Karen Wagner <shirralee1@gmail.com> <plan comment@planning.nsw.gov.au>

To: Date:

12/13/2012 8:35 am

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS: 80 Myocum Downs Drive, Mullumbimby, N.S.W, 2482

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

Yours sincerely, Karen Wagner

marie wagner <|wagner@bigpond.net.au>

To: Date: <plan_comment@planning.nsw.gov.au>

Date:

12/14/2012 7:10 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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Yours sincerely, marie wagner

Rendall Wagner <rendallwagner@gmail.com>

To:

plan_comment@planning.nsw.gov.au

Date:

12/19/2012 8:29 am

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

PO Box 6201

WEST GOSFORD NSW 2250

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

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Jo Wake <jolouwake@hotmail.com> <plan_comment@planning.nsw.gov.au>

To: Date:

12/12/2012 10:52 pm

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS: 40 Canowindra St, Jindalee Qld. 4074

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

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Yours sincerely, Jo Wake

angela walch <angelawalch@optusnet.com.au>

To:

plan_comment@planning.nsw.gov.au

Date:

12/20/2012 1:54 pm

Subject:

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Yours sincerely, angela walch

Pritpal Walia <pritpalw@gmail.com> <plan_comment@planning.nsw.gov.au>

To: Date:

12/13/2012 1:08 pm

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS:

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Yours sincerely, Pritpal Walia

Yola Walicka <yolawa@exemail.com.au> <plan_comment@planning.nsw.gov.au>

To: Date:

12/13/2012 10:08 pm

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

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Yours sincerely, Yola Walicka

Julia Walkden <jwalkden@tpg.com.au> <plan comment@planning.nsw.gov.au>

To: Date:

12/17/2012 8:06 pm

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS:

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Yours sincerely, Julia Walkden

Clay Preshaw - Submission Ministry and Mining Programs

From: To:

becky walker <mermai2@yahoo.com> <plan comment@planning.nsw.gov.au>

Date:

12/9/2012 1:39 PM

Subject: Submission Ministry and Mining Programs

Dear Manager,

I am concerned that the proposed Coal Seam Gas expansion in the Campbelltown and Camden area will adversely affect the wildlife, as well as create far more pollution and toxic waste than is admitted to by the mining industry. I am also worried about property values in the area.

Independent scientific testing on coal seam gas mining has found the risk of high levels of pollutants and these studies taken into account when planning for new mines, such as research by Damien Maher at Southern Cross University, or testing by an independent laboratory http://www.smh.com.au/environment/water-issues/tests-reveal-contaminated-water-near-gas-site-20111208-1oldj.html

I am opposed to any coal seam gas expansions or new sites in my area. I live at 5.37 Kingsclare St Leumeah NSW

Yours sincerely

Dr Becky Walker

Julie Walker <walkerjulie282@y7mail.com> <plan_comment@planning.nsw.gov.au>

To: Date:

12/12/2012 4:46 pm

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS:

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Yours sincerely, Julie Walker

Terry Wall <tj.wall@bigpond.com>

To:

<plan_comment@planning.nsw.gov.au>

Date:

12/12/2012 10:24 pm

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

12th December 2012

Unit 6 53 Ronald Ave Shoal Bay 2315 NSW

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

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Terry Wall

Yours sincerely, Terry Wall

lan Wallace <irwally7@gmail.com>
<plan comment@planning.nsw.gov.au>

To: Date:

12/17/2012 8:51 pm

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS: 19 Baden Street COOGEE 2034

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

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Yours sincerely, lan Wallace

M Wallace <Margaret.wallace97@gmail.com>

To:

<plan_comment@planning.nsw.gov.au>

Date:

12/12/2012 7:06 pm

Subject:

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Yours sincerely, M Wallace

Genevieve Waller < genevievewaller 18@gmail.com>

To:

<plan_comment@planning.nsw.gov.au>

Date:

12/12/2012 7:54 pm

Subject:

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Dan Walsh <walshdaniel8@gmail.com> <plan_comment@planning.nsw.gov.au>

To: Date:

12/13/2012 10:12 am

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS: 289 Tagigan Rd, Goomboorian, QLD 4570

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Yours sincerely, Dan Walsh

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

p044a005

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 cofunded 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, 2012-12-14 14:40

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

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

Yours sincerely

Name	Sheree Walsh
Address	8 Siddleey Place
	Raby
Signature	S.D. Walsh
Date	14/12/12

Ben waples

bennett0881@hotmail.com>

<plan comment@planning.nsw.gov.au>

To: Date:

12/13/2012 12:26 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.
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- The impacts of horizontal drilling have not been adequately considered in the Environmental Assessment.
- There are alternatives to coal seam gas, including renewable energy which can offer energy security without the unacceptable environmental and health risks posed by coal seam gas extraction.

Yours sincerely, Ben waples

toni Warburton <toni.w@zip.com.au> plan_comment@planning.nsw.gov.au

To: Date:

12/19/2012 8:46 pm

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS:

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

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Yours sincerely, toni Warburton

Andy Ward <andrewsidward@hotmail.com> <plan comment@planning.nsw.gov.au>

To: Date:

12/12/2012 8:30 pm

Subject:

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MY ADDRESS:

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

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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.

Yours sincerely, Andy Ward

Claire Ward <claire.ward@optusnet.com.au>

To: Date: <plan_comment@planning.nsw.gov.au>
12/17/2012 5:19 pm

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS:

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

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Yours sincerely, Claire Ward

julie Ward <juelwa@hotmail.com>

To:

<plan_comment@planning.nsw.gov.au>

Date:

12/18/2012 1:00 am

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS:

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

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Yours sincerely, julie Ward

Majidi Warda <Alchemia.calendula@gmail.com>

To:

<plan comment@planning.nsw.gov.au>

Date:

12/17/2012 9:53 pm

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

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

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Yours sincerely, Majidi Warda 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 cofunded 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 <u>not</u> already contributed to this or that it can be managed in the future,

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

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

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

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

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

Yours sincerely

Name	JOAN WARDALL
Address	14 MERINO DRIVE ELDERSLIE
Signature	Alandall 2570
Date	VIGTH DECEMBER 2012

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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Name
Address

Signature

Date

Name

AUVOR ATHY WATE

COBBITTY

N SW

15 (2)

Peter Warne <Peterwarne@yahoo.com.au>

To: Date: plan_comment@planning.nsw.gov.au

Date.

12/18/2012 5:16 pm

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS:

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

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- 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.

Finally, I suggest that self-interest alone would make you VERY cautious about giving free rein to CSG fracking companies, whether in metropolitan areas or in rural areas such as the northern Rivers where I live. In our area there is an unprecedented sharing of common concern between farmers, greens and just about everyone else over this reckless selling out of our most precious assets - farming land, touristic potential among others. If/when this goes ahead and the inevitable damage is done, YOU WILL NOT BE FORGIVEN.

Yours sincerely, Peter Warne

gregory warren <gregowarren@gmail.com> <plan_comment@planning.nsw.gov.au>

To: Date:

12/17/2012 11:16 am

Subject:

Submission-Camden Gas Project Stage 3, Project Application 09_0048,

NORTHERN EXPANSION OF THE CAMDEN GAS PROJECT

Attachments: CSG Submission.pdf

*Attention: Mr Clay Preshaw

*Dear Sir,

*Re: Camden Gas Project Stage 3, Project Application 09_0048, **NORTHERN EXPANSION OF THE CAMDEN GAS PROJECT

My name is Greg Warren and I currently live in Mount Annan with my wife and two children; i am also employed at Campbelltown as well as a current Camden Councillor.

I submit my objection to AGL's project application 09_0048 to mine for coal seam gas (CSG) in Campbelltown and Camden as attached.

Please feel free to contact me if you have any queries.

Greg warren 0448 257840

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

14th December, 2012

Attention: Mr Clay Preshaw

Dear Sir.

Re: Camden Gas Project Stage 3, Project Application 09_0048, NORTHERN EXPANSION OF THE CAMDEN GAS PROJECT

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I submit my objection to AGL's project application 09_0048 to mine for coal seam gas (CSG) in Campbelltown and Camden. I am concerned that CSG mining is a technologically-evolving industry which impacts have not been independently and scientifically fully researched and subsequently remain largely unknown.

Evidence to the NSW Upper House and Senate Inquiries into Coal Seam Gas Mining in 2011 and by subsequent research here and overseas further validates my concerns as to the unfound scientific ramifications and potential environmental, health and social outcomes that could affect both future and existing families and businesses in the Camden Local government.

I am also concerned that we have had to rely on the industry for much of our information when the industry has an interest in the outcome. I acknowledge that AGL has been operating under an Environmental Protection Licence (EPL No. 12003) that allows the self-monitor of its own compliance; this fundamental alone concerns me in terms of conflicting interest and the accountability of any findings and/or indeed the process of monitoring.

I make reference to the 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.

The impacts on groundwater and air quality I feel have not been adequately monitored specifically in terms of a 'before and after' process. I am particularly concerned as to the effect as to our own local water quality given the locality of our LGA being in the close location to the Nepean and George's river catchment area. The National Water Commission in its Position Statement (3rd December 2010) said that impacts may emerge over a long time period. In addition, I note concerns acknowledged by Doctors for the Environment Australia claims that health impacts from CSG mining have not been assessed.

I acknowledge and endorse my support for Camden Councils submission that was carried unanimously at its meeting dated 11th December 2012 that makes specific reference to wells CU22, CU02, CU06 and CU10. My concerns surrounding these wells are broad and varying however my fundamental concern is there location to residential areas and the effect they may have on existing and future residents.

The proposed (or reserved approach) for fracking of horizontal wells is untested in this case; It will therefore be entirely experimental with unknown outcomes on health and property including the possibility of subsidence under so many urban properties. The potential of this process occurring under existing and proposed residential homes sincerely and seriously concerns me in many and varying ways; mostly any potential effect on our kids and families

In conclusion, whether or not CSG mining has any ramifications / effects or indeed doesn't have any effects is clearly unknown and unfounded as an outcome to what i feel is a lack of insufficient independent research. However do acknowledge and remain concerned with the scientific findings to date that have indicated the negative health and environmental affects as an outcome. Either way, I am not willing to take the word of the applicant who is essentially the industry provider which also in my view clearly has a one-sided vested interest regarding CSG.

If you have any questions, please do not hesitate to contact me on 0448257840 or gregowarren@gmail.com.

Yours Sincerely,

Greg Warren

4/12/12

Sally Warren <Salw@numberworks.com> <plan comment@planning.nsw.gov.au>

To: Date:

12/17/2012 4:10 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.
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- The impacts of horizontal drilling have not been adequately considered in the Environmental Assessment.
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Yours sincerely, Sally Warren

david warwick <davidwarwick77@gmail.com>

To:

<plan_comment@planning.nsw.gov.au>

Date:

12/12/2012 10:20 pm

Subject:

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Yours sincerely, david warwick

Vera Wasowski <verawasowski@me.com> <plan comment@planning.nsw.gov.au>

To: Date:

12/15/2012 10:14 am

Subject:

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Yours sincerely, Vera Wasowski

Sabina Waters <Missbean@live.com> <plan_comment@planning.nsw.gov.au>

To: Date:

12/13/2012 8:39 am

Subject:

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Yours sincerely, Sabina Waters Pam Watkin, 28 The Watermark Mount Annan NSW 2567 PCUD40079

12th December, 2012

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

Department of Planning Received 17 DEC 2012 Scanning Room

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 ongoing 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

Pam Watkin

28 The Watermark, Mount Annan, NSW, 2567

Pam Warkin

12th December, 2012

John Watkins <johnwa1944@gmail.com> plan comment@planning.nsw.gov.au

To: Date:

12/19/2012 12:26 pm

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

1826 Collins Creek Road COLLINS CREEK 2474

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

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- The lack of detailed baseline studies for air,water and soil prior to a well being drilled is negligent in the extreme. The Community needs to be protected with extensive research being done in each area prior to any production wells being drilled.
- 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, John Watkins

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

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Name	LYMNE WASTS
Address	43 MACLERY ST BRADBURY 284
Signature	I forme Ill att
Date	12 - 12 - 2012

Guy Waugh <guywaugh55@gmail.com> <plan comment@planning.nsw.gov.au>

To: Date:

12/13/2012 9:18 pm

Subject:

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SYDNEY NSW 2001

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SUE WAY
55 MACMETHUR RD
CAMBEN 2570
Shay
16 December 2012.

New South Wales Government

Department of Planning

Skip to content

Home > Development Assessments > Major Project Assessments

Milton Wearing, of campbelltown NSW, made the following submission on the project:

Camden Gas Project Stage 3 Northern Expansion



Objects to this project

I strongly disagree with proposed installation of gas wells in the Campbelltown suburbs until all avenues relating to pollution effects to the public have been fully explored and completely satisfies all safety criteria

Lynn Webber <lynnwebber1949@hotmail.com>

To:

<plan comment@planning.nsw.gov.au>

Date:

12/12/2012 8:10 pm

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

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Yours sincerely, Lynn Webber To:
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Department of Planning
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Yours sincerely

Name	CUNQ JA WEBSTER
Address	12 CRISPSPARILLE DRIVE
	AMBARUALE NSW 2560
Signature 	Glebos.
Date	10/12/12

Richard Welker <rpwelker@yahoo.com>plan_comment@planning.nsw.gov.au

To: Date:

12/20/2012 2:07 am

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS: PO Box 31704 Santa Fe, NM 87594

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, Richard Welker

Caitlin Welsh <caitlinxwelsh@gmail.com> <plan_comment@planning.nsw.gov.au>

To: Date:

12/12/2012 4:04 pm

Subject:

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

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Name	F. WELSY	
Address	9 JAMAICA PK KD	
	CAU DEN	
Signature	J. E. Melen	
Date	16-12-12	

"Eddie Wendt" <ewendt@iinet.net.au>

To:

"Camden Gas Project 09 0048" <plan comment@planning.nsw.gov.au>

Date:

12/14/2012 9:44 pm

Subject:

Camden Gas Project Stage 3, Project Application 09_0048

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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Edmond WENDT

20 Acacia Avenue

RUSE NSW 2560

"Eddie Wendt" <ewendt@iinet.net.au>

To:

"Camden Gas Project 09 0048" <plan comment@planning.nsw.gov.au>

Date:

12/14/2012 9:45 pm

Subject:

Camden Gas Project Stage 3, Project Application 09_0048

To:

Mining and Industry Projects

Department of Planning

GPO Box 39

SYDNEY NSW 2001

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Name	Sylvester Werczynski
Address	6 Wickfield Circuit, AMBARVALE NSW 2560
Signature	nn-
Date	11/12/2012

ron Werner <ronald.werner@bigpond.com> <plan_comment@planning.nsw.gov.au>

To: Date:

12/17/2012 2:33 pm

Subject:

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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.

Yours sincerely, ron Werner

Alana West <alanawest90@gmail.com> <plan comment@planning.nsw.gov.au>

To: Date:

12/14/2012 9:35 am

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS:

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

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

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Yours sincerely, Alana West

DALE WEST <dalewest@people.net.au> <plan comment@planning.nsw.gov.au>

To: Date:

12/14/2012 12:47 pm

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS:

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

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Yours sincerely, DALE WEST

Jon West <silver_bullet_05@hotmail.com> <plan comment@planning.nsw.gov.au>

To: Date:

12/15/2012 7:31 pm

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

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Yours sincerely, Jon West

Sam West <samwest05@hotmail.com> <plan comment@planning.nsw.gov.au>

To: Date:

12/14/2012 9:24 am

Subject:

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Yours sincerely, Sam West

Susan West <swe35859@bigpond.net.au> <plan_comment@planning.nsw.gov.au>

To: Date:

12/13/2012 11:34 am

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

31 Rosehill Place BRANXTON NSW 2335

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

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Yours sincerely, Susan West

William West <william.west4@bigpond.com>

To:

<plan_comment@planning.nsw.gov.au>

Date:

12/13/2012 8:41 pm

Subject:

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Yours sincerely, William West

Tanya Wester <tanyamwester@yahoo.com.au>

To:

<plan_comment@planning.nsw.gov.au>

Date:

12/16/2012 8:28 pm

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS:

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Yours sincerely, Tanya Wester New South Wales Government

Department of Planning

Skip to content

Home > Development Assessments > Major Project Assessments

Signe Westerberg, of Business and land owner, made the following submission on the project:

<u>Camden Gas Project Stage 3 Northern Expansion</u>



Objects to this project

Dear Sirs,

I would like to raise my serious and adamant objections to the proposed CSG mining in Camden and NSW generally.

The blatant disregard for the safety of the immediate generation AND the future is beyond belief. Insufficient research and study has been done to establish the long term affects of this outrageous plan and the impacts on both air and water. Recent releases of Gas in the Nepean district highlights the absolute travesty to our environment that mining such as this can do.

I am horrified that any government could be so lackadaisical with our water supply, the health and safety issues of residents and the obvious air pollution associated with CSG. I also request that a moratorium across the state be installed until such times as the government can assure the safety of residents, the water supply and the air quality associated with CSG.

Recent studies in the US indicate there is little to be said for the proposed financial outcomes and that considering the impacts and costs of installation there is no proof that CSG is a cheap resource and in actual fact if proves much more expensive than wind and solar or geo thermal.

Residents vote for governments they believe will look after their best interests, not chase a quick buck.

Sirs, I cannot more sincerely request this project be denied until real and sufficient studies to the long term affects are clear. A complete moratorium is necessary until this is PROVEN safe.

Our water, our air, our children deserve protection and as the present government of our state it is your duty to do that, and allowing CSG anywhere in NSW until those comprehensive and INDEPENDENT studies are complete.

Sincerely,

Kim Weston kimang@whale-mail.com kimang@whale-mailto:kimang@whale-kimang@whale-mailto:kimang@whale-kimang@whale-kimang@whale-kimang@whale-kimang@whale-kimang@whale-kimang@whale-kimang@whale-kimang@whale-kimang@whale-kimang@whale-kimang@whale-kimang@whale-kimang@whale-kimang@whale-kimang@whale-kimang@whale-kimang@whale

To: Date:

12/13/2012 5:59 am

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS: 103 Kings Rd, Federal, NSW

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Yours sincerely, Kim Weston

Robert Weston Weston < weston446@skymesh.com.au>

To:

<plan comment@planning.nsw.gov.au>

Date:

12/12/2012 11:00 pm

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS: 1698 Boonah-Rathdowney Rd. Croftby 4310

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I don't live in the area concerned, but I am very unhappy about CSG drilling and fracking happening without sufficient scientific evidence to prove that it poses no threat to both the environment and to us, the people who have to live with the threat of contaminated water and air. Please stop it, or at least have Base Line testing done before any mining / drilling is allowed.

Yours sincerely, from a very concerned Australian. Robert Weston

Sue Wetherell <suenfooty@gmail.com> <plan comment@planning.nsw.gov.au>

To: Date:

12/12/2012 9:43 pm

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

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Yours sincerely, Sue Wetherell

Georgina Whaley <george.whaley@harboursat.com.au>

To:

<plan_comment@planning.nsw.gov.au>

Date:

12/13/2012 5:49 pm

Subject:

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Yours sincerely, Georgina Whaley

Anne Wharton <whartonanned@gmail.com> <plan comment@planning.nsw.gov.au>

To: Date:

12/16/2012 8:32 am

Subject:

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Yours sincerely, Anne Wharton To:
Mining and industry Projects
Department of Planning
GPO Box 39
SYDNEY NSW 2001

Dear Sir/Madam

Re: Camdon Gas Project Stage 3, Project Appl

l object to AGL's project application 09_0048 t and Camden. The key reasons for my objection

i am concerned that CSG mining is a technologe not been independently and scientifically fully view is supported by professional organisation house and Senate inquiries into Coal Seam Galbere and overseas. We have had to rely on the here and overseas. We have had to rely on the the industry has a vested interest in the outcomes of the following on groundwater and air quality have not been operating under an Environmental Protection to self-monitor its compilance, self-investigate know what true impacts it may have had. This that are engaged and paid for by the industry funded research by the CSG mining industry. It asbestos in Australia and with 'Big Tobacco' in its Position Statement (3th December 2010) saperiod. I am deeply concerned that the costs community and taxpayers after AGL is long go

been assessed. Preliminary research from Que in Tara) and overseas is deeply concerning, expected from the production wells (evidence from the NSW Upper House Inquiry water in particular. AGL claims that the use of reduce the need for fracking, but it seems that the right to frack these wells in the future if/water of the proposed well clusters and any fraction of the proposed in the possibility of substants of the property including the possibility of substants.

I am also concerned about evidence from Que cumulative impact of AGL's expansion into an unacceptable levels of air pollution (oxone an problems (NSW Environmental Protection Auconfidence that it has DQL already contributed having admitted in August this year that it had Rosalind Park Gas Treatment Plant for three ye

Allowing CSG mining in areas that are not zone and confidence in the planning process, and control and confidence in the planning process, and control and inequity. It will disrupt religious been protected by the Scenic Hills zoning; it works are capacity to cope is severely reduced by entire historic Scenic Hills), and it is unsightly; escalation in CSG mining incidents and accident activity (traffic, people etc.), the presence of consequent impact on land and house values devastating. For many people the home is the small business. Any devaluation by bank asses

I do not believe that the NSW Government's is safe operation here. As the only commercially project has already been operating under connot been able to ensure compilance, as evider conditions, and the discovery of incidents that for community vigilance, such as the Sugarios allowed well contents to drift over Sydney's w

The proposal poses risks to Sydney's water in have not been adequately assessed. While AG well known, AGL's rationale for the constant of Project seems to contradict this, as does its ac does not know where the aquifers here run to on Sydney Harbour, on the nearby Sydney Wagas gathering pipeline along Sydney's Upper C Sydney's water, and are an abuse of public pro

AGL will only ever produce about 5% of NSW': evidence it gave under both at the NSW Uppe and potential costs to the community, particular the immediate affected area, and this is in the environmentally and economically unjustified

l acknowledge that my name will appear on m

Yours sincerely

Name	Lauren Wheeler		
Address	12 Forcester Clos		
Signature	1-2		
Date	(11 12 1 12		

To: Date: <plan comment@planning.nsw.gov.au>

12/12/2012 11:31 pm

Subject:

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Yours sincerely. Brian Whelan

James Whelan <james@thechangeagency.org>

To:

<plan comment@planning.nsw.gov.au>

Date:

12/17/2012 9:14 pm

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS:

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

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

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

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

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

Yours sincerely, James Whelan

Judy Whistler <whistlerkerr@skymesh.com.au>

To:

<plan comment@planning.nsw.gov.au>

Date:

12/13/2012 11:25 am

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS: 248 Spinach Creek Road Fordsdale . Qld. 4343

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 quinea pigs in a coal seam gas experiment.
- People's homes should not be undermined by coal seam gas drilling without their knowledge or permission.
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- Despite research from the Queensland and the US suggesting ground water contamination and gas leaks from fracking, the proposal by AGL will allow fracking.
- The impacts of horizontal drilling have not been adequately considered in the Environmental Assessment.
- There are alternatives to coal seam gas, including renewable energy which can offer energy security without the unacceptable environmental and health risks posed by coal seam gas extraction.

Though we are currently in Queensland, our home is in Lismore and we have very great concerns for what is happening in the great State of New South Wales.

Yours sincerely, Judy Whistler

Claire-Maree White <cmwhite@iinet.net.au> <plan comment@planning.nsw.gov.au>

To: Date:

12/14/2012 7:53 am

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS:

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

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

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

Yours sincerely, Claire-Maree White 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 Inquirles 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 cofunded 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 <u>not</u> 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	DALK WHITE	
Address	7 CORUNAA ALR	
	LEUMEAU PS-> 2560	
Signature	の人のいは	
Date	10/12/12	

Jeremy white <jmwhite@iinet.net.au> <plan comment@planning.nsw.gov.au>

To: Date:

12/12/2012 10:39 pm

Subject:

Don't Sacrifice Greater Western Sydney or the Northern Rivers 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:

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

Yours sincerely, Jeremy white

John White <patjohnw@bigpond.com> <plan comment@planning.nsw.gov.au>

To: Date:

12/13/2012 7:09 am

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS: 9, Harvestview Place, Fairy Hill, NSW 2470

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.

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Yours sincerely, John White

Patricia White <pj-patjohnw@bigpond.com> <plan_comment@planning.nsw.gov.au>

To: Date:

12/13/2012 8:36 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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Yours sincerely, Patricia White

Wendy White <wendy5@aapt.net.au> <plan comment@planning.nsw.gov.au>

To: Date:

12/17/2012 6:28 pm

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS:

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

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Yours sincerely, Wendy White

Yenara White <9043@trinitylismore.nsw.edu.au>

To:

<plan_comment@planning.nsw.gov.au>

Date:

12/17/2012 7:40 pm

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS:

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

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Yours sincerely, Yenara White

Linda Whitefeather < lwhitefeather 0@gmail.com>

To:

<plan_comment@planning.nsw.gov.au>

Date:

12/17/2012 9:38 pm

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS: 12 Chilcott Street, Lismore, 2480

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

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Yours sincerely, Linda Whitefeather

Frances Whitfield <frances@viz.com.au> <plan_comment@planning.nsw.gov.au>

To: Date:

12/17/2012 1:50 pm

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS:

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Yours sincerely, Frances Whitfield

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

Dear Sir/Madam

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

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

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

Yours sincerely

Name	M. WHITMORES
Address	458 ACACIA AUE
	RUSE NEW 2560
Signature	allik-
Date	10.12-12.

Phil Whitney <phil.whit@hotmail.com> <plan_comment@planning.nsw.gov.au>

To: Date:

12/18/2012 9:46 am

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS: 72 Mann Street, Nambucca Heads, 2448

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

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

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

Yours sincerely, Phil Whitney

John Wiggin <pso795@iprimus.com.au> <plan comment@planning.nsw.gov.au>

To: Date:

12/13/2012 9:29 am

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

11, Wullun Close,

North Gosford. NSW 2250

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

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

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

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

- Reports from Queensland and overseas show that there are serious risks to air quality and human health from unconventional gas drilling. However there have been no detailed studies done to quantify those risks especially in urban areas. The people of Camden and Campbelltown should not be treated like guinea pigs in a coal seam gas experiment.
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Yours sincerely, John Wiggin

Keith Wiggins <wigginskeith@hotmail.com> <plan comment@planning.nsw.gov.au>

Date:

To:

12/17/2012 3:59 pm

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

186, Hobart rd; Kings Meadows, Tasmania, 7249

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

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

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Yours sincerely, Keith Wiggins

Ben Wild <benwwild@hotmail.com>

To:

<plan_comment@planning.nsw.gov.au>

Date:

12/17/2012 6:06 pm

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS:

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

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Yours sincerely, Ben Wild

Donna Wild <donnawild@live.com>

To:

<plan_comment@planning.nsw.gov.au>

Date:

12/13/2012 10:26 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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Yours sincerely, Donna Wild

Margaret Wiles <margaretwiles@aapt.net.au>

To:

<plan_comment@planning.nsw.gov.au>

Date:

12/16/2012 7:41 am

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS: 8 Brandon Street Suffolk Park NSW 2481

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

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Yours sincerely, Margaret Wiles

linzi wilkinson <linziw@magnesiummedia.com>

To:

<plan comment@planning.nsw.gov.au>

Date:

12/12/2012 10:33 pm

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS: 51 Trawalla street The Gap 4061

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

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Yours sincerely, linzi wilkinson

Max Wilks <maxellent@iprimus.com.au> plan_comment@planning.nsw.gov.au

To: Date:

12/21/2012 4:49 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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Yours sincerely, Max Wilks

Debra Willett <waterspaniel@westnet.com.au>

To:

<plan_comment@planning.nsw.gov.au>

Date:

12/13/2012 12:38 pm

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS:

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Yours sincerely, Debra Willett New South Wales Government

Department of Planning

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Home > Development Assessments > Major Project Assessments

Angela Williams, of Kearns NSW, made the following submission on the project:

Camden Gas Project Stage 3 Northern Expansion



Objects to this project

I totally object to such an expansion going ahead. The long term effects of drilling coal seam gas wells are still unknown. Science has not determined that coal seam gas can be mined without causing irreparable damage to the environment and to communities. There are widely reported accounts of ill health caused by coal seam gas. For example, the Tara and Chinchilla QLD mines, residents have contacted media organisations and reported a wide variety of health problems that have occurred following the drilling of wells. Experts such as Dr Damian Maher have stated that base line studies need to be conducted prior to new coal seam gas wells being drilled. There is some evidence that gases and chemicals escape from the wells and poison the environment and inhabitants surrounding the wells. These sort of studies are only in their infancy, however the responsible action to take is to place a moratorium on all new wells and have an independent body conduct the studies. It is safer to defer than go in blindly and risk the health of my children and the environment we live in. Please do not approve the expansion.

Annette Williams <seam@westnet.com.au> <plan_comment@planning.nsw.gov.au>

To: Date:

12/15/2012 7:11 am

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS:

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

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

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Yours sincerely, Annette Williams New South Wales Government

Department of Planning

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Home > Development Assessments > Major Project Assessments

Chris Williams, of Wombarra NSW, made the following submission on the project:

Camden Gas Project Stage 3 Northern Expansion



Objects to this project

I strongly object to this expansion because:

- * The Scenic Hills are zoned Environmental Protection, prohibiting extractive industries and mines. State legislation allows this to be ignored and this development will industrialise an environmentally protected area.
- * AGL`s main gas gathering pipeline will run beside the Upper Canal, part of Sydney's drinking water catchment. AGL also do not know where the aquifers in the area flow to but "probably Sydney Harbour".
- * AGL is an unsuitable proponent. There has been non-compliance with conditions of the Camden Gas Projects' Environmental Protection Licence each year since it was issued in 2004. AGL has also failed to conduct continuous air monitoring at its Rosalind Park Gas Treatment Plant for 3 years and is now the subject of an investigation by the Environment Protection Authority.
- * CSG mining poses risks to water, land and air that require further research. In this context, no new applications or modifications should be approved and existing projects should be frozen, to conduct an investigation into if and under what conditions CSG mining is safe.

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 cofunded 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 <u>not</u> 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 William's	
Address	3 Swordfish Are	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	Raby NSW 25Tob	
Signature	Dell	
Date	12.12.12	

Delilah Williams <salome delilah@yahoo.com.au>

To:

<plan_comment@planning.nsw.gov.au>

Date:

12/12/2012 9:39 pm

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS: 59 Cathcart ST, Girards Hill, NSW

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

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Yours sincerely, Delilah Williams

J Williams <willo_j@hotmail.com>

To:

<plan_comment@planning.nsw.gov.au>

Date:

12/13/2012 8:52 am

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS:

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jessica williams <jessica43@adam.com.au> <plan_comment@planning.nsw.gov.au>

To: Date:

12/14/2012 8:08 pm

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

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

Yours sincerely, jessica williams

Leigh Williams <leigh.phil467@gmail.com> <plan comment@planning.nsw.gov.au>

To: Date:

12/17/2012 10:17 pm

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

PO Box 2

Rylstone NSW 2849

formerly a resident of Ingleburn (with many friends still living in Ingleburn)

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

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

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

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

- Reports from Queensland and overseas show that there are serious risks to air quality and human health from unconventional gas drilling. However there have been no detailed studies done to quantify those risks especially in urban areas. The people of Camden and Campbelltown should not be treated like guinea pigs in a coal seam gas experiment.
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Yours sincerely, Leigh Williams

Margaret Williams <margaretjwilliams@oneseniors.com.au>

To:

<plan_comment@planning.nsw.gov.au>

Date:

12/12/2012 9:27 pm

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS: 17/163 Willoughby Rd., Naremburn 2065

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. Damage done will never be repaired.
- 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. Support renewable energy for a healthy, clean future.

Yours sincerely, Margaret Williams

Megan Williams <carlo62@optusnet.com.au>

To:

<plan_comment@planning.nsw.gov.au>

Date:

12/12/2012 9:51 pm

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS:

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

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Yours sincerely, Megan Williams New South Wales Government

Department of Planning

Skip to content

Home > Development Assessments > Major Project Assessments

Michael Williams, of Family, made the following submission on the project:

Camden Gas Project Stage 3 Northern Expansion



Objects to this project

Minister, I am a long time resident of Bradbury and on behalf of myself and my family I most strenuously object to this proposal. The technology used in these operations is largely unproven and there is mounting evidence that it is dangerous to human and animal health and has serious detrimental effects on the environment including the water table. We understand the need for energy security but we are also sure that the Macarthur region is not the only area with abundant supplies of this resource and that there must be areas that are far less populated to carry on these operations without posing such a massive risk to the health and safety of both humans and animals and to our environment. To close I will say that we feel that our lives and our environment are not yours to gamble with and any member of any political party who supports this proposal will certainly lose my vote and, if my conversations with my fellow residents ring true, the votes of every right thinking member of the Campbelltown community.

Miranda Williams < Mirandafwilliams@gmail.com>

To:

<plan comment@planning.nsw.gov.au>

Date:

12/17/2012 7:30 pm

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS:

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Yours sincerely, Miranda Williams

Moira Williams <moira.williams@gmail.com> <plan comment@planning.nsw.gov.au>

To: Date:

12/16/2012 12:54 pm

Subject:

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Yours sincerely, Moira Williams

Murray Williams <murrayvwilliams@yahoo.com.au>

To:

<plan_comment@planning.nsw.gov.au>

Date:

12/17/2012 9:58 pm

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS: 21 Johnston Cr, Lane Cove, 2066

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

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Yours sincerely, Murray Williams

Rebecca Willis <beckylee8@hotmail.com> <plan comment@planning.nsw.gov.au>

To: Date:

12/13/2012 10:18 am

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

1/10 Malak Crescent Malak NT 0812

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

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Yours sincerely, Rebecca Willis

Christine Willmot <cwillmot@linknet.com.au>

To:

<plan_comment@planning.nsw.gov.au>

Date:

12/13/2012 6:19 pm

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS:

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

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Harald Wilmsen <haraldw2011@vahoo.com>

To: Date: <plan comment@planning.nsw.gov.au>

12/13/2012 12:12 am

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS:

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

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Yours sincerely. Harald Wilmsen

Alan Wilson

Alan Wilson

Alan Wilson

Alan Wilson

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Alan Wilson

To:

<plan comment@planning.nsw.gov.au>

Date:

12/13/2012 5:25 pm

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS:

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

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Yours sincerely, Alan Wilson Bevin and Ethel Wilson 36 Endeavour Circuit Harrington Park 2567

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

10th December 2012

Dear Sir or Madam,

RE Project: 09 0048

We object strongly to the Coal Seam Gas mining in the Macarthur area. Firstly, it is highly populated with young families who moved out here to raise their children in the fresh semi rural area. With Coal Seam Mining, the gases, water and air pollution is very concerning.

The future of our country, the young children growing up need to be free to enjoy a good healthily life, not one infected with toxins seeping from gas mining in such a populated area. No one knows what effect this will have on the future of our children and environment and that is something I am sure no one wants on their conscience.

We live in the catchments area and are told not to put polluted items down our drains as it will run into the Nepean River and flow into Warragamba Dam. Now, water and silt and other waste products from the mining will also flow in the river and could cause problems to the health of the people and of our children in the future. It will certainly flow into local streams and pollute them and cause the local fauna to suffer and perhaps become extinct in a short time.

Health testing has not been conduced enough and needs to be over a very long period to decide it any of the toxic gases, water and soil leakage cause serious health risks in the future. We have seen and read articles of problems in other areas such as in Tara in Queensland, Narrabri in NSW, and Western Australia. This is very concerning and needs to be attended too. More testing needed and AGL has a duty of care to the people and environment for the future of Australia.

Our other concern is the mining under our homes. The homes built in the Macarthur area are not built to withstand movement under the ground, no matter how small the mine is. Movement will happen over a period of time and we the homeowner will have to pay for reinforcement of the foundations. Having spoken to your spokes person at the meeting in Camden, he said that AGL would cover all damages if that happened and that he was convinced that the area has been built for future mining with reinforcement in the foundations. I told him NO, that is not happening?

Another concern is the devaluation of our homes if gas wells are popping up next door and coal seam mining under our homes, no one want to live near one and certainly not buy our homes for the money they worth. We will not be compensated for the lose of value to our property which will be thousand of dollars.

With all this mining going on, we were told by the AGL spokes person that it is being exported overseas to other countries and not just for Australia? So, we suffer our health, the children's health, and the future of our land, water and air for some overseas country? Just don't seem fair??

With regards,

Ethel and Bevin Wilson

James Wilson <jameswilson25@y7mail.com>

To:

<plan_comment@planning.nsw.gov.au>

Date:

12/12/2012 4:40 pm

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

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Yours sincerely, James Wilson

Melinda Wilson <alan.w10@optusnet.com.au>

To:

<plan_comment@planning.nsw.gov.au>

Date:

12/12/2012 4:41 pm

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

59 Melba Road LALOR PARK NSW 2147

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Michael Wilson <thinkinghat@hotmail.com> <plan_comment@planning.nsw.gov.au>

To: Date:

12/17/2012 5:53 pm

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Serina Wilson <serinawilson@y7mail.com> <plan_comment@planning.nsw.gov.au>

To: Date:

12/12/2012 4:51 pm

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

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

Yours sincerely, Serina Wilson

Sharyn Wilson <sharynwilson@me.com> <plan_comment@planning.nsw.gov.au>

To: Date:

12/12/2012 7:14 pm

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

43 B Chisholm Avenue Clareville 2107

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

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

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

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

- Reports from Queensland and overseas show that there are serious risks to air quality and human health from unconventional gas drilling. However there have been no detailed studies done to quantify those risks especially in urban areas. The people of Camden and Campbelltown should not be treated like guinea pigs in a coal seam gas experiment.
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Yours sincerely, Sharyn Wilson

Skye Wilson <skye.wilson32@yahoo.com> <plan comment@planning.nsw.gov.au>

To: Date:

12/13/2012 5:26 pm

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS:

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

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Yours sincerely, Skye Wilson

Terry Wilson <Terry@aprince.com.au> <plan comment@planning.nsw.gov.au>

To: Date:

12/12/2012 6:35 pm

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS: Town house 4/28 west street north sydney

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

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Yours sincerely, Terry Wilson

Lillian Windisch <palewhitestars@hotmail.com>

To:

<plan_comment@planning.nsw.gov.au>

Date:

12/17/2012 6:22 pm

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS: 8 Bindoon Cl, Elanora Q 4221

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

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Gaye Wingett <bandgwin@bigpond.net.au> <plan_comment@planning.nsw.gov.au>

To: Date:

12/12/2012 8:21 pm

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS:

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

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Yours sincerely, Gaye Wingett

Neale WINTER <nwwinter@telstra.com> plan_comment@planning.nsw.gov.au

To: Date:

12/18/2012 4:20 pm

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS:

20/16-18 Nelson Street, Thornleigh NSW 2120

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

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Yours sincerely, Neale WINTER

David Winterton hal1997@rocketmail.com <a href="mailto:hal1

To: Date:

12/17/2012 5:10 pm

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

73 Edward St. Darlington NSW 2008

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

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Yours sincerely, David Winterton

Mary Winterton <Mary.win@me.com> <plan_comment@planning.nsw.gov.au>

To: Date:

12/16/2012 6:00 pm

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS:

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Yours sincerely, Mary Winterton

Noeline Winton <noelinewinton@hotmail.com>

To:

<plan_comment@planning.nsw.gov.au>

Date:

12/18/2012 6:11 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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Yours sincerely, Noeline Winton

jarrod wise <jarrodwise5@yahoo.com> <plan comment@planning.nsw.gov.au>

To: Date:

12/17/2012 8:16 pm

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS:

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

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Yours sincerely, jarrod wise

Anna Witt <anna.witt@live.com>

To:

<plan_comment@planning.nsw.gov.au>

Date:

12/12/2012 4:01 pm

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS: avalon parade, avalon nsw2107

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

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Yours sincerely, Anna Witt

Robyn Wizgier <robyn_wizgier@yahoo.com.au>

To:

<plan_comment@planning.nsw.gov.au>

Date:

12/17/2012 4:54 pm

Subject:

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MY ADDRESS:

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Yours sincerely, Robyn Wizgier

Bradley Wodiske < wodiske@iprimus.com.au>

To:

<plan comment@planning.nsw.gov.au>

Date:

12/13/2012 10:35 am

Subject:

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Yours sincerely, Bradley Wodiske

Julie Wood <sobotski23@yahoo.com> <plan comment@planning.nsw.gov.au>

To: Date:

12/13/2012 1:05 pm

Subject:

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MY ADDRESS:

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Yours sincerely, Julie Wood

Kyles Woodbury <kyleswoodbury@gmail.com>

To:

<plan_comment@planning.nsw.gov.au>

Date:

12/17/2012 1:42 pm

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS: 15 Braithwaite ave Bellingen 2454 nsw

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

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Yours sincerely, Kyles Woodbury New South Wales Government

Department of Planning

Skip to content

Home > Development Assessments > Major Project Assessments

Joanne Woodcock, of Eagle Vale NSW, made the following submission on the project:

Camden Gas Project Stage 3 Northern Expansion



Objects to this project

I object to this proposal for the Camden Gas Projects northern expansion.

I believe residents in these areas are being used as 'guinea pigs' for this project as there is no evidence that there will be not be any environmental or health issues associated with this type of mining in our high density residential community.

There should be more studies done to address these potential health and environmental issues.

The project should not go ahead at all in this residential area!

Roslyn Woodward <roslynwoodward@yahoo.com.au>

To:

<plan comment@planning.nsw.gov.au>

Date:

12/12/2012 10:46 pm

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS:

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

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

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

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

Yours sincerely, Roslyn Woodward

Teresa Woodland <teresawoodland@rocketmail.com>

To:

<plan_comment@planning.nsw.gov.au>

Date:

12/17/2012 6:29 pm

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS:

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

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Victoria Woodland < vicwoodland@gmail.com >

To:

<plan_comment@planning.nsw.gov.au>

Date:

12/13/2012 10:02 am

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

11699 Clarence Way Tabulam NSW 2469

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

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

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Yours sincerely, Victoria Woodland

julie Woods <juliemcq@live.com.au>

To:

<plan comment@planning.nsw.gov.au>

Date:

12/17/2012 7:52 pm

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS:

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

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michelle woolhouse <drwoolhouse@peninsulaholistic.com.au>

To:

<plan comment@planning.nsw.gov.au>

Date:

12/13/2012 9:09 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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Yours sincerely, michelle woolhouse

Catherine Woolnough < Catherinehillsgreens@gmail.com>

To:

plan_comment@planning.nsw.gov.au

Date:

12/19/2012 6:59 am

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS: 3 Vincent St, Baulkham Hills, NSW 2153.

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

Please note, I have made a previous submission against this proposal which I sent on Saturday the 15th. If a second submission is acceptable, please review this one.

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.

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Yours sincerely, Catherine Woolnough

Catherine Woolnough <catherine.woolnough@sydney.edu.au>

To:

"plan_comment@planning.nsw.gov.au" <plan_comment@planning.nsw.gov.au>

Date:

12/16/2012 4:29 pm

Subject:

Submission regarding Camden Gas Project Stage 3, Project Application 09_0048

Attachments:

Submission_09 0048 Woolnough.docx

Dear Sir/Madam,

Please find my attached submission opposing the Camden Gas Project Stage 3, Project Application 09_0048.

Thank you, Catherine Woolnough 3 Vincent St Baulkham Hills NSW 2153

Dr Catherine Woolnough 3 Vincent St Baulkham Hills NSW 2153

Mining and Industry Projects
Department of Planning
GPO Box 39
SYDNEY NSW 2001
Sent by email to plan_comment@planning.nsw.gov.au

Dear Sir/Madam

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

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

The process of fracking can rupture underground aquifers and lead to contamination of drinking water. Studies in the USA have linked methane contamination in ground water to the process of fracking and coal seam gas mining. Therefore I am concerned that CSG mining is a technologicallyevolving 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. Additionally, once coal seam gas wells are installed they need to be maintained forever due to the depth that they penetrate into the earth. Who is going to take on this responsibility?

Before considering coal seam gas mining we need to conduct research into its effects on health and the environment. Doctors for the Environment Australia states 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.

Fugitive emissions of methane and carbon dioxide increase global warming. Furthermore the full extent of leaking of other gases and carcinogenic substances used in the fracking has not been

studied properly yet. Contamination of the air and water with these chemicals is dangerous for the health of the local Campbelltown residents and residents of the Sydney metro area who will be exposed when air travels from the Campbelltown area.

I am also concerned about evidence from Queensland and overseas on air quality. AGL expanded 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 <u>not</u> 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. This lack of air monitoring by AGL demonstrates that it has no concern for air pollution and negative health impacts from its mining.

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. AGL has failed to adequately monitor impacts on groundwater and air quality from its existing wells in Camden for the past 10 years.

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 gives the answer of ?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,

Dr Catherine Woolnough

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 cofunded 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.

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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 <u>not</u> already contributed to this or that it can be managed in the future,

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

Yours sincerely

Name	MARAMANUI WOONTON		
Address	13 SADDLE CLOSÉ, CURRANS HILL, 2567		
Signature	lew oont_		
Date	17/12/12		

Sean Worsthorne <s.worsthorne@wppublishing.com.au>

To:

<plan comment@planning.nsw.gov.au>

Date:

12/17/2012 4:26 pm

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS:

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

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Yours sincerely, Sean Worsthorne

David Wotherspoon < dvdwthrspn@yahoo.com.au>

To:

<plan_comment@planning.nsw.gov.au>

Date:

12/17/2012 6:05 pm

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS:

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

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Yours sincerely, David Wotherspoon 06 December 2012

Ms Melissa Wray 71 Lawn Avenue BRADBURY NSW 2560

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

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

Dear Sir/Madam

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

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

AGL's plan for CSG mining (& fracking) of Sydney will industrialise our suburbs & greenspaces with uncertain impacts on our health, environment, livelihoods and land values.

The environmental issues and impacts of hydraulic fracturing include the potential contamination of ground water, risks to air quality, water use, waste disposal, health concerns (E.g. cancer), surface water contamination, soil contamination, issues with sand and proppants (E.g. water consumption, air emissions, potential health problems related to crystalline silica), toxic chemicals (Examples of some chemicals used in hydraulic fracturing are listed in Table 1 below from EarthWorks) and chemical disclosure.

Toxic Chemicals Table 1

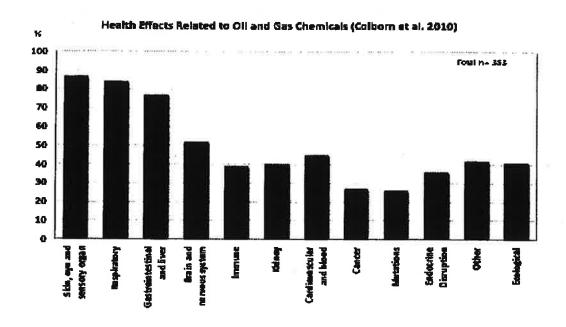
ADDITIVE TYPE	DESCRIPTION OF PURPOSE	EXAMPLES OF CHEMICALS
Proppant	"Props" open fractures and allows gas / fluids to flow more freely to the well bore.	Sand [Sintered bauxite; zirconium oxide; ceramic beads]
Acid	Cleans up perforation intervals of cement and drilling mud prior to fracturing fluid injection, and provides accessible path to formation.	Hydrochloric acld (HCl, 3% to 28%) or muriatic acid
Breaker	Reduces the viscosity of the fluid in order to release proppant into fractures and enhance the recovery of the fracturing fluid.	Peroxydisulfates
Bactericide /	Inhibits growth of organisms that could produce gases (particularly hydrogen sulfide) that could contaminate methane	Gluteraldehyde; 2-Bromo-2-nitro-1,2-

Biocide	gas. Also prevents the growth of bacteria which can reduce the ability of the fluid to carry proppant into the fractures.	propanediol
Buffer / pH Adjusting Agent	Adjusts and controls the pH of the fluid in order to maximize the effectiveness of other additives such as crosslinkers.	Sodium or potassium carbonate; acetic acid
Clay Stabilizer / Control	Prevents swelling and migration of formation clays which could block pore spaces thereby reducing permeability.	Salts (e.g., tetramethyl ammonium chloride) [Potassium chloride]
Corrosion Inhibitor	Reduces rust formation on steel tubing, well casings, tools, and tanks (used only in fracturing fluids that contain acid).	Methanol; ammonium bisulfate for Oxygen Scavengers
Crosslinker	The fluid viscosity is increased using phosphate esters combined with metals. The metals are referred to as crosslinking agents. The increased fracturing fluid viscosity allows the fluid to carry more proppant into the fractures.	Potassium hydroxide; borate salts
Friction Reducer	Allows fracture fluids to be injected at optimum rates and pressures by minimizing friction.	Sodium acrylate- acrylamide copolymer; polyacrylamide (PAM); petroleum distillates
Gelling Agent	Increases fracturing fluid viscosity, allowing the fluid to carry more proppant into the fractures.	Guar gum; petroleum distillate
ron Control	Prevents the precipitation of carbonates and sulfates (calcium carbonate, calcium sulfate, barlum sulfate) which could plug off the formation.	Ammonium chloride; ethylene glycol; polyacrylate
iolvent	Additive which is soluble in oil, water & acid-based treatment fluids which is used to control the wettability of contact surfaces or to prevent or break emulsions.	Various aromatic hydrocarbons
urfactant	Reduces fracturing fluid surface tension thereby alding fluid recovery.	Methanol; isopropanol; ethoxylated alcohol

While researching the impacts and issues on hydraulic fracturing I also discovered that many fracturing fluid chemicals are known to be toxic to humans and wildlife, and several are known to cause cancer. Please find below some interesting comments and information about the impacts and issues relating to my local communities health.

"Human exposure to fracking chemicals can occur by ingesting chemicals that have spilled and entered drinking water sources, through direct skin contact with the chemicals or wastes (e.g., by workers, spill responders or health care professionals), or by breathing in vapors from flowback wastes stored in pits or tanks." - EarthWorks

"In 2010, Theo Colborn and three co-authors published a paper entitled Natural Gas Operations from a Public Health Perspective. Colborn and her co-authors summarized health effect information for 353 chemicals used to drill and fracture natural gas wells in the United States. Health effects were broken into 12 categories: skin, eye and sensory organ, respiratory, gastrointestinal and liver, brain and nervous system, immune, kidney, cardiovascular and blood, cancer, mutagenic, endocrine disruption, other, and ecological effects. The chart below illustrates the possible health effects associated with the 353 natural gas-related chemicals for which Colborn and her co-authors were able to gather health-effects data." - EarthWorks



"Colborn's paper provides a list of 71 particularly nasty drilling and fracturing chemicals, i.e., those that are associated with 10 or more health effects."-**EarthWorks**

Natural gas drilling and hydraulic fracturing chemicals with 10 or more health effects

- 2,2',2"-Nitrilotriethanol Ethylene glycol
- 2-Ethylhexanol
- 5-Chloro-2-methyl-4-
- isothiazolin-3-one
- Acetic acid
- Acrolein
- Acrylamide (2-
- propenamide)
- Acrylic acid
- Ammonia
- Ammonium chloride
- Ammonium nitrate

- Ethylene glycol
- monobutyl ether (2-BE)
- Ethylene oxide
- Ferrous sulfate
- Formaldehyde
- Formic acid
- Fuel oil #2
- Glutaraldehyde
- Glyoxal
- Hydrodesulfurized
- kerosene

- Naphtha, petroleum medium aliphatic
- Naphthalene
- Natural gas condensates
- Nickel sulfate
- Paraformaldehyde
- Petroleum distillate naptha
- Petroleum distillate/ naphtha
- Phosphonium,

tetrakis(hydroxymethyl)-sulfate

- Propane-1,2-diol
- Sodium bromate

- Aniline
- Benzyl chloride
- Boric acid
- Cadmium
- Calcium hypochlorite
- Chlorine
- Chlorine dioxide
- Dibromoacetonitrile 1
- Diesel 2
- Diethanolamine
- Diethylenetriamine
- Dimethyl formamide
- Epidian
- Ethanol (acetylenic alcohol)
- Ethyl mercaptan
- Ethylbenzene

- Hydrogen sulfide
- Iron
- Isobutyl alcohol (2-

methyl-1-propanol)

• Isopropanol (propan-2-

ol)

- Kerosene
- Light naphthenic distillates, hydrotreated
- Mercaptoacidic acid
- Methanol
- Methylene
 His/this grants
- bis(thiocyanate)
- Monoethanolamine
- NaHCO3

- Sodium chlorite (chlorous acid, sodium salt)
- Sodium hypochlorite
- Sodium nitrate
- Sodium nitrite
- Sodium sulfite
- Styrene
- Sulfur dioxide
- Sulfuric acid
- Tetrahydro-3,5-dimethyl-2H-
- 1,3,5-thiadiazine-2-thione

(Dazomet)

- Titanium dioxide
- Tributyl phosphate
- Triethylene glycol
- Urea
- Xylene

From a law abiding citizen of Australia, which pays her taxes and works really hard for her lifestyle I can't imagine as to why the Government would allow a project to take place. Hydraulic fracturing will have severe impacts on the Campbelltown and Camden's communities.

The Government is already controlling the use of tobacco for health reasons and the Australian people have been hit hard with the new carbon tax. If the Government is so concerned with the health and wellbeing of the Australian people then why is this project been approved when there are so many major health and environment concerns involved.

I strongly believe that if hydraulic fracturing stimulation does take place, then **ONLY** the use of sand and water without any additives, or sand and water with **non-toxic additives** are used. Non-toxic additives are being currently used by the offshore oil and gas industry. By using non-toxic additives this will keep the community and environment safe and healthy for current and future generations.

Yours sincerely,

Ms Melissa Wray

Jocelyn Wrench < wrench1937@yahoo.com.au>

To:

plan_comment@planning.nsw.gov.au

Date:

12/20/2012 6:32 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, Jocelyn Wrench

Christopher and Margot Wright <cmwright2@bordernet.com.au>

To:

<plan comment@planning.nsw.gov.au>

Date:

12/13/2012 9:01 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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Yours sincerely, Margot Wright

Suzie Wright <suziewright@optusnet.com.au>

To:

<plan_comment@planning.nsw.gov.au>

Date:

12/12/2012 9:03 pm

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS: PO Bo 162, Emu Plains,

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

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Yours sincerely, Suzie Wright

claudia wuerden <sunnyclaudi|@yahoo.com.au>

To:

<plan_comment@planning.nsw.gov.au>

Date:

12/17/2012 10:53 pm

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS:

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

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Yours sincerely, claudia wuerden

suzie wunschi <r_suzanna@hotmail.com> <plan comment@planning.nsw.gov.au>

To: Date:

12/17/2012 9:52 pm

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

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Yours sincerely, suzie wunschi

Rachel Wylie <rachwylie1@bigpond.com> <plan_comment@planning.nsw.gov.au>

To: Date:

12/18/2012 9:55 am

Subject:

Don't Sacrifice Greater Western Sydney to Coal Seam Gas

MY ADDRESS: 17 Myall St, Bulahdelah NSW 2423

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

Please do not expect us to vote for any Govt which allows CSG. Your greed is unbelievable. It's just about dollars obviously, human lives and health are of no concern. Why can't modern governments look to the bigger picture?

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

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Yours sincerely, Rachel Wylie