February 8th 2013 on this very controversial development in the Macarthur areas of South West Sydney.

We would like to extend our comments and introduce new arguments as to why this development in the new gas fields of Macarthur should be cancelled or very severely curtailed and modified to benefit the families who have been residents for a long time, new residents and those who will be coming to live here over the next 30 years. They are currently being denied the right to know about being part of a major coal seam gas field development, due to a lack of openness by AGL about their short and long term plans. No doubt senior AGL executives are breaking their necks to get out here and live in the scenic gas fields of Macarthur.

- Points not raised in our previous submission are:

- **Flooding** has not been considered, in terms of torrential rain in the immediate area, nor from swollen rivers from torrential rain away from the gas site, which can cause the rivers and all waterways to flood; there recognised flood plains here.

- **Bush fires** and the radiant heat of many hundreds of degrees centigrade, heat which can melt **window panes**. Can the gas structure stand 1000 degrees centigrade, the seals, the pumps and other vulnerable parts of the gas station. I have not seen any emergency procedures for these cases or risk analyses, or any notification of the emergency and police services.

- The January 2013 issue of **Chris Patterson MP, Member for Camden** news letter categorically oppose AGL Gas well project, and is supported by **Bryan Doyle MP for Campbelltown and Jai Rowell MP for Wollondilly**. We think that just about sums up the electorates' views of AGL's Gas project. We think that the Members statements should be sufficient to make AGL rethink its Gas Project in Macarthur, but we have our doubts.

- **A copy of Camden Council's minutes of the meeting 11th December 2012, subject: Submission to Camden Gas Project - Northern Expansion (Stage3) is enclosed. Councils conclusions as Attachment 3 ORD 07 Binder; Coal Seam Gas is also enclosed and consists of 9 comments which we fully support.**

- **Comment 1** Some of AGL infrastructure will be in areas of **future infrastructure**. **These sites should be placed on land titles of land for future identification.**

- **Comment 2** Noise of drilling; there must be acoustic shields to reduce the noise of drilling etc. Recommend the committee go to a gas well drilling site and listen to the noise these drilling rigs make, and stay their for days. Another reason why this project should be completely abandoned reviewed and rewritten.

- **Comment 3** Obviously has not been done. All the facts are not on the table. The project cannot proceed any further until the Federal Government's Independent Expert Scientific Committee on Coal Seam Gas and Large Coal mining Development has been consulted and taken into account. This has not been done, and AGL seen quite happy that it has not done anything about it. Why!

- **Comment 4** Fully agree. **Fugitive CSG can be a major problem**. Nothing should be allowed to proceed anywhere in Macarthur area until fugitive gas problem analysis has been completed to the Committee's satisfaction, and base line data established and made public. This should include the present areas already producing CSG.

Steps must be taken to monitor for fugitive emissions of CSG in the air at ground level. Small collection pit must be dug in the ground, and covered, to detect build up of CSG.

As we have written in our previous submission, the Macarthur area, we now call the **Macarthur Gas Fields**, because that is what AGL plans to do here, the authorities should prepare a map of the entire Macarthur LGA's, and determined by a boundary line around Macarthur area which is presently residential, and include all future development planned for the next 30 years, including that planned by Campbelltown/Camden/Liverpool and Wollondilly and put a fair determined red ring around it and state to AGL and any other CSG miner or Surface Coal miner – This is ours, and 2 kilometres outside the limits of Macarthur development perimeter for people, is yours. We do not want CSG rigs in our living space which we call Macarthur and all the dangers it brings. Australia full of gas, please go drill somewhere else.

We have seen no evidence of any risk management plans for the production of the mining phase of CSG mining, from identification of the site, drilling, collection of the highly contaminated waste water from the bore, disposal of this waste, the chemicals used are kept secret, although they are known to be toxic, carcinogenic and flammable. Where are the incident and disaster plans, the OH&S procedures, risk assessments for each phase of the gas project? MSDS's? And the list goes on. Where on the new housing estates, shopping centres, recreation areas and the present established residential areas are these effluent ponds be located, where is the waste going to be disposed of, are the tankers going to rumble down our street all hours, or WHAT. We do not know. AGL must know, but what they are doing is drip feeding all concerned and affected by this intrusion into our lives, and releasing information when they are forced to do. We believe the gas sites are poorly patrolled and testing and monitoring of the facilities is poor. Have AGL notified emergency services in case of problems, of more importantly DO they notify emergency services if there is an incident.

All sites to be explored for CSG, it should be mandatory that these sites be immediately placed on all land titles, copies sent to local councils for immediate inclusion on there LEP's and DCP's and any other documents concerning land development, all solicitors to be notified, and real estate agents, utilities companies, developers etc so that we all are aware of what is going on, and unlike many families, businesses and the like springing up in the development of Oran Park and other sites can tell their prospective buyers, about the location of AGL's CSG operations.

AGL should not proceed with their CSG project in our opinion because they cannot be trusted.

It is our wish that the Committee overseeing this Mining and Industry Project Number 09_0048 has our permission to use this report fully except only our names and address and phone number must be deleted when put on your website, and in fairness, AGL can have our full submission provided they agree to keep our names, address and phone number confidential. In order to prevent any misunderstanding please feel free to contact us by phone or letter for clarification.

Yours sincerely



David Grundy



Pat Grundy

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.

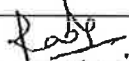
I do not believe that the NSW Government's new regulations for CSG mining will ensure its safe operation here. As the only commercially producing CSG field in NSW, the Camden Gas Project has already been operating under consent conditions. Yet the NSW Government has not been able to ensure compliance, 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	Radhika Gururaja
Address	14 Grenada Road Glenfield
	NSW - 2167
Signature	
Date	08/02/2013

From: Tania Tania <tania7au@gmail.com>
To: <plan_comment@planning.nsw.gov.au>
Date: 2/8/2013 7:53 pm
Subject: Fwd: OPPOSITION TO AGL COAL SEAM GAS EXPANSION

To the 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 am appalled that coal seam gas fracturing is even being considered. In other places where this has been executed it has had devastating effects on every area of survival requirements for all flora and fauna (including humans), some of which would not even be yet known. Pollution in soil, water and air, major illnesses and unthinkable horrors.

This practice is a serious violation of the balance and health of every organism. Is money more important than quality of life for us, our families and our future families. This will not just affect the Macarthur area this affects the whole world.

Regards
Tania Gyger