

COMMUNITY CONSULTATIVE COMMITTEE  
AGL - CAMDEN GAS PROJECT

MEETING NO.14

Held at the Training Room, Camden Civic Centre on 17 August 2006 at 5pm

MINUTES

ATTENDANCE

Mrs Margaret MacDonald-Hill (MM)	Chairman
Ms Sue McGarrity (SM)	Community Member
Mrs Shirley Winn (SW)	Community Member
Mr David Hunt (DH)	Environmental Group Representative
CR David Funnell (DF)	Camden Council
Mr Satish Narayan (SN)	Campbelltown City Council
Mrs Diane Gordon (DG)	Community Member - Camden
Mr Mike Roy (MR)	AGL Gas Production (Camden) Pty Limited
Mr Aaron Clifton (AC)	AGL Gas Production (Camden) Pty Limited
Ms Siobhan Barry (SB)	AGL Gas Production (Camden) Pty Limited
Ms Carolyn Riley (CR)	HLA Enivosciences
Miss Wendy Thompson (WT)	AGL Gas Production (Camden) Pty Limited

APOLOGIES

Mr Simon Hennings (SH)	Community Member
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ABSENT

Mr Shane Read (SR)	Wollondilly Shire Council (replacement for Cr Costa)
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**Meeting Opened at 5.12pm**

ITEM	DISCUSSION	ACTION/CLOSE OUT	DATE BY
<b>1.0</b>	<b>Introduction</b>		
14-1.1	Welcome by the Chairman - MM Welcomed Siobhan Barry, Community and Government Relations Officer for AGL, replacing Paul Bowker on committee. Welcomed Satish Narayan from Campbelltown City Council, replacing Peter Holland on the committee.		
<b>2.0</b>	<b>Apologies - As Above</b>		
<b>3.0</b>	<b>Last Meeting Minutes</b>		
14-3.1	The minutes were accepted. SM/SW		
<b>4.0</b>	<b>Business Arising</b>	<b>MM - Item 13-8.2 Action Item letter has been sent.</b>	

		<p><b>MM - Item 13-10.1 Action Item diagrams were distributed. When final version is complete these will be passed on.</b></p> <p><b>AC - Item 13-9.1. Independent hazard audit results have been tabled today, and all members can look at this at the meeting.</b></p>	
<b>5.0</b>	<b>Correspondence</b>		
14-5.1	Correspondence In:	<p>MM - 26/07/2006 Paul Bowker letter of resignation as member of CCC, advising Siobhan Barry as replacement.</p> <p>MM - 3/08/2006 From Siobhan Barry inviting members to attend Spring Farm and Menangle Park Project Applications workshop, on 17/08/2006 and 22/08/2006.</p> <p>MM - 5/06/2006 From David Kitto regarding new members.</p>	
14.5.2	Correspondence Out:	Nil	
<b>6.0</b>	<b>Reports on AGL's operations and future plans</b>		
14-6.1	<p><b>Incidents and Complaints</b></p> <p>MR - RP12 A ruptured hose caused a leak of approximately 60 litres of hydraulic oil across the well site shale pad and shale access road. The cause of the incident was later found to be an incorrectly rated hose that had been inadvertently installed. The DEC (EPA) were immediately notified of the spill. All contaminated shale and soil was removed off site and disposed at the appropriate licensed facility. Following the incident, all Leaders participated in a well site audit across all Stage 2 and selected Stage 1 wells. The audit focused on identifying Environment, Safety and Production related issues.</p>		
14-6.2	<p>MR - Gas Gathering Line Rupture - A third party ruptured the gas gathering line on the Joe Stanley property whilst undertaking landowner managed earthworks near the JS 04 well. AGL had not received notification of the works via Dial Before You Dig. The landowner understood that because a JS well had been plugged and abandoned, there would be no gas in the gathering line. AGL staff were able to promptly respond to the incident and follow all in-house procedures to undertake all necessary works to isolate and shut the line in and complete repair works. Now investigating further measures of regularly communicating to encourage landowners and the wider community to contact AGL or Dial Before You Dig before undertaking any earthworks within the Camden area.</p>		

14-6.3	<p>MR – Solar panels have recently been stolen at two sites with theft at a third site attempted. The solar panels have occasionally been the target of theft in the past and extensive measures have previously been applied to prevent theft. The thefts have been reported to the Police and AGL are now investigating further improved security measures across all well sites.</p> <p>MM – Is this considered sabotage or just random?</p> <p>MR – The panels can be used for boats, etc, and are not easy to steal. They are large, bolted down with antitheft bolts, and whoever does it would need 2 people and would take about 30 minutes. We will be spraying them in AGL fluorescent paint and making them more difficult to steal.</p>		
14-6.4	<p>MR – No complaints have been received since last CCC meeting.</p> <p>DH - Have there been any fire services complaints when the flare is on. The brigades have come to site.</p> <p>MR – There has been a recommendation to have a flashing light, so that when people are driving by they make the assumption that the brigade is already there. We are looking at calling a central dispatch number to inform '000' as we have 10-15 minutes before pressure builds up to release gas to the flare. Has been noted and will be done.</p> <p>DH – What about an automatic button?</p> <p>MR – We have adopted in the procedure that we will notify them. We have 10-15 minutes to call them and advise the situation so they don't have to worry.</p> <p>AC – All local brigades have been to site, and are aware of the circumstances.</p> <p>MM – Was this a recent complaint?</p> <p>DH – Yes last week from Douglas Park.</p> <p>AC – This would be in relation to the RP12 incident which was discussed at the last meeting.</p>		
14-6.5	<p>ALL MEMBERS – noted that the last set of minutes was not received. AGL to investigate why minutes were not distributed.</p>		
14-6.6	<p><b>Compliance</b></p> <p>AC – Pinnacle/URS Hazard Assessment -First quarterly Hazard Audit Action Item Progress Report issued to Dept. of Planning on 23 June 2006. As of 23 June 2006, 18 of the 30 Hazard Audit Report Action Items were complete. Second quarterly report due before 23 September 2006.</p>		
14-6.7	<p>AC – Compliance Monitoring and Reporting - Stephenson's Environmental Management on site in</p>		

	<p>June for Annual RBTP air emissions monitoring and Quarterly RPGP air emissions monitoring. All results compliant. Stephenson's Environmental Management provided National Pollution Inventory Report for RPGP and RBTP. Wilkinson Murray on site for background noise logging in EMAI/ RB area plus Annual RBTP noise emissions monitoring and Quarterly RPGP noise emissions monitoring. URS review of 2004/05 Annual Environmental Performance Review and approval from Dept of Planning to resubmit in conjunction with the 2005/06 AEPR. Finalise all required changes to update the Stage 2 Environment Protection Licence.</p>		
14-6.8	<p><b>Environmental</b> AC - Rehabilitation - URS on site in June for biannual RPGP Vegetation and Landscape Management Plan inspection. 135 replacement trees planted across site by staff. Continued rehabilitation of wellsites at EMAI and Sugarloaf. URS on site in August for preliminary site inspection of the Ray Beddoe Treatment Plant as part of the Environmental Site Assessment prior to decommissioning.</p>		
14-6.9	<p>AC - AGL EHS Systems - Data compiled for 2005/06 Environmental Footprint of Camden Gas Project. Footprint data includes greenhouse gas emissions, non greenhouse air emissions, fuel use, electricity use, paper use, water use, hazardous and non hazardous solid waste disposed and recycled, environmental training undertaken, details of all environment related licences, waste water disposed, environmental incidents, and area of land managed by AGL. Footprint data will be compiled into AGL Sustainability Report.</p>		
14-6.10	<p><b>Operations</b> MR - LB 11 directional well drilled and cemented. This is the well off Remembrance Drive (west side prior to climbing Razorback). The well is scheduled to be fraced mid to late October. MR - Currently drilling GL 13, on the other side of Mt Annan. Then there are two more directional wells to drill in this program. MR - GL16 and GL12 surface holes have been completed. MR - Then we are waiting on approvals for approx 17 new wells. We have lodged the application with planning and this will be on display for a month, then we review any issues and wait for consent. DH - Do you have meetings with the landowners? MR - We do that before we submit applications, so this is already done.</p>		

	<p>SB - The applications are on public display via a physical copy at the Department of Planning in Sydney, and at Wollondilly Council. Copies on CD can also be obtained and they are on the websites: <a href="http://www.planning.nsw.gov.au">www.planning.nsw.gov.au</a> and <a href="http://www.agl.com.au/camdengasproject">www.agl.com.au/camdengasproject</a></p> <p>SW - It's all under AGL now, not SGO.</p> <p>SB - It is a joint venture operation, but AGL is the operator for the Camden Gas Project.</p> <p>SW - What is Agility?</p> <p>SB - The pipeline infrastructure.</p> <p>DH - Is that the pipeline here?</p> <p>MR - It doesn't include our gas gathering lines.</p>		
14-6.11	<p>MR - DEC (EPA) - Onsite for a progress meeting to discuss air emissions/ continuous NOx monitoring and noise issues/continuous noise monitoring to ensure that we are still in compliance with the noise levels with the new compressors going in.</p>		
14-6.12	<p>MR - National Engineers week - We had a group of engineers out today and we gave a presentation on how we extract and produce methane, compress the gas, and provided a tour of the plant.</p>		
14-6.13	<p>MR - Provide in-house expertise to assist HLA in completing the Razorback and EMAI Stage 2 Environmental Assessment. These submissions are now in.</p>		
14-6.14	<p>MR - HLA site visit to inspect the Menangle Park and Spring Farm areas as part of the Project Approval Application. These locations will be part of the next target areas.</p>		
14-6.15	<p>MR - Second Compressor installation - Civil works commenced in July, and electrical work commenced this month. The compressor unit is due to arrive in mid to late October.</p> <p>MM - Where is the compressor going to be situated?</p> <p>MR - Right next to the current one.</p> <p>MM - Will you fill up the area?</p> <p>MR - It comes down to the costs of well gathering lines to connect to the one plant. The economics of a new plant versus the cost of bringing pipes to one location would be looked at.</p>		
14-6.16	<p>DH - When the plant shuts down due to faults, is there a report?</p> <p>MR - Yes, this is provided to the buyer of gas, being AGL Wholesale and to the AGL management team. It is not provided to councils. The current</p>		

<p>14-6.17</p>	<p>compressor is fairly efficient having been on line for 99.62% of the time.  DH - During the shut down has it flared every time?  MR - No the pressure the gas comes into the compressor is at around 80kpa or 10psi. When the pressure hits 450kpa then it starts dumping gas. We have 15-20 minutes before spilling gas to the flare. We can shut in high producing wells remotely from the Plant, and in turn shutting off the gas at the well site, means less pressure to the compressor and then it doesn't flare or minimises the flare.  DH - Can these shut downs and flares be recorded in the minutes?  MR - We have a flare log.  DH - Would explain to people.  MR - We can provide "we flared for whatever minutes/hours".</p> <p>DH - Can a copy of this Pinnacle document be provided to the committee?  MR - No this is a private document, can be tabled and viewed but not distributed.  DH - The more that you explain, and the better the understanding, the better it would be for AGL.  MR - Everyone has an opinion, and we bring in experts to control all aspects. When you look at what is in a gas plant it is very well managed and very well controlled.  DH - the potential hazards would be useful.  MM - You are looking at it from a technical side that you understand. There is a problem that you might understand it, but I wouldn't like to interpret it wrongly. It would be subject to interpretation.  MR - It is important to know that we are regulated and that we do action items. It is a highly regulated business. To much information to an unformed public can also create problems.  DH - It is a fact of life that the public would want to know more.  SB - We are making sure that we are building up a level of information base, to ensure that the education is there.  DH - This type of information would give you confidence that things are being done properly.  MR - We had 10 people from engineers week come out today. We spent 2.5 hours with them providing information on drilling and wells and provided them with a full plant tour. We do offer these tours to those who are interested.  DH - This information is more transparent and would cut off criticism and fear.  DG - When something was more condensed there</p>		
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	<p>were a lot of myths and fears. Now it is far more transparent. Detail the information of the specific areas of worry which are very few, and provide a fact sheet or hand out.</p> <p>SB - We let people know if there is a flare. We will be developing over time to make sure the education is there.</p>		
<b>7.0</b>	<b>General Business</b>		
14-7.1	<p>SB - Presentation on Camden Gas Project Overview - handout provided to all members - see enclosed copy.</p>		
14-7.2	<p>DH - Does fracking affect future mining processes? MR - No it doesn't. AGL works with the mining conditions. It does affect the steel pipe that does go through the coal seam which we have to remove before closing the well, so if they ever mine there won't be obstructions.</p> <p>DH - What is the frac process? MR - High pressure water and sand is pumped into the coal and the coal fails. By putting the sand in formation it holds the coal seam open.</p> <p>DH - So its only in the coals seam, there is no danger. MR - Not at all. Studies have been done in the USA and the industry accepts that the frac process does not compromise the ability to mine the coal.</p>		
14-7.3	<p>SM - Economic Issues - What sort of production life is there? MR - 10-15 years. For CBM this is what is predicted, but it can be like an ever-ready battery and keep going.</p>		
14-7.4	<p>DH - Greenhouse Issues - Is methane the worst greenhouse? MR - Unburnt it is worse than Co2. This is why we flare. SB - The second bullet point on this slide relates to the graph.</p>		
14-7.5	<p>SW - Some of the areas are high density housing? SB - We have the master plan of land releases and all developers involved will be running through locations. Then we get landowner approval. AC - This application is based on 27 vertical wells. MR - The density wells around the (Jack Gully) tip buffer area is already drilled up. SB - There is the potential to drill 3 wells from 1 surface site. We need a buffer around the well to be able to continue to get in and maintain the wells. DH- Can you also extract the gas from the tip. DF - This is already run now.</p>		

	<p>MR - Waste Services have a 1 MW plant that is run off gas generated from the tip.</p> <p>SB - The Campbelltown Council owned land at Menangle Park is planning new suburbs and we are trying to lock down well sites.</p>		
14-7.6	<p>SB - Project Description - looking at using this type of enclosure to reduce noise, the visual impact and vandalism. We are trialling this at SL2.</p> <p>MR - When planning the wells on this site it was a concern the developers had. This new well enclosure looks like a utility box and has all the same fail safe systems. It is doing its job. This is located near Broughton College. In the middle of the paddock.</p> <p>SM - What would be the closest to a block?</p> <p>MR - We have to access the site with equipment to maintain. From a workability perspective 30-40metres, from a safety point it would be less.</p>		
14-7.7	<p>CR - Concept and Project Applications - Scoping report will be submitted in a few weeks. A final Environmental Assessment is submitted and once the Dept. of Planning is satisfied it is put on public display.</p> <p>DF - One of the worst energy crisis, and are sitting on it. I have 87 people wanting gas and they won't install a line.</p> <p>CR - We are educating people in strategic planning, advising this is what we do, how we do it, and put this in place to minimise the impact.</p> <p>SB - All approvals for it are in place before starting.</p> <p>DH - Are the application areas positioned in areas of future mining?</p> <p>MR - We do not know. The coal is very deep, and at this time we do not know if a mining exploration title extents to these areas.</p> <p>MM - Look at old document from 2-3years ago. This has the answers and maps to these questions.</p>		
14-7.8	<p>SB - Community Involvement - We have had meetings with local MPs and Councils. We are having information workshops and have invited the Campbelltown and Camden Chambers of Commerce, the Macarthur Branch of the National Parks Association, Menangle Park Trotting Track, Menangle Community Network, Camden Resident Action Group and the Narellan Action Group. A newsletter will go out shortly to community groups, MPs, Councillors, landowners and neighbouring landowners.</p>	<p>SB - To send out business cards with the minutes.</p>	
14-7.9	<p>SB - If there is anything that members would like</p>		

	<p>addressed in applications, please email any questions to Siobhan.</p> <p>DG - This presentation is very informative and easy to follow.</p>		
14-7.10	<p>DF - We need to look at encouraging high use industrial areas and look at every aspect. Why not use a electric generator instead of burning gas.</p> <p>MR - We try not to burn gas. We get more money for gas into our lines that into power generation.</p>		
14-7.11	<p>SB - EMAI and Razorback applications are currently on display. Our aim is to have Spring Farm and Menangle Park concept plans by late September. Then Stage III concept plan by November. This will be ending in Glenfield/Leppington.</p> <p>AC - Stage III - For the northern areas, consider inviting the members from the areas.</p> <p>SB - Yes hopefully we can build those relationships and have them understand our operations.</p> <p>DH - How far can the wells sites go to? Will these wells go to the current plant?</p> <p>MR - We would look at the economics of building a new plant versus running the pipes.</p> <p>DG - Why are you heading into populated areas? What about Wilton, Douglas Park, Appin?</p> <p>MR - Mother nature. This is where the gas is. We will drill core holes and do testing to find out reservoir conditions and we are yet to work through this.</p> <p>We have done 60km of seismic work that can tell us a fair bit about a coal seam. It is all about doing our homework and knowing where to drill in advance.</p> <p>SB - Stage III is a long way off, the idea is to get a pile of things to do and to get ahead of the game so that AGL is drilling for 10 months of the year.</p> <p>MM - This is a coordinated approach.</p> <p>SB - It's not going to be the easiest thing. There are land release areas in the areas where AGL proposes to expand.</p>		
<b>8.0</b>	<b>Next Meeting</b>		
	Thursday 23 <sup>rd</sup> of November 2006 at 5pm.		
	<b>Meeting Closed 6:55pm</b>		

Note:

- Item numbering in column one shows the meeting number first then the section number to allow for the actions to be tracked for close out.
- Items in **BOLD** are the comments made to close out an action raised in a previous meeting.