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Project	Gloucester Gas Project	From	Michael Ulph
Subject	Community Consultative Committee	Tel	4941 2841
Venue/Date/ Time	Thursday 17 ^h November 2011 Gloucester Country Club, 10.10am – 12.40pm	Job No	21/17714
Copies to	All attendees		
Attendees	Ian Shaw – AGL Lands Officer Toni Laurie – AGL Land and Approvals Manager Mark Bonisch – AGL Operations Manager Rod Williams – Community Representative Anna Kaliska – Mid Coast Water Clr Karen Hutchinson – Great Lakes Council Garry Smith – Barrington, Gloucester, Stroud Preservation Alliance Ed Robinson – Lower Waukivory Residents Group David Mitchell – Avon Valley Landcare Clr Richard Webb – Gloucester Council Marnie Johnson – The Gloucester Project Michael Ulph – GHD (Facilitator) Lilen Pautasso – GHD (Assistant Facilitator) Barbara Company – GHD Principal	Apologies	Naomi Rowe Sally Whitelaw Tim Hickman Terry Kavanagh Clr Paul Hogan Clr Gerry Germon Clr Peter Ainsworth

Topic	Action
1. Michael Ulph Welcome and Acknowledgement of Country	
2. Meeting agenda	
<ul style="list-style-type: none">• Matters from the previous meeting (including actions)• Project Update• Community and Stakeholder Engagement Plan• Youth Mentoring• General Business• Next Meeting	



3. Actions from the previous meeting

Groundwater studies

Toni – as outlined in the action I will address the question regarding the impact of high salinity groundwater in the case of overflow. All matters relating to the management of groundwater wells will all be incorporated into the water management plan. Briefly what will be contained within that management plan includes required specifications such as the location of storages in elevated areas to avoid flooding events, storages to be designed to meet a 1 in 100 year rainfall event, ongoing monitoring of local weather patterns and ensuring we are aware of these patterns and the impact on our storage containers.

One of the main points to highlight is that we will always maintain a buffer as a safety precaution. In the absolute extreme condition of high salinity water overflowing from the storages and possibly entering the river system, it is important to note that this water would only contain salt. No chemicals or heavy metals will be contained in that water, meaning that, should the water enter the river system it would be highly diluted.

CCC: What happens to the residue on surrounding lands?

We can monitor the lands around that area and the impact that water has had on it. This is similar to what we're doing for the irrigation trials. Essentially, the buffer zone would be the area we would monitor.

CCC: So the water would only be high in salinity? There wouldn't be any other chemical issues as a result of something like this happening?

No. Salinity is the only thing in the water. The way we will control this in a worst case scenario, such as the extreme flooding events that happened in Queensland, is reflected in our management plans that are developed in consultation with all the major industries and key stakeholders.

CCC: In regards to your comment about the 1 in 100 year flooding events, these are always changing. All I want to know is what's going to happen to the accumulation of this salinity?

We are aware that this information is interchanging and we would model our designs and management plans to suit those changes. For this project we will be relating previous events with recent ones. We would constantly consult with major industry bodies such as the Office of Environment and Heritage (OEH) about all of these matters and, most certainly, any issues.

Toni, Mark and Michael summarised how an overflow may happen. It was highlighted that the only two ways that overflow could occur is if the storage itself broke/overtopped or if the area surrounding the storage was significantly flooded, causing the water to mix. Toni and Mark emphasised that water storages would be located in elevated places, and that management plans will be still in place in the rare instance that overflow should occur.



CCC: Given other companies can pump during times of high floods what are the impacts of this? Can heavy metals enter the river system? Are there independent, public studies that demonstrate that this is doesn't happen during this event?

(Mid Coast Water representative responded to this question): We still don't have enough information about the effects of excessive pumping in high flood areas. I understand that if you pump and apply a certain treatment to the water the instances of chemicals being released are reduced. There are documents that support this.

CCC: This to me sounds like it could become a legal matter between the company and the landowner if this were to happen. Is there an agreement that a landowner can sign?

Yes, absolutely and in each agreement there is a clause in there that covers such events should they ever occur..

CCC: What would you anticipate the highest levels of salinity in the water would be?

The highest to date has been 8,900 EC– 3-4 times less than sea water.

CCC: As you go further south would this increase?

Yes. We would expect that it would increase due to the coal deposits there.

CCC: Do we have any schemes similar to the Hunter to deal with salinity?

In the Hunter they have identified some damage caused by high salinity levels so they have introduced certain schemes to minimise the damage. In this area we are not even close to having this problem.

CCC: Why has the Hunter experienced problems?

It's due to the number of mines that are operating. Here we don't have this.

CCC: Just in relation to the quality of the water and salinity levels, what exactly do you test for?

We do the full suite, including heavy metals and other chemicals. When the wells are in operation/test mode once a month a water sample is taken to a registered laboratory, ALS, utilising chain of command documentation, for the full suite of tests.

Action 3 – Arbitration

The arbitration process is noted in the CEP. Basically an arbitrator is appointed by the courts if mediation did not work. There is more information at <http://www.ama.asn.au/>

Action 4 – Changing the term Waukivory to make it less confusing. AGL agreed to investigate whether this was possible.

AGL have taken the suggestions on board and have referred to it as the Forbesdale area so that, hopefully that alleviates any confusion.

Action 5 – Maps

Maps have been circulated but without town names.

Action 6 – Groundwater studies.

Action: Toni to re-distribute with town names.



AGL to clarify the dates of the groundwater study.

AGL expects the preliminary reports will be out by February for the research that has been done to date.

CCC: How long have the studies been going for?

The preliminary tests have been happening since February this year. The requirement is 12 months' worth of base line data and we are nearing this milestone. This will be peer reviewed once complete.

CCC: What are the depths of those wells?

Typically they vary in depth, some are at 10m, 50m with the deepest we have are about 300 metres.

CCC: The four holes you've dug are they part of the groundwater study?

No they are not part of the water study per se, but there will be monitoring bores drilled as part of this program which will be monitored to pick up if there are any local impacts. They will also feed into the broader data set

CCC: Are there maps around of where the wells are going?

Yes. There are.

Action 7 – Document regarding Irrigation trials

Has been provided to Mid Coast Water

Action 8 – Distribution of the CEP

Was distributed 11th November

Power facility

In relation to a power generation plant - what will this be built for?

Toni – what this power station will do is put power back into the grid. This power will then be taken into the electricity network for people to use.

How many of these were built in Camden?

Mark – from what I've seen, depending on the size of the facility, you build a single 15 megawatt system.

A discussion was had regarding the impact of other energy companies such as Transgrid utilising energy and setting up in Gloucester and surrounding towns. The comment was made that the problem is that there are cumulative impacts on Gloucester. There is a desire to preserve it from the cumulative effects of this.

Action: AGL to provide a link to what has been approved by the DTIRIS and to inform the community when something is made available.

4. Project Update - Mark

There has been no change since the last meeting, Rig is still on track to be here in November early December. Ongoing landowner discussions regarding seismic surveys and pilot wells. Seismic information sessions have also been held. We have commenced



additional monitoring bores and continue to prepare for the irrigation trials.

Discussion was had regarding access roads and how they would be implemented on each property.

5. Community Engagement Plan – Barbara Company

Michael Ulph introduced Barbara Company, a Principal from GHD who has been involved in the focus groups and the development of the CEP.

Barbara discussed that her presentation would cover the CEP and the focus group findings. Emphasised the focus group sessions were recommended by the CCC and the process by which the participants were sought. General conclusions of the focus groups were identified and presented to the CCC.

Michael emphasised that the CCC can identify any in discrepancies if they attended the sessions.

Action – AGL to provide Barbara's presentations along with the minutes both online and to all members of the CCC.

Barbara posed the name change of this management plan from Stakeholder Engagement Management Plan (SEMP) to Community Engagement Plan (CEP). CCC was supportive of this change.

CCC: A group that's probably not there are the real estate agents. Should they be on the list?

Yes they were identified. We did have a long discussion about that and it was agreed within the group that they would be considered a part of the business industry if they received the same information. If the community do decide to separate them we can do that, but the group identified that this didn't need to happen.

CCC: I think the 1800 number will be very good from that point to allow people to contact someone and be anonymous (if they want to). In relation to the drop in sessions and information sessions, it seems that the information sessions will be better because that way you can listen to other people's comments and opinions rather than drop in sessions when you're, generally, on your own.

Barbara – That's a valid point and we are learning all the time as to what works. However the important thing is to be flexible and have different methods of communication in order to reach the audiences you need to get to.

Ian explained the process he undertook of delivering the letters advising of the information sessions to the local community.

CCC: The opt-in opt-out email - has that been established?

We've certainly got that and have established an email address that is



checked. The email is gloucester@agl.com.au

CCC: The last time I directed people to the website it was very difficult to find information. Can I suggest that there is a section that links information to each location?

We are in the process of upgrading the website and unfortunately this has been a slow process. We can provide the link.

CCC: Is there an intention to follow this (CEP) up after 12 months?

Yes that would be subject to your internal evaluation of the focus groups that have just happened. I think it would be a huge benefit to AGL to see whether things are improving.

CCC members that attended the focus group sessions congratulated Barbara on her professionalism and management of the groups.

Incorporating the outcomes of the focus groups and current consultation into the CEP - Barbara

CCC: Just in relation to transparency and balance – what do you mean by balance?

Barbara – this means telling us not only the positive but the negative. In my experience by mentioning the bad things this will help to alleviate distrust and concern. The uncertainties that people have is that not everything is being told to them. Providing information is really powerful.

CCC: Are there protocols in place that can instantly reflect, or as close as possible, things that might go wrong? So the community can be reassured that if there is an incident that there is a timeline on dealing with this.

In the worst case scenario we would go through a number of processes. First step would be to contact the emergency services, second would be to notify the NSW regulatory body to which the incident related within 1 hour, third would be to contact the affected landowners and fourth would be to contact the relative councils.

A question was raised regarding the CEP going on exhibition. AGL members advised that the document doesn't go on public exhibition, but rather it would be released to the public following approval from the CCC.

The question was raised on the CEP with Barbara about the description on Page 6 of the 'Gloucester Gas Project' and that this should include the "330 wells". The discussion that followed was that this was the Gloucester Gas Project Approval (the 110 wells) not the overall concept plan - but that AGL would look to include the concept plan scenario into this description as well.

CCC: Is that 330 wells?

Toni: It is that which is approved, in the EA under the Concept Plan this is estimated on current knowledge as approximately 200-300 wells, not the 330.

Action: AGL to provide new email address and website link to the CCC.

Action: CEP to present a protocol for emergency/incident responses.



CCC: Speaking of membership to the CCC, my concern is that one of the major landowners that you will need to be discussing with is GRL. Wouldn't they need to be included given they will have 40-50% of the wells?

We have as part of our requirements that we must to consult/co-operate with other overlapping tenements, For AGL, this currently involves both GRL and Gloucester Coal.

**Why would they be part of the CCC?
Because they are a major part of the landscape**

Member of the CCC advised that they are on the GRL CCC and stated that there is sufficient consultation between AGL and GRL/Gloucester Coal already.

Barbara suggested that the CEP was designed more to reflect communication with the community itself rather than industry. That would require separate consultation.

CCC: What about what the AGL can do for the community? Is there are a way of putting something in the CEP that reflects the benefits of our community?

CCC member identified that Gloucester Coal provided funding grants etc. to the community. However the CCC agreed that this didn't necessarily have to be a monetary return.

Barbara advised that AGL could look at ways to give back to the community through independent reviews.

Toni advised that this is something AGL are working on and looking into such as providing sponsorships for study and other programs. We have no obligation under our approval to do that, but we do want to address this and are in discussions with various people about this, but it's a bit early to incorporate this just yet as the project hasn't commenced yet.

Michael posed the question as to whether the CCC would like to turn the CEP into a final document.

CCC agreed that once the edits discussed today are incorporated that then there will be discussion about whether to change it.

Barbara asked for feedback about the newspaper column.

CCC: even though there are a lot of people that don't read the paper you need to make sure that you keep this going regardless.

Ian asked that, if the CCC identifies issues with the CEP, to email as soon as possible so that it can be released.

CCC: Will the term 'stakeholder' be replaced all throughout the document?

No because there are different stakeholders within the community so,

Action: CEP to include a statement that it will be reviewed every 12 months and that there is a commitment to providing positive outcomes to the community.

Action: Page 12 of the CEP to be removed and edits to be incorporated on Page 34 (relating to Mid Coast Water) and Page 6 (relating to the inclusion of the concept plan).

Action: once edits have been incorporated, CEP to be sent via email to all CCC members. AGL to mention in this email that all feedback is to be received by 30th November

Action: CCC to provide all feedback by the 30th November



in order to avoid confusion, it will only be the title of the document.

7. Youth Mentoring – Ian Shaw

Ian explained that there had been meetings with students from year 10.

The plan is to have major activities happening in terms 2 and 3 with the aim of getting young people to be involved in volunteering activities. This is an initiative to get young people to participate in something and provide them with avenues and mentoring. The school will then integrate this into their recognition system where students will be rewarded for their work.

CCC: I think that this may need to be integrated into columns or things like that.

I think we need to be cautious as they're young people and we're only in the pilot stages of the program. It's important to make the mentors and mentees comfortable with this program.

Action: CCC to receive the final newspaper advertisement prior to its release so they can send it to their contacts.

General business

CCC: question received by the Barrington, Gloucester Stroud Preservation Alliance regarding the operations undertaken by Santos. Why doesn't AGL also stop operations?

Toni – the big difference between their study and ours is that Santos' studies are desktop studies only, they take into account a larger catchment area. They are taking into account mining, CSG, farming and other available/exiting data,. We are past this phase and are monitoring real water data in real time. We need to keep in mind that we only have approval to drill at this stage, as the moratorium is still in place, and we will need further approval to do anything further.

CCC: so there will be no fracking?

No. There is a moratorium in place so there will only be the drilling and the monitoring, no hydraulic fracturing.

Discussions were had regarding the political climate and the State Legislative Council Inquiry that is currently in place, that was initiated politically by the Green's party. It was discussed that exploration activities were still being undertaken during this time. AGL, like other companies, are awaiting recommendations to be released from this Inquiry.



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10. Next meeting – Michael Ulph

Next planned meeting 26th February, 2012

Meeting closed at 12:40pm

Michael Ulph

GHD – Stakeholder Engagement