



NB: Note that minutes are paraphrased to an extent and may not exactly match actual statements.

Project	Gloucester Coal Seam Gas Project	From	Michael Ulph
Subject	Community Consultative Committee	Tel	4910 7788
Venue/Date/Time	Thursday 27th June AGL Office, Gloucester, 10.00am – 11.45am	Job No	21/17714
Copies to	All attendees		
Attendees	Ian Shaw – AGL Lands Officer Therese Ryan – AGL Community Relations Manager Toni Laurie – AGL Land and Approvals Manager Clr Tony McKenzie – Dungog Shire Council Clr Aled Hogget – Gloucester Shire Council Ed Robinson – Lower Waukivory Residents Group David Mitchell – Avon Valley Landcare Rod Williams – Community Representative Jerry Germon – Community Representative Anna Kaliska – Mid Coast Water Michael Ulph – GHD (Facilitator) Lilen Pautasso – GHD (Assistant Facilitator) Graham Gardner – Gloucester Shire Council	Apologies	Clr David West – Mid Coast Water Lee McElroy – Port Stephens Council Lisa Schiff – Great Lakes Council Norma Fisher – Director, Forster LALC Dr. Gerald McCalden – The Gloucester Project Clr Karen Hutchinson – Great Lakes Council Ray Dawes – Barrington Gloucester Stroud Preservation Alliance
	Observers Alex Kennedy-Clark – AGL Project Manager Melissa Ryan – AGL Project Administrator		

1. Introductions

Action

Michael Ulph

Welcome and Acknowledgement of Country

Meeting commenced at 10:17am

2. Meeting agenda

- Welcome and apologies
 - Action items from previous meetings
 - Project Update (Toni Laurie)
 - Community Engagement update (Therese Ryan)
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- Morning tea break
 - General business
 - Next meeting & close of formal proceedings
 - Site visit to irrigation trials
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3. Action items from the last meeting

Action items from the previous CCC were reviewed. Michael asked the CCC if there were any other questions in relation to the action items or previous meeting minutes.

Action 1 – Therese Ryan to provide CCC with a map of the area covered by the numerical model.

Therese explained the map and stated that the area in question is inside the dotted line.

Action 2 – John Ross to provide answers on what reports will come out of the work, when, and how they will update the hydrogeological model.

Action complete and hard copy response issued to CCC.

Action 3 – AGL to report on interaction between themselves and the Federal Government regarding the bioregional study.

Action complete and hard copy response issued to CCC.

TR also mentioned another informal item regarding the equipment located at Camden. This equipment is designed to ‘sniff’ for methane extractions in the area. The question related to how this equipment has been working and the amount of time it is set up at each location. Ian has contacted someone at Camden to further investigate the question proposed that Aaron Clifton attend the next CCC meeting to answer these questions. CCC agreed that they would like this to occur.

Ian to ask Aaron Clifton (AGL) to present at the next CCC meeting about air monitoring currently happening at the Camden gas site

CCC member stated that a meeting has been confirmed with the Federal Department of Sustainability Environment Water Population and Communities (SEWPaC) regarding the last action item on the list in relation to the bioregional study.

CCC: What is the surface water divide at Craven?

IS: This is the watershed – rain falling north of the line flows north, rain falling south of the line flows south.

CCC: The action related to the reports being undertaken by John Ross has only been partly addressed. We don’t have information about when the reports will be issued to us. Can you address that?

TR: Yes, I can ask John Ross to provide a response to that question.

Toni to ask John Ross for information on when the water study reports will be available for public viewing



CCC: One member noted that her name was misspelt.

Error has been corrected.

The status of these action items were confirmed for the CCC. Minutes moved by two members of the CCC as true and correct.

4. Project update:

Toni Laurie provided an update of the Gloucester project to the CCC.

- **Exploration activities**

Waukivory 3 and Craven 6 are currently operating and flow tests are being conducted. The Waukivory 3 well will also be completed (plugged and abandoned) and fully rehabilitated in [*October] after gas has been extracted. [**Toni has since informed me that this date is incorrect – it should be December - MU*].

CCC: Can we please get a list of what the wells are called?

TL: Yes, I can provide this at the next meeting.

IS: Just in relation to the well that will be plugged and abandoned, it is worth noting that the manner in which it is rehabilitated will be dependent on negotiations with the landowner.

CCC: When you say that the well will be 'abandoned' does that mean it will no longer be re-opened for use?

TL: Yes, that's correct. Once a well is abandoned it is not used again and is cemented and fully rehabilitated.

Toni to provide a list of the well numbers for the CCC to reference

- **Aeromag surveys**

All surveys have been completed and in total covered approximately 5,600kms across the entire basin. During this time we received 3 official complaints and 4 phone call enquiries. All of the complaints and enquiries received were passed on to Office of Coal Seam Gas. We also received some positive comments from landowners whilst across their property. They said they were aware of everything that was happening and had no complaints.

- **Review of Environmental Factors (REF)**

The REF for the Waukivory pilot wells is currently being finalised. Because the REF needs to go through new processes it is unknown what the timing of its completion will be. Once complete, AGL will submit this to the new Office of Coal Seam Gas. The REF covers extraction activities such as perforation, hydraulic fracturing and flow testing. Because it needs to go through new processes and approvals is some time away. This has been a new exercise for us due to the changes.

CCC: If you get this REF in for the Waukivory holes, so you



have those being fracked and dewatered etc, how are you going to get the [methane] sniffer, to get a baseline if you've got all these holes that are being worked?

TL: That will all be worked in from a timing perspective, how it all comes together, so it's all part of our planning process that we have to go through. I don't know all of the ins and outs of the actual emissions studies and what is required, such as representative locations, that's yet to be determined. That is still unfortunately for us, quite some time away by the time we actually submit the documentation, and it goes through the approval process and we can actually start that work.

CCC: So there's no sniffers working at Yancoal, they are not interested in methane studies down there?,

TL: I don't know. If there is, then that information can feed into what we are doing, and part of that planning, but it's still yet to be determined. We'll see what comes at that time.

So with that REF and that program you'll all recall it is a pretty important piece of work based on Rick Evan's peer review that he did for the groundwater modelling and the fault testing side of it, it's actually quite important for us to do that, it's also in our conditions for the EPBC, the Federal approval that we received, it's one of our conditions to actually get that data and submit that data as part of our approval.

- **Tiedman Storage**

TL: We are currently working on those storages at the moment, de-silting them, they've had settlement over time, . So we are just cleaning those out at the moment.

CCC: where is the silt going?

TL: No silt has left the site yet. We are going to send the silt to an approved waste facility in Newcastle.

CCC: how many tonnes of silt are you expecting to get out of that?

TL: I'm not sure exactly, but I can look into it and let you know. There were in the initial stages of Lucas, you'll remember these dams go back to Lucas days, that's also what we are capturing, what's in the bottom we don't know, hopefully not much as it is a very expensive process for us.

CCC: how do you actually remove the silt?

- TL: It is a very simple method developed by a company called EnviroPacific, a dredging type process.

- **State Environmental Planning Policy (SEPP)**

We are still waiting for this policy to be released. So no real update

Toni to find out how much silt was removed from the Tiedman property.



on that yet. This refers to the 2km buffer that you would have heard of.

Federal EPBC Act – recent changes with the “water trigger” are now coming through. This is another thing for us to consider with all of our activities both exploration and production for our environmental assessments.

- **Construction approval**

We now have AGL board approval to enter the FEED phase (front end engineering design). So the next twelve months we'll be looking at the conditions of approval and working through them with each of the government departments and stakeholders as we move forward into design and finalising details on the project.

Toni Laurie provided an overview of the water studies and hydrogeological aspects of the project on behalf of John Ross. This includes:

- On the groundwater investigation program, water sampling occurred in June (part of the ongoing monitoring program) Pump test at Stratford completed, technical report underway.
- Baseline data collection occurring at Waukivory pilot well sites before the proposed fracture stimulation and flow testing program. A workover of one of the Waukivory monitoring bores is required and is expected to occur late July-early August A new drilling program is underway on sites close to Gloucester (Faulkland 3 underway), and also Wards River is planned.
- The water balance study is completed
- The base water update is currently underway
- There is an updated conceptual model report which is also nearing completion. A peer review of this report is underway.
- Surface water hydrology has commenced
- The Phase 3 numerical model is expected to start in the next month
- The property surveys have been tendered but are pending discussions with Gloucester Shire Council
- The Phase 1 desktop assessment for areas beyond Stage 1 is currently underway hopefully for completion in the coming months
- The basin-wide update is also underway
- Irrigation trial reports are on the AGL website where they can be downloaded. These are the same reports that have been submitted to the Department [Office of Coal Seam Gas]. Weather dependant we'll go and have a look at the end of this meeting. The triticale is due to be harvested as soon as it dries up.

CCC: You mentioned that the water balance study is complete. Is this one of the reports that is available to view and



download online?

TL: I am not sure, but I will check with John Ross.

CCC: Does that report cover the whole basin?

TL: My understanding of John's notes is that it does not. He has identified a water balance study and a basin-wide report so they probably aren't the same. I will double check with John and get back to you.

CCC: Of all the reports you mentioned, do any of them have to be peer reviewed?

TL: I can check with John on this, but no I don't think so.

Break for morning tea: 10:56am

Toni to find out whether the water balance study report is also available to view online.

Toni to find out whether the water balance study report covers the entire Gloucester Basin.

Toni to find out if all reports need to be peer reviewed.

5. Community Engagement Update – Therese Ryan

Therese provided an update to the CCC on all the recent community engagement events. This included:

- **Community meeting**

Members of the project team were invited to speak at a community meeting on 16th May hosted by Council. Overall there were around 300 people that had a good mix of views and feedback to give us. We are now waiting on final report from Elton Consulting following the meeting. Once this is finalised it will be made available on the project website. We are also in the process of developing some information and fact sheets based on questions from the meeting. Presentations given by Mike Moraza and John Ross at the meeting are also available on the website

- **Letterbox drops**

The project update available on the night of the community meeting was also letterbox dropped to the community in the project area. We also letterbox dropped when the Aeromag surveys were taking place.

- **Media tour of Gloucester**

Earlier this month AGL hosted a media tour at the site of the irrigation trials. This included media representatives and crew from Prime, NBN, ABC Radio, Newcastle Herald and the Gloucester Advocate.

- **Newspaper updates**

Regular updates were published in the Gloucester Advocate and also issued (in advance) to CCC. Since the last meeting we have had five updates in the paper, most of them about the Aeromag surveys, water monitoring details and a half page



about the visit by the Chief Scientist.

- **Information sessions**

We hosted 3 information sessions on the 16th May (community meeting), 20 May (aeromag information session attended by six people) and 27th May (Chief Scientist visit). This also included a site visit to the Tiedman Property during the visit from the Chief Scientist.

- **Website**

Regular updates have been made to the project website including uploading the CCC minutes and other project updates.

- **Aeromag surveys**

As Toni mentioned, we did receive some complaints and phone calls when the Aeromag surveys were being carried out. We also made contact with people who asked to be kept informed. When the surveys were being planned, we also looked at the potential agricultural impacts and kept in touch with landowners affected. At times we were also on site when the survey was being carried out. We did have some instances when the flight paths changed in response to comments, feedback and suggestions from landowners.

- **Meetings with Gloucester Shire Council**

Over the past few weeks, AGL have had ongoing discussions with Council regarding the water studies. Yesterday (26 June 2013) a report went to considered by Council regarding these discussions. In this report, AGL proposed to undertake a basin wide approach to the water studies. This also includes property surveys, a flood study and the appointment of water scientist at Gloucester Council for 18 months. Council is coming back to AGL with terms and conditions associated with the proposals.

That's really exciting news.

- **Going forward**

There will be ongoing discussions with Gloucester Council on the proposal as well as regular updates about water monitoring, Fact Sheets and Q&A sheets.

CCC: Were any the complaints about noise?

TL: Yes, about noise and also not wanting the helicopter to fly over properties because of the impact it would have on their cattle.

CCC: Have you had any claims or paid for compensation?

TL: No. The survey would've had to have had a significant impact for a compensation claim to be made. We haven't received any.

CCC: Are you likely to?



TL: No, I don't believe so.

CCC: I observed the survey as it was happening over my property and I thought it was a very efficient way to do it. It would've taken so much longer with a blimp.

TL: On most days the helicopter was averaging around 400-500kms a day with the highest distance at around 650kms.

CCC: you talked about the complaints you received during the survey work. Did all of them go to Office of Coal Seam Gas?

TL: Yes, all complaints went to the Office of Coal Seam Gas. This is so that the Department is aware of what the general feedback and comments were during this process. That way they are free to question us more on the process if they wish.

CCC: Has the Office of Coal Seam Gas come back to you about these complaints?

TL: No we haven't received any feedback on them at this stage. In the past they have come back to us and asked more questions. Depending on what the complaints are they may also follow up with the landowner.

CCC: Is it a requirement of your licence to pass on these official complaints or do you just do it?

TL: I'm not sure if it is an official requirement, but we do it anyway. We have always done this to make sure we are transparent with landowners and the relevant authorities. Even if the feedback we receive isn't an official complaint we let them know.

CCC: Do you pass on good and bad comments?

TL: Yes, both. The Aeromag they were interested in, in particular, so I sent them a summary of the program as well as the complaints and any other comments so that they can ask us more questions if they want to.

CCC: There was a letter in the Gloucester Advocate too. Was that sent in?

TL: Yes, it was. The person that wrote the letter contacted us during the survey process to say that they wanted to make just a general comment. Afterwards they sent the letter. Because they contacted us directly first, we forwarded the comments to the Department and Office of Coal Seam Gas so that they were aware. They all went in.

Michael asked about the 'water scientist' that AGL was proposing to fund for Gloucester Shire Council and if they would be a specialist hydrogeologist or more of a general scientists.



TR: This would all be part of the Terms and Conditions set out by the Council. AGL will contribute to these conditions and make suggestions.

CCC: I don't believe that there would be much difference between what Gloucester Council and AGL wants in relation to the scientist.

CCC: What happens if the scientist reviews the water studies and other aspects of the project and (as an example) asks for more bores to be installed? Who will pay for this?

TL: My understanding is that this would be put forward to AGL as a recommendation. AGL would then consider the recommendation and, if we wish to proceed with this then it would be up to us to pay for it as part of the project.

CCC: If Council agree to have a scientist based in Gloucester, who pays for them?

TL: AGL would pay council, and council would employ the water scientist.

CCC: Would they just be looking purely at AGL's project?

CCC: My understanding is it would be the Local Government Area, and the area that AGL are operating in. But that hasn't been resolved yet. Hopefully by August we will have more clarity.

6. General Business

- **CCC: I just wanted ask AGL whether they were thinking about doing anything about health studies. There are numerous studies out there, including by Dr Gerald McCaren (Southern Queensland) and that NSW Health has called for a comprehensive assessment of the potential risks to human health in Coal Seam Gas areas, and others have also stated that there needs to be a study of the health impacts of CSG. I would just like to put it on the table and ask what AGL thinks / plans.**
- TL: We can definitely take this on notice. As I mentioned earlier, the Waukivory REF will include a component related directly to human health. The NSW health comments I have seen but I don't know what AGL plans to do in response.
- **CCC: There are a number of studies out there and I think it needs to be done reasonably early before we get too far into the fracking and flaring of wells etc etc.**
- **CCC: A former member of the CCC was interested in knowing what AGL were planning to give back to the Gloucester community. I am wondering whether AGL have further considered this and what they plan to do.**

TR: This is certainly on our agenda and we will need to continue our discussions with council to understand what the specific

AGL to consider a response to the CCC's query regarding health studies in CSG areas



community needs are. The mentoring is still happening and we are proud of that.

Ian outlined some of the work that AGL had been doing with the local school and the Rural Fire Service, which includes mentoring and work placements for young students.

TR: We are also refining a community investment program that will include actions on how we plan to give back to the community. There's a lot of work to be done to define what shape that takes.

TL: As the project develops here we'll be increasing that, and looking at what the community actually wants.

CCC: The idea of piping gas back into Gloucester has also been raised.

- **CCC: What programs exist in Camden?**

TR – I understand that the Community Engagement Manager there runs a community investment program too. They also have employment (vacation/holiday) program for university students and partnerships. I can find out more and get back to the CCC.

Therese to find out what community investment programs exist at Camden.

- **CCC: It has been mentioned that the O'Farrell Government would give 0.5% of the royalties back to the local community and wanted companies to match that funding. Is this part of what you're talking about with the community investment program? And can more thought be given to how this can be done?**

TL: This is what we're still working on at the moment and will refine with the community investment program. It is still too early to give any information about that because it isn't too clear what the requirements are and how it will work. As we progress I can provide more information about this.

- **CCC: Just in regards to the Aeromag survey and the complaints process, I have a question about a specific complaint I was made aware of. One of my constituents stated that when the survey was happening on their property the helicopter entered the 100 m buffer zone around the house. I just want to clarify with AGL whether this complaint was received and whether it was issued to the relevant Departments?**

- TR: Yes, we definitely received this complaint and undertook the relevant processes. When the Aeromag surveys were happening we had the flight plans uploaded onto the website every day. Part of the survey area includes a turn-around area. The size of the turn-around area depends on the terrain, safety and external factors such as rain or wind speed and direction. For every survey the pilot has to make an assessment to make sure that the survey is conducted safely. We have been in touch with the person that made the complaint and explained that the pilot acknowledged and apologised he went into that 100m buffer area but that was

Therese to find out whether the final flight paths could be uploaded to the website



because of a safety issue. With the number of trees on the property and the conditions on the day, the pilot needed to enter the 100m buffer zone to exit safely.

- **CCC: Do you have an indicative timeframe on when the outcomes of the survey can be made available?**

TL: I'm not sure how long it takes them to process the data.

IS: The contractor does the initial assessment and then the consultant does the overall assessment. This takes a few months. We need to wait for that but I agree that this has to be done. We have results of the 2D data so we can organise information sessions for landholders that were involved in that so they can see the data.

Michael asked for any further general business. He stated that he had one item (see below).

Michael explained that there had been no representation from the Aboriginal Land Council. He stated that Norma Fisher (who originally attended the meetings) was informed by CEO that he was going to represent the Council instead and that she didn't need to come along. The CEO has not attended a meeting so Norma stated that she was happy to attend if the committee was in agreement. Michael put this to the CCC.

- **The CCC stated that the best action would be to go back to the CEO directly (via a phone call) to see whether Norma should be the FLALC representative. The CCC acknowledged that it needed to be inclusive and that Aboriginal representation was very important to them. Michael to follow up on this and report to the CCC.**

Michael to contact the CEO of the Aboriginal Land Council and enquire about CCC representation

8. Next meeting

Meeting closed: 11:45am. Next meeting to be held on 22nd August from 10am, at the Gloucester Country Club.

NOTE: This meeting was followed by a site visit by the GCCC to inspect the irrigation trials.

Michael Ulph

GHD – Stakeholder Engagement



ACTION ITEMS			
Action	Responsibility	Complete	Outcome
Aaron Clifton (AGL) to present at the next CCC meeting about air monitoring currently happening at the Camden gas site	Ian Shaw		
Toni to ask John Ross for information on when the water study reports will be available for public viewing	Toni Laurie		
Toni to provide a list of the well numbers for the CCC to reference	Toni Laurie		
Toni to find out how much silt was removed from the Tiedman property.	Toni Laurie		
Toni to find out whether the water balance study report is also available to view online.	Toni Laurie		
Toni to find out whether the water balance study report covers the entire Gloucester Basin.	Toni Laurie		
Toni to find out if all reports need to be peer reviewed.	Toni Laurie		
AGL to consider a response to the CCC's query regarding a health study for the Gloucester project	AGL		
Therese to find out what community investment programs exist at Camden.	Therese Ryan		
Therese to find out whether the final flight paths could be uploaded to the website	Therese Ryan		
Michael to contact the CEO of the Aboriginal Land Council and enquire about CCC representation	Michael Ulph		