

From: Jennifer Hackney <jimhackney@pnc.com.au>
To: <plan_comment@planning.nsw.gov.au>
Date: 2/5/2013 11:20 am
Subject: Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS: 33 Bridge Rd Blaxland 2774

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,
Jennifer Hackney

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.

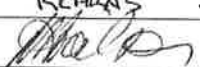
I do not believe that the NSW Government's new regulations for CSG mining will ensure its safe operation here. As the only commercially producing CSG field in NSW, the Camden Gas Project has already been operating under consent conditions. Yet the NSW Government has not been able to ensure compliance, 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	MYRTLE HAILSTON
Address	5 AMAZON PLACE
	KEARNS 2558
Signature	
Date	4/2/2013

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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Yours sincerely

Name	Neville Hairsan
Address	8 Amazon Place KEARNS 2558.
Signature	
Date	4/2/2013

From: Kerrie Hall <Kerrie@harrington.com.au>
To: "plan_comment@planning.nsw.gov.au" <plan_comment@planning.nsw.gov.au>
CC: "camden@parliament.nsw.gov.au" <camden@parliament.nsw.gov.au>
Date: 2/5/2013 2:49 pm
Subject: Coal seam gas expansion - objection

Hi,

I would like to express my concerns with AGL coal seam Gas expansion, we have recently moved into the lovely Harrington Grove Estate with three children for a great future within the Camden area and are very concerned about the impact it will have on us and the area, not to mention the devaluation of the surrounding suburbs..

Please add this to the list, and we pray to god that this does not go ahead!

Regards
Kerrie & Steven Hall

From: "Trish Hall" <marktris@bigpond.net.au>
To: <plan_comment@planning.nsw.gov.au>
Date: 2/7/2013 11:33 pm
Subject: Objection to Gas Drilling
Attachments: gas objection.doc

07/02/2013

Mark and Patricia Hall
12 Gambia Street
KEARNS NSW 2558

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

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

Dear Sir/Madam,

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

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

The future health of our children and the environment.

There is enough evidence to prove the connection between Gas drilling and health related issues. Who will care and pay for the future medical expenses relating to this application. The biggest cost will be "Families"!

Surely the big businesses do not have the right to place humans, people, children lives at risk, so they can make a buck!

Your position relating to this subject can only be to *reject* such a ghastly application. The future and health of Macarthur children are in your hands!!

Yours sincerely,
Mark and Patricia Hall

From: Norman Halliwell <norm.halliwell@gmail.com>
To: <matthew.riley@planning.nsw.gov.au>
CC: <assessments@planning.nsw.gov.au>
Date: 2/6/2013 10:43 am
Subject: Submission Details for Norman Halliwell (object)

Confidentiality Requested: no

Submitted by a Planner: no

Disclosable Political Donation: no

Name: Norman Halliwell
Email: norm.halliwell@gmail.com

Address:
34 Veness Circuit, Narellan Vale

Narellan Vale, NSW
2567

Content:

Dear Sirs, I strongly object to AGL's proposal to instigate another 66 gas well sites in the area called Camden Gas Project Stage 3 Northern Expansion, as I have recently moved into this area (18 months ago) to be nearer to my daughter and the grand-children, and she lives in Mt Annan which is closer to the proposed development sites mentioned herein.

The "fracking" of these wells has never been proven to be harmless to the water tables anywhere it has been established and that is A FACT, that needs to be strongly looked at if such projects are to go ahead. All such companies as AGL et al, have not come up with the evidence to refute this statement anywhere in the printed literature.

I currently reside in an area that used to be a "mine site" that has been filled in over the years for residential settlements. If these wells are to be placed in local areas close to residential settlements, with the very high risks of causing damage to the environment and the water tables existing in such areas, then a complete full scale risk assessment of the damages that is being caused elsewhere eg, around the Hunter Valley in NSW, and in Queensland's Darling Downs area, just to name two such areas, MUST BE CARRIED OUT, as it could and probably would impact on homes in my area, as well as my daughter's residence that is closer to the proposed development.

If this is to occur in my area, which is as I said, a revamped "mine site", homes in my area could end up "slipping down" into pockets of excavation, that would result in tremendous damage to properties in and around my residence, as the lands where all these homes are built are not exactly on "firm ground", and any such "fracking or drilling" at development sites close to these properties, will ensue that huge law suits being placed onto local and State and Federal Governments, for the damages being done to their properties that could easily have been avoided, simply by assessing all these "fracking" proposals well before any such approvals are issued.

I WILL NOT ACCEPT such preposterous assessments that these sites are as safe as can be possibly made, simply because AGL or a Minister involved in such matters says so. Later on down the track, these same people could easily state that "We are sorry! we made a bad deal or a bad mistake, but, there is nothing we can do about it now, and wash their collective hands of it all" THIS SIMPLY WILL NOT APPLY HERE, AND IT SHOULD NOT APPLY ANYWHERE ELSE IN AUSTRALIA, because Governments want to collect heaps of revenue from such projects, irrespective of what damage it will cause to the environments, the water column around such areas, and more importantly to the residences around such projects.

After all, Governments, Local, State or Federal do not last forever, BUT, DAMAGES MADE TO SUCH AREAS WILL LAST FOREVER, and this simply cannot be allowed to happen, close to residential communities. There are plenty of other sites that are hundreds of miles away from residential

communities within Australia that AGL et al, can dig for Coal Seam Gas, without having to destroy the landscape and the livelihoods of communities, such as those mentioned in the Camden Gas Projects Stage 3 Northern Expansion.

Recently, with all the Bush Fires that were ragging around our State of NSW, one such blaze came close to this Campbelltown/Camden Gas Project, and it took a lot of resources to be thrown at it to prevent it from exploding close to the residences around this site. Who could tell what damage this would have done to the environments, the lands and the residences close to this site if it had of occurred. THE ANSWER IS NOBODY!! If proper and concise planning was done when such projects come to the drawing board, were undertaken before hand, then none of these problems would come about.

This is my submission to the NSW Planning and Assessment Commision (PAC) on this proposal, and I would like to be kept informed about this progress on this proposal to drill another 66 wells in and around areas close to my residence and that of thousands of others.

Yours Sincerely,
Norman Halliwell.

IP Address: cpe-121-217-100-198.inse2.clt.bigpond.net.au - 121.217.100.198
Submission: Online Submission from Norman Halliwell (object)
https://majorprojects.affinitylive.com?action=view_diary&id=54022

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: Christina Harris <chrisandfamily@gmail.com>
To: <matthew.riley@planning.nsw.gov.au>
CC: <assessments@planning.nsw.gov.au>
Date: 2/7/2013 10:26 pm
Subject: Submission Details for Christina Harris (object)

Confidentiality Requested: no

Submitted by a Planner: no

Disclosable Political Donation: no

Name: Christina Harris
Email: chrisandfamily@gmail.com

Address:
15 Thow Place

Camden, NSW
2567

Content:

I object to the development of the gas wells being drilled in Currans Hill due to the physical impact on the environment in particular the potential to disrupt under ground water supply. In addition the impact of further pollution to an area where the 2nd largest age group are children aged between 0-5 years.

IP Address: cpe-121-216-239-129.inse3.ken.bigpond.net.au - 121.216.239.129

Submission: Online Submission from Christina Harris (object)
https://majorprojects.affinitylive.com?action=view_diary&id=54276

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

"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

"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 ~~KERRIMORE~~.....[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 Hazard 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.....

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

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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

"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

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

From: CHristine Hartley <chris@dylanhartley.com>
To: <plan_comment@planning.nsw.gov.au>
Date: 1/16/2013 11:08 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,
CHristine Hartley

From: Dylan Hartley <chris@dylanhartley.com>
To: <plan_comment@planning.nsw.gov.au>
Date: 1/16/2013 11:13 pm
Subject: Re: Don't Sacrifice Greater Western Sydney to Coal Seam Gas

I know that this affects Australia but it will happen everywhere, even in Britain! We have to stand united.

Christine Hartley

On 16 January 2013 12:08, plan_comment plan_comment <plan_comment@planning.nsw.gov.au> wrote:

> 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

>

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>

> >>> CHristine Hartley <chris@dylanhartley.com> 01/16/13 22:57 >>>

>

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- > 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,
> CHristine Hartley

> -----
> This message is intended for the addressee named and may contain
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> are not necessarily the views of the Department.
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--
Christine Hartley

dylanhartley.com*

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*

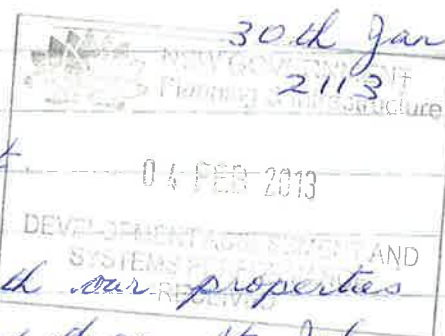
Tel: 01952 586894

www: dylanhartley.com

The Shire Coach House, Burnt Hall Lane, Madeley, Telford TF74PP

twitter: dylanhartleycom

Mrs Maureen Hartley
'Locksley Mews'
22/58 Greenoaks Avenue
Bradbury NSW 2560



A.G.L's. Camden Gas Project

Fishers' Ghost Creek is underneath our properties in Greenoaks Avenue, it is piped from St Johns Road to halfway along the Parkway, where it resurfaces. What happens to any earth movement caused by CSG, and who pays for repairs?

Bush fire danger is widespread in this area in summer particularly — what happens to gas which becomes ignited, and how will they cope with the travel underground? And stop it?

Tara in Queensland has numerous wells (at least 600) resulting in people becoming sick — emissions, water spillage and noise, resulting in people moving away from the area. Also there have been serious health problems in America reported.

A.G.L. puts CSG in glowing terms, proposing horizontal drilling in the "Northern Expansion" (Camden, Campbelltown areas). They optimistically declare that this "stimulates the flow of gas and does not cause any impact on the surface activities above." Will there be recompense for people who have property damaged, or will it be virtually impossible to "prove damage"?

Mrs Maureen Harty
'Locksley Mews'
22/58 Greenoaks Avenue
Bradbury NSW 2560

2.

Danger to whole of Sydney's water catchment area and what happens if any water becomes contaminated, have AGL & CSG immediate cleansing procedures? This area is too valuable for pure water for the catchment area, and CSG is rather ~~unreliable~~ unreliable in promoting the flow of natural gas.

Noise problem.

In Northern Expansion, AGL proposes at least Eleven surface locations — quite extensive when AGL say that individual vertical wells are drilled and angled out to meet a coal seam — 2,500 metres horizontal of 158mm pipe each.

Yours faithfully,
Maureen Harty
MRS. D.B. HARTY.



From: Damian Hatton <damoh66@hotmail.com>
To: <plan_comment@planning.nsw.gov.au>
Date: 2/7/2013 11:35 pm
Subject: Northern Expansion Camden Gas Project - Project Application No 0.9_0048
Attachments: CSG Submission - Hatton.docx

Please find attached a written submission to the planning commission on this issue.

Thanks,
Damian Hatton

Department of Planning

Reference Submission opposing AGL coal seam gas (AGL-CSG)

Camden Gas Project – Northern Expansion Stage 3.

Project Application No 0.9_0048

To whom it may concern:

My family and I have been living in Gregory Hills for the past year. I have kept this submission rather late in order to gather as much information on this issue which will affect my family and I directly as we are residents of Gregory Hills and will be in view of well head CU02. The well head itself may not be in our suburb but the horizontal aspect of the drilling will be under our home.

After listening, watching and reading many media stories on this issue, it has become apparent that the only party interested in going forward with this project is AGL with considerable backing from the Planning Minister and consequently the Premier.

Local MP's all of whom are in the current government have come out in opposition to the project. Other state authorities, NSW Health, have also questioned the validity and safety of the current practice and called for a further delay of the project until further assessments can be made. Community groups with information from reliable scientific studies both here and overseas have been vocal in their opposition. Ordinary people who are just worried need to have a voice that is listened to not a token acknowledgement and then ignored.

Experiences of this process in Queensland and overseas has shown that both the human and environmental consequences are too great for it to continue where it now takes place let alone expand to create more wells.

The process of hydraulic fracturing is flawed in its action and its consequences. Surely disturbing the underlying rock layers causes problems to those layers above. Residue from the 'fracking' fluids will remain in the ecosystems for many years to come. Ground water flows into aquifers and eventually find its way onto the surface albeit many years later.

Will the State Government and AGL take responsibility for those people and properties affected now and in the future? A short term gain for a major long term loss is not a smart move. The alleged huge amount of revenue for the State coffers and the myriad of jobs are nothing more than propaganda that AGL can afford repeat to listeners and viewers on radio and TV advertisements. The information leaflet that was delivered to our letterbox was nothing more than a glossy flyer with a poor excuse for a map with no reference points such as major roads and our

suburb of Gregory Hills was not even on the map. There were just a few coloured dots to indicate that CSG well were planned. This was laughable!

I often here the line from AGL that CSG mining is a "clean" form of energy. This makes no sense. As a high school chemistry teacher I know that if a hydrocarbon such as methane is burnt it produce carbon dioxide. This will contribute to global warming.

The self regulation of this industry is a complete joke. How can this be happening? Of course they are going to say that everything is fine. I noted with interest a recent press release from AGL in regards to bubbles of gas coming from underneath flood waters in the Menangle area. It stated that the samples were tested using 'multiple techniques'. No where did it say what these techniques were or where we might find the actual results. There are intelligent people in this community who are familiar with scientific data and the techniques used to measure such examples. Is AGL afraid to tell us the actual truth or do they think that we are not smart enough? This type of information is pathetic and tries to treat the local community as an irrelevant inconvenience to its' plans.

I would hope that this commission looks and acts with reason and justice. Business interests do not run New South Wales. The elected governments are representatives of the people and should act in their best interests, not businesses and corporate interests.

Your faithfully,

Damian Hatton

26 Felix St.

Gregory Hills

NSW 2557

From: Deidre Golding <cc_girl03@yahoo.com.au>
To: <plan_comment@planning.nsw.gov.au>
Date: 2/7/2013 8:53 pm
Subject: Camden Gas Submission
Attachments: CSG Letter 060213.pdf

Dear Sir/Madam,

Please find attached a pdf copy of my Pro Forma Submission CGP3, which relates to Stage 3 of the Camden Gas Project.

Regards

Deidre Hay

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.

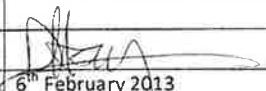
I do not believe that the NSW Government's new regulations for CSG mining will ensure its safe operation here. As the only commercially producing CSG field in NSW, the Camden Gas Project has already been operating under consent conditions. Yet the NSW Government has not been able to ensure compliance, 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	Deidre Hay
Address	7 Becharry Rd, Blacktown, NSW, 2148
Signature	
Date	6 th February 2013

From: nowis30 <nowis30@yahoo.com.au>
To: <plan_comment@planning.nsw.gov.au>
CC: Deidre Golding <cc_girl03@yahoo.com.au>
Date: 2/2/2013 11:56 am
Subject: Pro_Forma_Submission_CGP3
Attachments: Pro_Forma_Submission_CGP3.pdf; Part.002

Dear Sir/Madam,

Please find attached a pdf copy of my Pro Forma Submission CGP3, which relates to Stage 3 of the Camden Gas Project.

Regards

Simon Hay

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

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

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

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

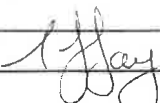
I do not believe that the NSW Government's new regulations for CSG mining will ensure its safe operation here. As the only commercially producing CSG field in NSW, the Camden Gas Project has already been operating under consent conditions. Yet the NSW Government has not been able to ensure compliance,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

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

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

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

Yours sincerely

Name	Simon Hay
Address	7 Becharry Rd, Blacktown, NSW, 2148
Signature	
Date	31 st January 2013

From: "Cheryl Haynes" <sal2@westserv.net.au>
To: <plan_comment@planning.nsw.gov.au>
Date: 2/4/2013 4:26 pm
Subject: Fracking

Mining and Industry Projects

Project Application: 09_0048

GPO BOX 39,

Sydney 2001

To whom it may concern,

I would like to lodge a complaint regards the fracking project proposed for Camden and Narellan Area

I am totally against any Fracking used for mining of any kind in Australia

It was on the news just recently regards the Nepean River and bubbles coming from surface of water in which the mining company stated they were monitoring the levels and it posed no danger to humans

My question is Can the Platypus and Crayfish Frogs and Cod etc etc still live in that environment?

During history the minors of yesteryear used Canaries down the mines As when they stopped singing and died The miners knew it was time to leave before they died from gas poisoning Can a Canary ingest those bubbles???

Humans can't eat money or coal or gas

We need to keep our waters and farmland alive for future generations

Please help stop this greed for the almighty dollar

Cheryl Haynes

sal2@westserv.net.au

From: Michelle Hayter <michelle.hpmp@hotmail.com>
To: <plan_comment@planning.nsw.gov.au>
Date: 2/7/2013 8:58 pm
Subject: Submission opposing AGL Coal Seam Gas (AGL-CSG)

Dear Director

My fiancée and I moved to Narellan Vale in 2011. We moved here for the clean air, country rural feeling and the fact there were no government projects and other industries that would harm the air quality and land in the area.

The idea of this in Camden is a ridiculous and unnecessary. I strongly don't want this to go ahead in our area and as a rate payer in this area and that hopes to stay in this area I think I deserve the right to say yes and no to what is put in my area. I know there are a lot of people who think the same as me and most of us have done the right thing by our community so I don't think companies or government should be able to just walk in and put what they want in our community.

We pay the rates in this area and so we as the people should have the say and we say
no!!!!!!!!!!!!!!!!!!!!!!

WE PAY FOR IT THEN WE SHOULD CHOOSE IT

We totally oppose the entire AGL CSG Camden expansion proposal.

Kind Regards
Michelle Hayter and Daniel Kuiper
3 Yate Place
Narellan Vale, NSW 2567

"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

"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 ~~Elidale~~.....(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.....

OUR DEADLINE IS - FRIDAY 8 FEBRUARY 2013

"write early, write often"

Copy and pass on

From: Hannu Heikkila <h_heikkila@yahoo.com>
To: "plan_comment@planning.nsw.gov.au" <plan_comment@planning.nsw.gov.au>
Date: 2/8/2013 3:01 pm
Subject: NO to any gas drilling in Camden area

Absolute NO to any gas mining or drilling of any kind in Camden or surrounding areas, we have personal experiences of the noise that goes on for months and months disturbing our life. In addition the short gain in resources is vastly offset by the danger, real or assumed, of destroying the nature for current and future generations.

Hannu and Anita Heikkila
Narellan Vale

From: warehouse <warehouse@cabothealth.com.au>
To: "plan_comment@planning.nsw.gov.au" <plan_comment@planning.nsw.gov.au>
Date: 2/8/2013 9:09 am
Subject: FW: NO COAL SEAM GAS MINING

Subject: NO COAL SEAM GAS MINING

I strongly object to coal seam gas mining in the Camden Campbelltown area.
O'Farrel you promised to put a stop to this crap, now put your morals before money.

Phill Heinrich
heinp@tpg.com.au

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.

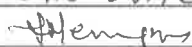
I do not believe that the NSW Government's new regulations for CSG mining will ensure its safe operation here. As the only commercially producing CSG field in NSW, the Camden Gas Project has already been operating under consent conditions. Yet the NSW Government has not been able to ensure compliance, 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	FREDA HENRIQUES
Address	1/4 TRIPOLI PLACE
	EAGLEVALE NSW 2558
Signature	
Date	8.2.13

From: "Karen" <kah@iinet.net.au>
To: <plan_comment@planning.nsw.gov.au>
CC: <clay.preshaw@planning.nsw.gov.au>
Date: 2/6/2013 7:18 pm
Subject: AGL - Varroville - submission (Helen Henry)

Dear Clay,

I am writing to you as a concerned resident of Varroville and as an adjoining land owner to the Carmelite nuns and the Serbian School in regards to the AGL Northern Expansion of the Camden Gas Project to which I must stress my strong OBJECTION!

In the beginning we had issues as adjoining land owners - Lot 2DP 845124 Glensaugh Pty Ltd - to the proposed WELL 07 and had not previously been contacted in regards to this proposal during the consultative process. We had only learned of this proposal at the time of lodging our last submission through other adjoining property owners the Carmelite nuns.

There are a number of issues we are concerned with that bring us to our total objection of this project within the Scenic Hills and surrounding areas.

We are concerned about the nature of what the impact of this is going to have on our land given it is so close. The concerns about the long-term sterilisation of this land and the impact that implies - decreased land value!

My daughter, Karen, has requested formally to yourself and also the minister for planning to be informed where the new locations of these wells are to be, especially the well heads. She has NOT to this date been informed even though she has requested more than once. In fact I believe she has not even received an acknowledgement of receipt of the requests. I have grave concerns if the original proposal of WELL 11 is still in place. The maps provided on your website are very vague.

If WELL 11 is still in place I hold grave concerns about contamination due to off-runs into the creeks, streams and land. The people around this area rely on the dam's water supply which is where WELL 11 is to be built. So our concerns are doubled in this respect. The impact of possible interrupted supplies, the possibility of contamination and also the long-term impact on the soil. There is also the concern to do with our livestock that rely on the pastures to graze and also which drink from the creeks, streams, dams and the like which may well become contaminated if AGL's proposal is to go ahead. What impact does or would this have on the cattle: deaths, lower birth rates. What about the meat of these cattle, as these cattle go off to

market and end up on our plates. so many unanswered questions in regards to this matter. What impact does it have on us if our drinking water becomes contaminated through run-off from WELL 11 into the water race?

There is also grave concern for other wildlife in the area which consists of koalas and the black wallaby which I believe is endangered!!! Within the last 14 months we have had a baby wombat born on our property which was taken to a vet as per WIRES instructions. This is all documented by WIRES. This wildlife will become threatened by CSG mining and fracking.

There's also the impact of emission from these wells to be considered. I chose to have a rural lifestyle for a reason, not to be sitting next to something that will create pollution in one form or another.

The Scenic Hills is a protected area, and is so for a reason. It is basically the last truly beautiful natural part of the Campbelltown district. Lush rolling hills which are home to a few lucky people and much flora and fauna - some of which I believe are endangered. I have lived in Varroville since 1972 and wouldn't live anywhere else but now AGL is coming along and proposing to put an eyesore smack bang in the middle of it which is potentially dangerous to flora, fauna and human life itself. Chemicals being leached into the groundwater some of which are highly toxic! Further erosion of the land. Noise pollution. Emissions. The total opposite of what this stretch of land is all about. This area is about preservation not destruction.

Also in close proximity we have two schools - one still in the process of being built. One school will be relying on the same water supply as us which is the dam where WELL 11 was or is to be located. This is unacceptable!

There are already many health concerns which have been raised by residents in Tara QLD. These concerns have been ongoing and the Queensland government and AGL have turned a blind eye to it all. These health concerns are from people living within a 6 kilometre radius in a rural setting. Now AGL want to mine through areas where people will be exposed at even closer proximity.

AGL needs to place this expansion project on hold until such a time that the general public can be 100% assured that a) our health is not going to be compromised; b) our land values are not going to be affected; c) our lives are not going to be disrupted by noise pollution; d) our wildlife, flora and fauna are not under threat; e) we are not going to have issues with air pollution; and e) our aesthetics of our surroundings is not ruined. They are just a few that come to mind.

It is abhorrent that the NSW government and AGL consider that it 'necessary' to carry out this mining and fracking in order to determine evidence. Evidence should be taken from Tara Qld. A full review and independent

investigations into the health and safety of both human life and our environment should be performed in regards to this mining and fracking in Tara before any further work is undertaken. Until full reports can be provided on this issue in Tara Qld, no further mining should take place. It is totally irresponsible of both the NSW government and AGL to adopt a 'wait and see approach!!' This experimental mining, which is exactly what it is when it comes to urban mining, and has the potential to be worse than the asbestos disaster.

We still have no idea what will happen if aquifers become affected. Once something like this affects our water works there is no turning back and all living things on earth require water to live!

We have already seen a number of breaches of protocol when it comes to maintaining current wells at Menangle NSW. In fact recently there were reports of bubbling around the wells after the deluge of rain we received. AGL wanted to carry out their own investigations into this. This is not acceptable. We need independent bodies looking into this issue.

How can we feel confident about anything to do with this project when AGL have failed to manage what they currently have in place, and fail to investigate what is happening in Tara Qld.

The Campbelltown/Camden district is home to approximately 150,000 people with expansion currently underway estimated at 500,000, and the NSW government and AGL are prepared to risk all our lives for the sake of 5% of gas for NSW. It seem to be a very high risk to take for such a small percentage of gas. I have asked this question before and I am asking it again, Why is the NSW government and AGL prepared to take such a huge risk with human life and our environment for 5% of gas?

I also hold grave concern that having AGL come in and set up shop will set the precedence for this area to be become 'unprotected', therefore destroyed. Having just the proposal in place has already devalued my block of land adjoining. I have also read recently that AGL are planning to access wells from St Andrews Road. This really troubles me deeply for many reasons which are listed in the submission.

I would urge that the NSW state government looks into this very carefully and knock this project on the head ASAP! Do not use the residents of Camden/Campbelltown areas as your guinea pigs, as that is basically what both the NSW government and AGL are proposing to do. Investigate Tara Qld thoroughly. Gain you so-called evidence and PROVE to the residents of this area that we have nothing to worry about, instead of adopting a 'wait and see' mentality!

Yours Sincerely

Helen Henry

379 St Andrews Road

Varroville NSW 2566

From: Kareena Henry <Kareena@allaboutrehab.com.au>
To: "'plan_comment@planning.nsw.gov.au'" <plan_comment@planning.nsw.gov.au>
Date: 2/6/2013 7:02 pm
Subject: coal seam gas

To Whom It May Concern,

As a resident of Kirkham I would like to submit my objection to Stage 3 Northern Expansion of the Camden Gas project. As a parent and community participant I am very concerned about where the wells will be located and the effects this will have on our health, the health of our children and that of agricultural land around the Camden area.

This surely will have a detrimental effect on our environment, our water quality and the living standards of our community.

Therefore I object to Stage 3 Northern Expansion of the Camden Gas Project.

Kareena Henry
Mobile: 0414 819 573
Email: kareena@allaboutrehab.com.au<mailto:kareena@allaboutrehab.com.au>

From: "Karen Henry" <karenhenry@inet.net.au>
To: <plan_comment@planning.nsw.gov.au>
CC: <clay.preshaw@planning.nsw.gov.au>
Date: 2/6/2013 7:07 pm
Subject: FW: AGL - Varroville - submission

Dear Clay,

I am writing to you about our concerns in regards to the AGL Northern Expansion of the Camden Gas Project to which we must stress our strong OBJECTION! This is the second time we have had to object to this!

In the beginning we had issues as adjoining land owners - Lot 2DP 845124 Glensaugh Pty Ltd to the proposed WELL 07 and had not previously been contacted in regards to this proposal during the consultative process. We had only learned of this proposal at the time of lodging our last submission through other adjoining property owners the Carmelite nuns.

There are a number of issues we are concerned with that bring us to our total objection of this project within the Scenic Hills and surrounding areas.

We are concerned about the nature of what the impact of this is going to have on our land given it is so close. The concerns about the long-term sterilisation of this land and the impact that implies - decreased land value!

I have requested formally to yourself and also the minister for planning to be informed where the new locations of these wells are to be, especially the well heads. I have NOT to this date been informed even though I have requested more than once. In fact I have not even received a reply. I have grave concerns if the original proposal of WELL 11 is still in place. The maps provided on your website are very vague.

If WELL 11 is still in place we hold grave concerns about contamination due to off-runs into the creeks, streams and land. The people around this area rely on the dam's water supply which is where WELL 11 is to be built. So our concerns are doubled in this respect. The impact of possible interrupted supplies, the possibility of contamination and also the long-term impact on the soil. There is also the concern to do with our livestock that rely on the pastures to graze and also which drink from the creeks, streams, dams and the like which may well become contaminated if AGL's proposal is to go ahead. What impact does or would this have on the cattle: deaths, lower birth rates. What about the meat of these cattle, as these cattle go off to market and end up on our plates. so many unanswered questions in regards to this matter. What impact does it have on us if our drinking water becomes

contaminated through run-off from WELL 11 into the water race?

There is also grave concern for other wildlife in the area which consists of koalas and the black wallaby which I believe is endangered!!! Within the last 14 months we have had a baby wombat born on our property which was taken to a vet as per WIRES instructions. This is all documented by WIRES. This wildlife will become threatened by CSG mining and fracking.

There's also the impact of emission from these wells to be considered. We chose to have a rural lifestyle for a reason, not to be sitting next to something that will create pollution in one form or another.

The Scenic Hills is a protected area, and is so for a reason. It is basically the last truly beautiful natural part of the Campbelltown district. Lush rolling hills which are home to a few lucky people and much flora and fauna - some of which I believe are endangered. We have lived in Varroville since 1972 and wouldn't live anywhere else but now AGL is coming along and proposing to put an eyesore smack bang in the middle of it which is potentially dangerous to flora, fauna and human life itself. Chemicals being leached into the groundwater some of which are highly toxic! Further erosion of the land. Noise pollution. Emissions. The total opposite of what this stretch of land is all about. This area is about preservation not destruction.

Also in close proximity we have two schools - one still in the process of being built. One school will be relying on the same water supply as us which is the dam where WELL 11 was or is to be located. This is unacceptable!

There are already many health concerns which have been raised by residents in Tara QLD. These concerns have been ongoing and the Queensland government and AGL have turned a blind eye to it all. These health concerns are from people living within a 6 kilometre radius in a rural setting. Now AGL want to mine through areas where people will be exposed at even closer proximity.

AGL needs to place this expansion project on hold until such a time that the general public can be 100% assured that a) our health is not going to be compromised; b) our land values are not going to be affected; c) our lives are not going to be disrupted by noise pollution; d) our wildlife, flora and fauna are not under threat; e) we are not going to have issues with air pollution; and e) our aesthetics of our surroundings is not ruined. They are just a few that come to mind.

It is abhorrent that the NSW government and AGL consider that it 'necessary' to carry out this mining and fracking in order to determine evidence. Evidence should be taken from Tara Qld. A full review and independent investigations into the health and safety of both human life and our environment should be performed in regards to this mining and fracking in

Tara before any further work is undertaken. Until full reports can be provided on this issue in Tara no further mining should take place. It is totally irresponsible of both the NSW government and AGL to take a 'wait and see approach!!' This experimental mining, which is exactly what it is when it comes to urban mining, has the potential to be worse than the asbestos disaster.

We still have no idea what will happen if aquifers become affected. Once something like this affects our water works there is no turning back and all living things on earth require water to live!

We have already seen a number of breaches of protocol when it comes to maintaining current wells at Menangle NSW. In fact recently there were reports of bubbling around the wells after the deluge of rain we received. AGL wanted to carry out their own investigations into this. This is not acceptable. How can we feel confident about anything to do with this project when AGL have failed to manage what they currently have in place, and fail to investigate what is happening in Tara Qld.

The Campbelltown/Camden district is home to approximately 150,000 people with expansion currently underway estimated at 500,000, and the NSW government and AGL are prepared to risk all our lives for the sake of 5% of gas for NSW. It seems to be a very high risk to take for such a small percentage of gas. I have asked this question before and I am asking it again, Why is the NSW government and AGL prepared to take such a huge risk with human life and our environment for 5% of gas?

We also hold grave concern that having AGL come in and set up shop will set the precedence for this area to become 'unprotected', therefore destroyed. Having just the proposal in place has already devalued our block of land adjoining. I have also read recently that AGL are planning to access wells from St Andrews Road. This really troubles us deeply for many reasons which are listed in the submission.

I would urge that the NSW state government looks into this very carefully and knocks this project on the head ASAP! Do not use the residents of Camden/Campbelltown as your guinea pigs, as that is basically what both the NSW government and AGL are proposing to do. Investigate Tara Qld thoroughly. Gain you so-called evidence and PROVE to the residents of this area that we have nothing to worry about, instead of adopting a 'wait and see' mentality!

Yours Sincerely

Karen Henry

Helen Henry

From: "Karen Henry" <karenhenry@iinet.net.au>
To: <plan_comment@planning.nsw.gov.au>
CC: <clay.preshaw@planning.nsw.gov.au>
Date: 2/6/2013 8:35 pm
Subject: AGL - Eschol Park - submission (Karen Henry)

Dear Clay,

I am writing to you about our concerns in regards to the AGL Northern Expansion of the Camden Gas Project to which I must stress my strong OBJECTION! This is the second time I have had to object to this!

Firstly it was as adjoining land owner - Lot 2DP 845124 Glensaugh Pty Ltd to the proposed WELL 07 - that we had not previously been contacted in regards to this proposal during the consultative process. We had only learned of this proposal at the time of lodging our last submission through other adjoining property owners the Carmelite nuns.

There are a number of issues we are concerned with that bring us to our total objection of this project within the Scenic Hills and surrounding areas. I live in Eschol Park and have done for 27 years. Prior to that I lived in Varroville since 1972, so I am a long-term resident of the Campbelltown district. In my previous submission (Glensaugh P/L) I outlined a great many number of concerns. My concerns for the area of Varroville are outlined in that submission.

Moreover I am concerned with this new amendment that AGL are now proposing which entails many gas wells in Eschol Park and Kearns. These suburbs are small suburbs, which are residential and house many young families, who are fortunate enough to have a rural outlook onto the beautiful Scenic Hills. It's not often people can say they live in a suburb yet hear the bellowing of a cow or cows at night. We are truly blessed to be surrounded by the aesthetics of the Scenic Hills and I would like to see it remain that way.

I am very much concerned about the issue of air pollution, run-off, heavy traffic such as semi-trailers and prime movers coming through my small suburb. It will cause Eschol Park to become polluted and our land values will decrease. Who would want to buy into an area where there is constant disruption, air pollution and potential health risks.

We have a number of schools in close proximity to the proposed wells and this is alarming. We also have an abundance of wonderful recreational parks which are frequented by sporting clubs and also by children and families for leisurely activities such as walking, riding bikes etc. All this is under great threat because AGL want to, I believe, put 6 wells into Eschol Park.

I am concerned about the nature of what the impact of this is going to have on my land given the numerous wells will be in close proximity. I am also concerned about the compounding effect of having so many wells close together in such a small area. I have concerns about the long-term sterilisation of this land and the impact that implies - decreased land value! But more importantly our health!!!

There is also the impact of emission from these wells to be considered. I chose to live in Eschol Park because it is small and still has a rural aspect about it when you look upon the Scenic Hills as its backdrop, along with the many parks it offers. We could end up with a human and/or natural disaster on our hands that is irreversible! I personally do not want to be part of an experiment of 'wait and see'!

I have requested formally to yourself and also the minister for planning to be informed of the exact locations of these wells, especially the well heads. I have NOT to this date been informed even though I have requested more than once. In fact I have not even received a reply.

The Scenic Hills is a protected area, and is so for a reason. It is basically the last truly beautiful natural part of the Campbelltown district. Lush rolling hills which are home to a few lucky people and much flora and fauna - some of which I believe are endangered. Given I grew up in this area I recall when the whole of St Andrews, Raby etc., were all farms. I watched the changes occur with growth but one of the most appealing things that kept me in this area was the Scenic Hills. Now AGL is proposing to put an eyesore smack bang in the middle of it which is potentially dangerous to flora, fauna and human life itself. Chemicals being leached into the groundwater some of which are highly toxic! Further erosion of the land. Noise pollution. Emissions. The total opposite of what this stretch of land is all about. This area is about preservation not destruction, and AGL want to do this for a lousy 5% of gas supply.

There are already many health concerns which have been raised by residents in Tara QLD and I am personally concerned about this issue as well. Equally concerned that the Qld government and AGL have not investigated this fully! These concerns have been ongoing and the Queensland government and AGL have turned a blind eye to it all. These health concerns are from people living within a 6 kilometre radius in a rural setting. Now AGL want to mine through areas where people will be exposed at an even closer proximity.

AGL needs to be forced to place this expansion project on hold until such a time that the general public can be 100% assured that a) our health is not going to be compromised; b) our land values are not going to be affected; c) our lives are not going to be disrupted by noise pollution; d) our wildlife, flora and fauna are not under threat; e) we are not going to have issues with air pollution; and e) our aesthetics of our surroundings is not ruined. They are just a few that come to mind.

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to carry out this mining and fracking in order to determine evidence. Evidence should be taken from Tara Qld. A full review and independent investigations into the health and safety of both human life and our environment should be performed in regards to this mining and fracking in Tara before any further work is undertaken. Also reports should come from the United States where CSG has occurred and similar health complaints have been reported as in Tara Qld. Even top health professionals here in Australia have been stating about these high risks and yet it all seems to fall on deaf ears!!

Until full independent investigative reports are performed, disclosed, and can be provided to the public on this issue in Tara Qld, no further CSG mining should take place. It is totally irresponsible of both the NSW government and AGL to take a 'wait and see approach!!' This experimental mining, which is exactly what it is when it comes to urban mining, has the potential to be worse than the asbestos disaster.

We still have no idea what will happen if aquifers become affected. Once something like this affects our water works there is no turning back and all living things on earth require water to live! How is a 'wait and see' approach going to counteract that?!

We have already seen a number of breaches of protocol when it comes to maintaining current wells at Menangle NSW. In fact recently there were reports of bubbling around the wells after the deluge of rain we received. AGL wanted to carry out their own investigations into this. This is not acceptable, and should not be allowed. It should be independent bodies with no financial or personal interest or gain to AGL or NSW state government that perform these investigations. They should be made up of professional scientific bodies.

In regards to Eschol Park, during heavy rain periods we always experiences areas of flooding in our parks and run off from the Scenic Hills. So what effects will that have in this area if gas wells are not managed properly.

How can we feel confident about anything to do with this project when AGL have failed to manage what wells they currently have in place, and fail to investigate what is happening in Tara Qld.

The Campbelltown/Camden district is home to approximately 150,000 people with expansion currently underway estimated at 500,000, and the NSW government and AGL are prepared to risk all our lives for the sake of 5% of gas for NSW. It seem to be a very high risk to take for such a small percentage of gas. I have asked this question before and I am asking it again, Why is the NSW government and AGL prepared to take such a huge risk with human life and our environment for 5% of gas?

I also hold grave concern that having AGL come in and set up shop will set the precedence for the Scenic Hills area to be become 'unprotected', therefore destroyed. Having just the proposal in place has already devalued our block of land in Varroville and also now in Eschol Park.

I would urge that the NSW state government looks into this very carefully and knocks this project on the head ASAP! Do not use the residents of Camden/Campbelltown as your guinea pigs, as that is basically what both the NSW government and AGL are proposing to do. Investigate Tara Qld thoroughly.

Gain you so-called evidence and PROVE to the residents of this area that we have nothing to worry about, instead of adopting a 'wait and see' mentality! It is the NSW state government who owe a duty of care to the residents of Camden/Campbelltown to ensure 100% that our health and environment is not going to be compromised. A 'wait and see' approach is not the solution. The solution is investigating what is happening at Tara. Investigate the breaches of AGL with current wells.

As a long term resident of Campbelltown I absolutely totally object to this expansion project! I would also like to know why this project is so important when it is only for 5% of NSW gas supply. I would like to know what the government gaining from allowing this project to go through? As it seems ludicrous to think that a state government would put its people, land and water supply under such high risk of contamination in one form or another for such a small percentage of gas supply! The figures do not add up.

Yours Sincerely

Karen Henry

46 Eschol Park Drive

Eschol Park NSW 2558

Another submission.

>>> "Karen Henry" <karenhenry@inet.net.au> 2/7/2013 12:44 pm >>>

Dear Clay,

I would like to add something further to my personal submission of yesterday given I received today in the mail a clearer map from Brad Hazzard's office. These maps were a long time coming, especially given my first request was on 12th December 2012. Now they finally arrive one day off submissions closing. These could have been emailed to me back in December, so I have to ask myself why the delay...

The location of proposed wells, especially in Eschol Park, Kearns, Eaglevale and Claymore are extremely troublesome and I totally object to them. Proposed wells CU22 and CU 31 are in very close proximity to the existing water supply and canal known as the 'water race'. This is concerning due to that local residents and other areas rely on this water supply for drinking water. Varroville is supplied by water in a small dam at the water race. I am troubled that there will be issues of seepage and run-off and this could end up in our water supply. There is real concern of contamination. I also note that proposed wells CU6, CU10 and CU 14 are also in close proximity to this existing water canal, along with being close to natural dams which supply water to animals. This is totally unacceptable.

I also note that well CU02 is close to the existing water canal and in fact is planned to have the gathering line through part of a very large dam. Once again I must note the dangers of contamination into our dams which animals drink from and also the seepage of chemicals into the ground.

I also notice that VV03 in Varroville is still in close proximity to the Carmelite Nuns and the other monastery in Varroville. It also appears it will be located at the back of Mt Carmel High School, once again putting children, and teaching staff under potential health risks. Moreover, there are also the residents who are at higher risk as they stand to lose value on their properties and well as contamination in one form or another.

I must raise again the alarm I feel about having so many wells in the Eschol Park, Kearns, Eaglevale and Claymore areas. No-one to date can tell us whether this CSG mining/fracking is safe in an urban environment. I once again must stress the importance of duty of care that the NSW state government has to its people and that they cannot not allow AGL to go ahead and continue this expansion with a 'wait and see' approach. It is totally irresponsible. Full independent long-term investigations into Tara Qld health and environment concerns must take precedence.

Investigate these over a period of years before making any commitment to mining in our community here. If this mining is safe, why are they having the same health issues as what has been documented in the United States? Also is the issue of devalued land. Residents in Tara Qld are stuck on their properties as no-one wants to buy into that area. I have grave concerns it will become the same here in our area.

The government and AGL both need to consider that asbestos poisoning took a long time, and in fact many deaths, before it became apparent what was the direct cause. James Hardy knew full well there were problems and turned a blind eye. Consequently as this was ignored and allowed to continue on. According to the Mesothelioma Center, approximately 10,000 deaths have already occurred in Australia with an additional 25,000 more estimated over the next four decades.

CSG mining/fracking and health concerns have already been raised by residents in Tara Qld and also in the United States of America where CSG fracking is done. All suggest there are serious health implications associated with this. So how can the NSW government, especially knowing what happened with Asbestos, even consider or allow AGL to continue with this project already knowing there are many health issues. In 2010 Bill Shorten stated in interview with the Sydney Morning Herald that 642 people had died that year from lung cancer associated with asbestos.

So how can the NSW government and AGL turn a blind eye given the residents of Tara Qld have already raised health concerns. It just does not make sense that both the state government and AGL are ignoring what top health professionals are stating. Where is our proof, as residents, this is not going to be harmful? We already know our land values will plummet because of this CSG mining/fracking as we have seen this in Tara Qld because no-one wants to willingly buy into an area that is contaminated and many residents are forced to stay because of this very reason as they cannot afford to leave with nothing.

We have already seen recently an issue with bubbling in flood waters around producing gas wells in the Menangle Park area adjoining the Nepean River near Campbelltown (Camden Gas Project Stage 2) to which AGL are self-investigating. This is not sufficient and no self-reporting in these types of matters should occur. There was an issue with Rosalind Park gas processing plant, near Camden, where AGL breached its protocol for checking air quality. This was apparently for a considerable amount of time. AGL do not have a good track record of staying within protocol and were apparently supposed to be 'self-reporting' this air quality checking. How can we have any faith in AGL...

I iterate there needs to be full independent investigations of current issues with CSG in regards to Tara Qld and also issues on current protocols that AGL have breached to date. It is the NSW state government's responsibility – duty of care – to ensure these investigation are performed over a period of years into the true impact of what this mining/fracking will have in residential areas. It needs to be performed by independent environmental scientists and experts, health professional experts and scientists, along with land and agricultural scientists and experts.

AGL are prepared to risk the lives of potentially hundreds of thousands of residents, could possibly be more if it ends up in our water supply, all for 5% of gas supply in NSW. This just does not make sense. They are ignoring the outcry from residents, the media, scientists and the like. The best they can do is make statements that it is safe but they have no real proof! Once again it makes me question what does the government stand to gain by supporting AGL's expansion plans? There has to be something in order for them to even remotely consider allowing this project to continue!

Make AGL prove there is no risk, as they seem to be bold enough to make this statement, but on the other hand make statements to the effect of let us 'wait and see' what happens.

So which is it. Is it safe AGL to be fracking in residential areas or is it the big unknown and you are playing Russian Roulette with potentially hundreds of thousands of residents? How can we even be sure that we would even be told if there were any negative impacts as to date they have not stuck to protocol. For AGL to make any claim there is no risk, they need to be able to back that up with hard core independent evidence to prove their case. They need to be able to give us 100% guarantee that we, as residents, will not be affected health wise, monetary wise and that our environment – flora/fauna, livestock, domestic animals etc., will not be negatively affected by this CSG mining/fracking before this expansion project can even be remotely considered.

I am calling on the government of NSW to put its people first as you owe us a duty of care! Listen to resident concerns and also the medical specialists and environmental scientists who have gone public about the real concerns of CSG fracking and mining. I urge the NSW government to place AGL on notice and investigate their current operations and breaches of protocol. To put this project on hold until we can be assured 100% that our health and lives are not at risk. That CSG fracking is not going to damage and/or contaminate the environment that we call home. That our house and land values will not be devalued. That CSG fracking/mining is not going to impact negatively on our livelihood in any shape or form.

The biggest question I have though is why is the NSW government even consider taking such a huge risk for 5% of gas supply. Personally I would like to see the NSW government suspend this Camden/Campbelltown expansion project indefinitely. We export the majority of the gas Australia already produces. Why are we not looking at using 5% of what we currently export to supply for NSW?!

Kind Regards
Karen Henry

From: plan_comment@planning.nsw.gov.au [mailto:plan_comment@planning.nsw.gov.au]
Sent: Thursday, 7 February 2013 10:03 AM
To: Karen Henry
Subject: Re: AGL - Eschol Park - submission (Karen Henry)

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

Regards,

Information Officer, Information Centre
NSW Department of Planning & Infrastructure | GPO Box 39 | SYDNEY NSW 2001
T 02 9228 6333 F 9228 6555 E information@planning.nsw.gov.au



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Infrastructure**

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>>> "Karen Henry" <karenhenry@iinet.net.au> 6/02/2013 8:34 pm >>>

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Moreover I am concerned with this new amendment that AGL are now proposing which entails many gas wells in Eschol Park and Kearns. These suburbs are small suburbs, which are residential and house many young families, who are fortunate enough to have a rural outlook onto the beautiful Scenic Hills. It's not often people can say they live in a suburb yet hear the bellowing of a cow or cows at night. We are truly

blessed to be surrounded by the aesthetics of the Scenic Hills and I would like to see it remain that way.

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I am concerned about the nature of what the impact of this is going to have on my land given the numerous wells will be in close proximity. I am also concerned about the compounding effect of having so many wells close together in such a small area. I have concerns about the long-term sterilisation of this land and the impact that implies – decreased land value! But more importantly our health!!!

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There are already many health concerns which have been raised by residents in Tara QLD and I am personally concerned about this issue as well. Equally concerned that the Qld government and AGL have not investigated this fully! These concerns have been ongoing and the Queensland government and AGL have turned a blind eye to it all. These health concerns are from people living within a 6 kilometre radius in a rural setting. Now AGL want to mine through areas where people will be exposed at an even closer proximity.

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been reported as in Tara Qld. Even top health professionals here in Australia have been stating about these high risks and yet it all seems to fall on deaf ears!!

Until full independent investigative reports are performed, disclosed, and can be provided to the public on this issue in Tara Qld, no further CSG mining should take place. It is totally irresponsible of both the NSW government and AGL to take a 'wait and see approach!!' This experimental mining, which is exactly what it is when it comes to urban mining, has the potential to be worse than the asbestos disaster.

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How can we feel confident about anything to do with this project when AGL have failed to manage what wells they currently have in place, and fail to investigate what is happening in Tara Qld.

The Campbelltown/Camden district is home to approximately 150,000 people with expansion currently underway estimated at 500,000, and the NSW government and AGL are prepared to risk all our lives for the sake of 5% of gas for NSW. It seem to be a very high risk to take for such a small percentage of gas. I have asked this question before and I am asking it again, Why is the NSW government and AGL prepared to take such a huge risk with human life and our environment for 5% of gas?

I also hold grave concern that having AGL come in and set up shop will set the precedence for the Scenic Hills area to be become 'unprotected', therefore destroyed. Having just the proposal in place has already devalued our block of land in Varroville and also now in Eschol Park.

I would urge that the NSW state government looks into this very carefully and knocks this project on the head ASAP! Do not use the residents of Camden/Campbelltown as your guinea pigs, as that is basically what both the NSW government and AGL are proposing to do. Investigate Tara Qld thoroughly. Gain you so-called evidence and PROVE to the residents of this area that we have nothing to worry about, instead of adopting a 'wait and see' mentality! It is the NSW state government who owe a duty of care to the residents of Camden/Campbelltown to ensure 100% that our health and environment is not going to be compromised. A 'wait and see' approach is not the solution. The solution is investigating what is happening at Tara. Investigate the breaches of AGL with current wells.

As a long term resident of Campbelltown I absolutely totally object to this expansion project! I would also like to know why this project is so important when it is only for 5% of NSW gas supply. I would like to know what the government gaining from allowing this project to go through? As it seems ludicrous to think that a state government would put its people, land and water supply under such high risk of contamination in one form or another for such a small percentage of gas supply! The figures do not add up...

Yours Sincerely

Karen Henry
46 Eschol Park Drive
Eschol Park NSW 2558

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You should scan any attached files for viruses.

From: Tan Hibbert <hibbland@bigpond.com>
To: <plan_comment@planning.nsw.gov.au>
Date: 1/14/2013 4:06 am
Subject: Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS:

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

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

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

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

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

Yours sincerely,
Tan Hibbert Hibbert

From: Stuart Hill <carlamhill@bigpond.com>
To: <plan_comment@planning.nsw.gov.au>
Date: 2/8/2013 7:54 am
Subject: Submission Opposing AGL Coal Seam Gas (AGL-CSG) - Camden Gas Project - Northern Expansion (Stage 3) Project Application No. 09_0048

The Director, Mining & Industry Projects
NSW Dept of Planning,

My husband and I moved to Camden in 1973 when the Camden local govt area had a population of 12,000. Camden was essentially a mining town with coal trucks travelling up and down Argyle Street all day long. The land on the outskirts of town was still farmland. We have brought up three children here and have lived through the highs and lows of the expansion in population due to development of residential, commercial, educational and recreational facilities which are ongoing. Camden is still a good place to bring up a family but for how much longer.

I completely oppose the above application on the grounds that we do not know enough about the long-term effects of "fracking" in this country. We do know the effects in other countries and they are not good. We do know that only last week there was a gas leak at Menangle with gas bubbling up through the Nepean. We do know that mining in this area has changed water tables. We do know that air quality in this area has always been a problem and will continue to be a problem but will definitely become worse if this project goes ahead.

It doesn't matter how many studies/environmental assessments AGL does they cannot guarantee the absolute safety of "fracking".

I sincerely hope that your government will see sense in this matter and not allow short term gains to win out over long term effects.

Carla Hill

From: Hayley Hill <Dhhill@optusnet.com.au>
To: <plan_comment@planning.nsw.gov.au>
Date: 2/7/2013 8:20 am
Subject: Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS:

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

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- 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,
Hayley Hill

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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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,

From: Kristy Hill <kristyhill79@bigpond.com>
To: <plan_comment@planning.nsw.gov.au>
Date: 2/9/2013 10:00 pm
Subject: Don't Sacrifice Greater Western Sydney to Coal Seam Gas

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

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.


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

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

Yours sincerely

Name	Mrs. HILLIER
Address	6 Skyhawk Ave RABY
Signature	
Date	7-12-12

From: Matthew Hills <mattkatehills@yahoo.com.au>
To: <matthew.riley@planning.nsw.gov.au>
CC: <assessments@planning.nsw.gov.au>
Date: 2/8/2013 3:57 pm
Subject: Submission Details for Matthew Hills (object)

Confidentiality Requested: no

Submitted by a Planner: no

Disclosable Political Donation: no

Name: Matthew Hills
Email: mattkatehills@yahoo.com.au

Address:
Ettlesdale Rd

Elderslie, NSW
2570

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

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Yours sincerely

Name

Address

Signature

IP Address: 115-64-216-160.static.tpgi.com.au - 115.64.216.160

Submission: Online Submission from Matthew Hills (object)

https://majorprojects.affinitylive.com?action=view_diary&id=54460

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: Kate Hills <Mattkatehills@yahoo.com.au>
To: <matthew.riley@planning.nsw.gov.au>
CC: <assessments@planning.nsw.gov.au>
Date: 2/8/2013 4:00 pm
Subject: Submission Details for Kate Hills (object)

Confidentiality Requested: no

Submitted by a Planner: no

Disclosable Political Donation: no

Name: Kate Hills
Email: Mattkatehills@yahoo.com.au

Address:
Ettlesdale rd

Elderslie, NSW
2570

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

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https://majorprojects.affinitylive.com?action=view_diary&id=54462

Submission for Job: #2921 Camden Gas Project Stage 3 Northern Expansion

https://majorprojects.affinitylive.com?action=view_job&id=2921

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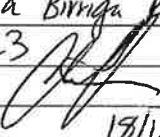
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Yours sincerely

Name	Claine Hutton
Address	7181a Birniga Road, Bellmore NSW
	2023
Signature	
Date	18/12/12

5 Broom Place
St Andrews NSW 2566

7 February 2013

Mining & Industry Projects
NSW Planning Assessment Commission
GPO Box 39
SYDNEY NSW 2001

Fax: 9228 6466

Dear Sirs

**Re: Objection to Camden Gas Project Stage 3 by AGL,
Project application 09-0048**

I object to AGL's project application 09-0048 to mine for coal seam gas in Campbelltown and Camden. I am writing because myself and my family and neighbours are concerned for our health and safety and the safety of our drinking water from the threat of fracking by AGL. AGL has reversed its pledge not to use the controversial drilling technique of fracking in the Western suburbs. AGL has lied to the Government and it has lied to, and misled residents in the Western suburbs.

AGL told Fairfax Media unconditionally on December 27 that it would not use fracking, a drilling method linked to water and soil pollution, in its planned 66-well drilling program between Liverpool and Campbelltown. AGL's assurances prompted the Premier, Barry O'Farrell, to defend AGL's promise not to frack and to downplay any impacts of the project on the thousands of residents who live near drilling sites.

However, after internal discussions revealed the company would have to change the drilling plans it has already submitted to the state Government, AGL has now backtracked on its pledge. It now says it would prefer to use a "horizontal drilling" technique to extract gas, but reserves the right to revert to "vertical drilling" which would lead to "well stimulation", or fracking. A spokeswoman for AGL has said *"AGL's position remains consistent that drilling vertical wells ... remains unlikely, however if any vertical well is drilled in the future, such a well will likely require **fracture well stimulation** to promote the flow of natural gas."*

Fracking in urban areas is a very risky proposition that could pollute the air and water with methane, other gases and fracking chemicals, posing a risk to the health of residents in the area and a risk to the air we breathe and the environment generally. The people of western Sydney should not be used as guinea pigs in AGL's fracking experiments.

AGL have admitted that 75 per cent of their existing wells outside urban Sydney have required fracking and the permeability of the coal seams means that they always needed to use fracking to extract the gas.

Fracking, or hydraulic fracturing, involves pumping a mix of water, sand and chemicals underground at high pressure, to force more gas to the surface. Fracking can cause gas leaks, damage aquifers and pollute water with its mix of **toxic chemicals**. However, it is favoured by drilling companies at some sites because it usually extracts more gas, and **makes more money**, than conventional drilling. This is a **money-grabbing** exercise by AGL who are only concerned with their profits and have absolutely **no scruples about destroying the health and wellbeing** of those of us who live in western Sydney.

AGL has said that the decision on whether to frack wells in western Sydney will now be made on a case-by-case basis, depending on geological and environmental conditions. It claims that it has reversed its stance on fracking in the interests of transparency. "The CSG industry has some of the country's most stringent environmental and safety regulations that AGL must adhere to and we are committed to meeting all of these," a spokeswoman said. The hypocrisy inherent in these statements is glaring and very frightening to those of us who live in western Sydney.

About 10,000 homes in the proposed drilling area have been notified of the company's plans by newsletters. AGL has promised there will be no effects at the surface from its underground drilling. It is quite clear that AGL cannot possibly and does not have any intention of keeping this promise.

All of us who live in the area are extremely frightened and concerned about the potential effects on human health, on the soil and the environment. We are also worried about the effect this will have on our property values, many of our homes already being worth less than we paid for them since the Global Financial Crisis.

Residents now face the prospect of coal seam gas trucks and industrial rigs regularly using our streets, months of noisy drilling and the very real possibility that our water supply will be polluted. We do not want to turn on our taps and find that our drinking water is so polluted with gas that the water coming from the tap can be set alight with a match. This can cause explosions and the prospect is very upsetting and disturbing to myself and my family and neighbours.

It is very disappointing that the O'Farrell government has not done anything to protect residents. Something must be done to stop AGL. Coal seam gas drilling in or near residential areas is simply unacceptable and we urge you not to stand by and let this happen.

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

Yours faithfully
Mrs Miranda Hilton



8/43 Clarence Street
Macquarie Fields NSW 2564
7 February 2013

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

Dear Sirs

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



Ms Olivia Hilton

From: Grant Hoban <leeanneandgrant@bigpond.com>
To: <matthew.riley@planning.nsw.gov.au>
CC: <assessments@planning.nsw.gov.au>
Date: 2/1/2013 3:38 pm
Subject: Submission Details for Grant Hoban (object)

Confidentiality Requested: no

Submitted by a Planner: no

Disclosable Political Donation: no

Name: Grant Hoban
Email: leeanneandgrant@bigpond.com

Address:
61 Epping Forest Drive

Kearns, NSW
2558

Content:
I'm a resident of Kearns and I do not want any drilling for gas under my property, I paid for it not you.

IP Address: - 101.175.185.200
Submission: Online Submission from Grant Hoban (object)
https://majorprojects.affinitylive.com?action=view_diary&id=53653

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: Katrina Hobhouse <khobhouse@yahoo.com.au>
To: "plan_comment@planning.nsw.gov.au" <plan_comment@planning.nsw.gov.au>
Date: 2/8/2013 5:38 pm
Subject: Project Application 09_0048

Dear Sir,

I object to Project Application 09_0048 for the following reason;
Personal experience with AGL at Menangle Creek in 2006 has shown me that AGL will attempt to duck any responsibility for causing contamination to waterways and the onus of proof falls on the complainant to prove that the contamination is caused by AGL. This is a hugely costly and difficult task, well beyond the means of any affected individual.
Yours faithfully

Katrina Hobhouse

"Sample Submission no. 1 – ALL SUBURBS"

Prepared by Narellan Action Group

OUR OPPOSITION TO AGL Coal Seam Gas Expansion

Page 1 of 2

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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 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 '**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
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- 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
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- 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.....

B Hobbin
 BERICE HOBBIN
 29 VENESS CCT, NARELLAN VALLEY NSW 2567

OUR DEADLINE IS - FRIDAY 8 FEBRUARY 2013

"write early, write often"

Copy and pass on



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

25th 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

We moved to Narellan Vale ten years last August, in our retirement for a cleaner environment and to be closer to our children and grandchildren who started up their lives in this area.

The area has increased in the housing industry with many estates opening up and more families moving here. New schools have been built and roads are being improved. Shopping centres are opening bringing more jobs for the young.

With the increase of living being encourage in the area our main concern is this proposed expansion of AGL Coal Seam Gas drilling, mining and 'fracing' under our homes, schools, workplaces, football fields, cricket ovals, leisure centres, our community halls, our churches, and most of all our rivers and catchment areas.

Our deepest concerns are not with mining but WHERE the mining is to be established. NOT in a built up area or in housing estates, we have a beautiful botanic garden, where families go to play, picnic, party and enjoy family reunions, right next door is your drilling, is this healthy, we do not need this threat of disaster.

Please confirm that you have received and read our objection to this expansion application.

Alan and Krystine Hodges
86 Holdsworth Drive
NARELLAN VALE 2567

Email: old.fossil1@bigpond.com.au

A. Hodges.


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Prepared by Narellan Action Group

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- 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.....

B. Halloran

BEV. HOLBROW

19 TIBBA PL KERRIS 2555

(We are not Guinear Pigs)

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

From: "Brian Holgate" <brian_ho@optusnet.com.au>
To: <plan_comment@planning.nsw.gov.au>
CC: "Bryan Doyle" <bryan.doyle@nsw.liberal.org.au>, "Jai Rowell" <wollondill...>
Date: 2/8/2013 9:33 am
Subject: Camden Gas Project - Northern Expansion (Stage3)

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 wife and I moved to the Campbelltown area in 1994 and finally, after much research and investigation spanning almost 10 years, we made the decision in 2012 to make Campbelltown our retirement "home". This decision was underpinned by the wonderful community, the services available and the environment safety that we believed to be present.

Sadly we have now become aware of the proposed expansion of AGL Coal Seam Gas drilling under very wide areas of the Campbelltown City - under our homes, our schools and workplaces, our sporting fields where all members of the community engage in healthy activities. This drilling will also, no doubt, be under our essential services such as hospitals, police and fire stations and also fuel stations. Fuel stations are a potential hazard themselves without the prospect of underground drilling causing any fracturing of the underground storage tanks containing highly inflammable fuel supplies.

The activity proposed has the real, if not definite, potential to cause subsidence, to cause gas leakage through the soil and so escaping to the atmosphere - the air my wife and I and all members of our community breath. It has the very real potential to cause pollution of our water catchments and supply dams and reservoirs. We already have this problem, subsidence, in our area as the result of coal mining - THIS CANNOT BE DENIED. The affect this has on our community is exceptionally costly, frustrating and scary for many people, however, its affect on people's health is not comparable to the potential and experienced outcome of CSG extraction.

The experiences of other areas - Tara in Queensland to name one - in the USA - where the effects of Coal Seam Gas [CSG] extraction has polluted the groundwater with the water itself being 'flammable', has caused serious skin, breathing and other illnesses in the local population must be considered first; must be considered ahead of the greed for more cash flow and profits for AGL. We are told that this is greener energy; it is less polluting amid other claims of benefit and those claims may be true of the gas product itself. It cannot be said though for the process of extraction and its potential to create an unsafe environment.

It can only be said that you, you personally, together with our State government authorities, our government ministers, the Cabinet, the expert panel members, and ultimately our Premier have responsibility to, and a duty of care to, not just my wife and me, but to the whole community of Campbelltown and Macarthur as that duty of care relates to our health and wellbeing.

It is your collective responsibility to protect our health, living, working and recreational environment.

It is also your responsibility to ensure community involvement in the whole decision process, not just some considered "experts" and of course AGL who

have a real vested interest in being able to progress with their "greed" for money, profits and so satisfying the self interest of their also 'money hungry' investors!!!!

My wife and I totally oppose the entire AGL - CSG Camden Expansion Proposal.

It is also our view that our local members, Bryan Doyle and Jai Rowell, along with their fellow members of the NSW parliament, should adopt this same view. We also expect that our local council members will share the same view on this potential for ongoing damage to our environment and community lifestyle, health and safety.

Yours faithfully

Brian Holgate
Mob: 0412 280 646
258/2 Hyde Parade
CAMPBELLTOWN NSW 2560

From: Kat Holovinsky <cholovinsky@gmail.com>
To: <plan_comment@planning.nsw.gov.au>
Date: 2/8/2013 4:58 pm
Subject: Camden Gas Project submission

To Whom This May Concern,

We (as a family), would like to see the coal seam gas project shelved altogether. Further testing will only result in lies and cover up of the real environmental damage that will eventuate.

Toxic chemicals which remain in the soil will be harmful to plant and animal life, our water system, and us, the people, in the future. People will be getting sicker, a lot faster. Have we, as Australians, sunk this low? Truly? Humans will be killed off, due to financial greed. If this is put in place, it will effect liberal voters, ALG supporters, and overall, our existence.

We don't want the Coal Seam Gas project in our area- Campbelltown, Menangle, Camden, our state, or... ANYWHERE IN THIS COUNTRY! This needs to be stopped because there will be law suits and all hell will break loose if it isn't. It is already starting.

The Holovinsky Family

From: Jane Hope <Jane@ipdemo.com.au>
To: <plan_comment@planning.nsw.gov.au>
Date: 1/26/2013 12:29 pm
Subject: Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS: St Peters NSW

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,
Jane Hope

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 Sugarbush 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 potential pollution risks to Sydney's water in general, and in the South West in particular, 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 going on to the Sydney Hills Association, which does not know where the Camden Gas field is, probably Sydney Harbour. Potential leaks on Sydney Harbour, on the nearby Sydney Wharf, Lachlanmeals and AGL's proposed to run to the gathering pipeline along Sydney's water lands or subsoil and etc. have numerous risks to Sydney's water and are a source of pollution, AGL's for the Sydney Hills Association.

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 NSW's gas needs are already met and work in the immediate affected area, and this is in Sydney's south west growth corridor, 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	Deborah House
Address	Cr- 83 Vega St Rusby NSW 2212
Signature	Deborah House
Date	5/2/13.



PCU041308

Department of Planning
Received

6 FEB 2013

Scanning Room

Dear Director of Mining & Industry
Projects N.S.W.

Submission Opposing AGL Coal Seam
Gas (AGL-CSG) Camden Gas Project
Northern Expansion (Stage 3)
Project Application No 090048.

I totally oppose the (AGL-CSG) project
in the Camden area, there is more than
enough pollution in Camden and southwest
Sydney, without AGL adding to it

Yours Faithfully
Max Howard.

P.O. Box 16. CAMDEN.

NSW. 2570.

1/2/2013.

L. Howard (Refuse).

From: Shona Howarth <shona.howarth@gmail.com>
To: <plan_comment@planning.nsw.gov.au>
Date: 2/7/2013 10:15 am
Subject: Don't Sacrifice Greater Western Sydney to Coal Seam Gas

Currently: 16 Myall St, Tea Gardens NSW 2324
Formerly: 34 Sunnyside Cres, North Richmond NSW 2754

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

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

It is time for our community leaders to think LONG TERM and 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 any and ALL proposals by AGL to drill ANY new coal seam gas production wells on the grounds of severe risk to the environment and human health as identified in reports from Queensland and overseas show that there are serious risks to air quality and human health from unconventional gas drilling. Whilst there have been no detailed studies done to quantify those risks especially in urban areas!!! The people of Australia should not be treated like guinea pigs in a coal seam gas experiment.

Furthermore, 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. Furthermore:

- 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. These alternatives should be the FIRST course of action - NOT THE LAST!

Yours sincerely,
Shona Howarth

From: Conor Howie <Killiehowie@hotmail.co.uk>
To: <plan_comment@planning.nsw.gov.au>
Date: 2/8/2013 12:13 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,
Conor Howie

From: Noreen Chan <noreen.fait@gmail.com>
To: <plan_comment@planning.nsw.gov.au>
Date: 2/7/2013 10:13 pm
Subject: Submission against CSG
Attachments: Pro_Forma_Submission_CGP3.pdf

Dear Sir/Madam,

Please find attached my submission that demonstrates my objection to the practice of Coal Seam Gas mining in NSW in particular in the Camden area.

Thank you for your consideration.

Regards
Noreen Fait

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	Tania Hrbacek
Address	137 Bedford St, Newtown NSW 2042
Signature	Tania Hrbacek
Date	7/2/2013



Department of Planning
Received
6 FEB 2013
Scanning Room

5 MAGNOLIA MEWS
MOUNT ANNAN

1.2.13

To whom it may concern,

My family and I moved to Mount Annan 18 yrs ago. There were lots of green hills and not many houses. Lots of wildlife here as well. However over the years alot has changed.

Many, many new homes and estates, new schools and day care centers. Lots of families come out here because it's a very nice area, fresh air, parks even a botanical garden. We do not want this all to change because of your don't care about us attitude.

We do not want this happening on our door steps. We don't want the value of our homes to fall. We all want to stay in good health because of fresh air and clean water.

I'm sure you understand how we all feel.

Please, NO COAL SEAM GAS

Honestly don't you feel the same way about your family + home.

No PROBLEMS FOR US PLEASE

Thankyou.

J. G. Hudson

"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

"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 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

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"Sample Submission no. 1 – ALL SUBURBS"

Prepared by Narellan Action Group

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OUR OPPOSITION TO AGL Coal Seam Gas Expansion

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THE DIRECTOR, MINING AND INDUSTRY PROJECTS

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

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"without prejudice"

Dear Director of Mining and Industry Projects NSW,

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Project Application No. 09_0048

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From: Julie Hunt <julie.105@live.com>
To: <plan_comment@planning.nsw.gov.au>
Date: 1/9/2013 8:25 am
Subject: Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS:

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

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

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

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

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

Yours sincerely,
Julie Hunt

From: Helen Hunt <hhunt11@bigpond.com>
To: <plan_comment@planning.nsw.gov.au>
Date: 2/3/2013 7:10 pm
Subject: Opposition to AGL Coal Seam Gas-Camden Gas Project-Northern Expansion

Dear Director of Mining and Projects NSW

I have lived in St Andrews for 35 years and am totally opposed to this fracturing under our homes. Why have these areas in particular been targeted for your experiments? Why cant this be done, if absolutely necessary in areas where there are no people, why choose areas where people live and you have to contend with so much opposition? How are you so sure its a safe procedure, how can you guarantee that it wont affect our water supplies in the future? If you're using concentrated acids and biocides how do you know what reaction it will have with the coal and sandstone seams underneath our homes. Potential health risks must be of utmost importance to everyone, please reconsider.

Helen and Roy Hunt

From: danielle hutchinson <dhutch3@hotmail.com>
To: <plan_comment@planning.nsw.gov.au>
Date: 1/31/2013 8:30 pm
Subject: Project Application No. 09_0048

Dear Director of Mining and Industry Projects NSW,

RE: Submission Opposing AGL Coal Seam Gas (AGL_CGS)
Camden Gas Project - Northern Expansion (Stage 3)
Project Application No. 09_0048

I am writing to submit my opposition to the AGL Coal Seam Gas Expansion on a number of grounds. The long term consequence of mining in urban areas has not been adequately researched over a long enough period of time for me to feel that this is without risk of adverse consequence to the community. The "fracing" technology which will possibly be used in the future does have some evidence of poor outcome when not properly managed. I feel that allowing any sort of expansion of CSG mining in this area is putting my family, my community, and our environment at unacceptable risk.

Recently the Nepean River flooded the gas well at Menangle. Surely the burden of evidence should rest with the companies to prove that this has had no impact on the waterway and the local environment? We do not want to wait for irreparable damage to the Nepean waterway to decide that this has been a bad idea.

This area does have some experience with mining under our houses and businesses. This has resulted in a problem with subsistence - houses shifting and dropping causing huge amounts of damage. The Mining Subsistence Board then attempts afterwards to fix the house at huge inconvenience and loss of value for the owners. How can it be guaranteed that this will not happen under our homes and businesses with this expansion of AGL CSG Mining?

We need long term research showing that this can be done safely under and around urban areas - we do not want or deserve to be the first guinea pigs. There is a documented 7% increase of methane gas when University of

QLD researchers tested air quality in the gas fields, which is assumed to be directly related to leakage from the well head. Industry "best practice" is 4%, which I believe to be still too high for a poisonous greenhouse gas in an area where we live, work and go to school.

I have a business in Camden that has approximately 150-200 residents through the doors each week. People are very concerned about the impact that this will have on our future, and the growing consensus is that we have been let down by the people in power who we have elected to represent our best interests.

The other impact on our quality of life is the industrialisation of our suburbs. In Camden we are proud "country town" outlook and history. With the proposed expansion, there will be noise pollution from the drilling and trucks, trucks will be driving through urban areas causing an increase in air pollution. There will have to be ponds for the water to stand in.

Again, may I reiterate my total opposition to the AGL CSG Camden Expansion Proposal, and I expect that all consenting authorities do likewise.

Please reply to confirm that you have received my submission.

Yours sincerely,

Dani Hutchinson
9 Alpha Rd
Camden NSW 2570

"Sample Submission no. 1 – ALL SUBURBS"

P

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PCU041171

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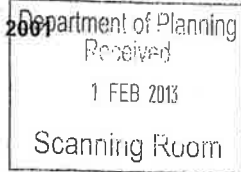
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