

Meeting Minutes



QGC Regional Gas Field Community Committee
Thursday 9 February 2012
Chinchilla Customer Service Centre, 80-86 Heeney Street

1. Opening

The ninth meeting of the QGC Regional Gas Field Community Committee was called to order at 10:00am on Thursday 9 February 2012 at the Chinchilla Customer Service Centre, facilitated by Mr Jim Cavaye, Independent Facilitator.

2. Attendees

The following people attended the QGC Regional Gas Field Community Committee meeting:

QGC Regional Gas Field Community Committee Members	QGC Representatives
<ul style="list-style-type: none">• Kathie Fletcher, Queensland Murray Darling Committee• Carollee Murphy, Western Downs Regional Council• Cecily Brockhurst, Northern Community Committee representative• Doreen Goldsmid, Central Community Committee representative• Ros Wade, Southern Community Committee representative• Carl Mitchell, Condamine Alliance• Cr Carolyn Tillman, Western Downs Regional Council• Scott Jones-Christ, Department of Education and Training• Mabrey Fogarty, Goondir Health Services	<ul style="list-style-type: none">• Carl Martin, General Manager Field• Ron Ottaway, Pipeline Delivery Manager• Troy Gavin, Gas Fields Social Performance Manager• Zoe Carroll, Lead Community Relations Advisor• Martin Crossley, Environment Technical Team Supervisor
Apologies	Independent Facilitator
<ul style="list-style-type: none">• Marion Loveday, Central Community Committee representative• Bill Nicholas, AgForce• Desley Gobbert, Department of Education and Training• Floyd Leedie, Goondir Health Services	<ul style="list-style-type: none">• Jim Cavaye, School of Agriculture and Food Sciences, University of Queensland

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3. Meeting agenda

The following items of business were discussed as per the meeting agenda:

Agenda item	Details
a. Introductions and meeting overview	<p>Jim Cavaye led roundtable introductions of Community Committee members and QGC representatives.</p> <p>Jim Cavaye gave a broad overview of the meeting format.</p>
b. Safety moment	<p>Jim Cavaye invited Committee members to share a safety moment.</p> <p>Carl Martin told the Committee that a QGC contractor had suffered a heart attack whilst out jogging and had passed away. QGC has brought in counsellors to assist his colleagues.</p>
c. Actions from previous meeting	<p>Jim Cavaye reviewed the actions from the previous meeting.</p> <p>Caravan parks A Committee member informed the Committee that a second caravan park had been sold in Miles. There is now no long-term caravan accommodation in Miles – an affordable housing option.</p> <p>Zoe Carroll replied that QGC and the other CSG proponents had met with the Western Downs Regional Council and the Coordinator General to discuss the Council's Housing Strategy. Council is aware of the redevelopment of caravan parks in the area and raised it at the meeting. QGC is committed to working with Council on affordable and social housing and has financially supported Council's Housing Strategy. QGC's own housing strategy, approved by the Coordinator General in 2011, sets out a commitment to investing \$5.2 million in affordable and social housing in the Western Downs.</p> <p>A Committee member replied that QGC's housing strategy should consider impacts on tourism facilities. Motel accommodation is in short supply and tourism sites are reporting fewer visitors. The Western Downs Regional Council has conducted research into the impact of the recent floods, and CSG development on tourism and is coordinating discussions on this issue with regional tourism groups and State government. Zoe Carroll requested that the research be shared with QGC and committed to following up with Council.</p>

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	<p>Action: QGC to follow up with Western Downs Regional Council on tourism impacts (Zoe Carroll)</p> <p>Speeding Zoe Carroll informed the Committee that QGC had reminded contractors in toolbox meetings of the importance of driving to the road conditions and not speeding. Carl Martin added that In Vehicle Monitoring Systems are fitted to QGC and Tier 1 contractor vehicles. IVMS records when drivers do not wear seatbelts and when they speed. QGC monitors these records and will take disciplinary measures when safe driving practices are not followed.</p> <p>A Committee member remarked that in their experience QGC drivers do demonstrate safe driving practices. A QGC vehicle had stopped and assisted the Committee member after their vehicle had struck a kangaroo.</p> <p>Waste Zoe Carroll informed the Committee that the concerns regarding pressure on town waste facilities had been communicated with QGC's senior management.</p> <p>SunWater pipeline Zoe Carroll circulated a SunWater factsheet with the company's contact details. Committee members with questions on the pipeline were encouraged to contact SunWater directly.</p> <p>A Committee member asked whether QGC had the legal right to give away or sell treated water to SunWater. Zoe Carroll told the Committee that she was not familiar with the specific legislation or contractual arrangements and would follow up for the next meeting.</p> <p>Action: Provide information at next meeting (Zoe Carroll)</p> <p>A Committee member asked whether treated CSG water had started to be released into the Chinchilla Weir. Carl Martin replied that it has not.</p> <p>Location of camps Zoe Carroll informed the Committee that QGC has provided information on the location of camps to Western Downs Regional Council, as requested. Furthermore, Councillor Bill</p>

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	<p>McCutcheon has met with QGC's Emergency Response Advisor.</p> <p>Sustainability Indicators A Committee member asked when the Sustainability Indicators prepared by the University of Queensland's Centre for Socially Responsible Mining on behalf of QGC would be finalised. Zoe Carroll apologised for the delay and said the indicators would be circulated shortly.</p> <p>A Committee member said that Queensland Murray Darling Committee did not support the environmental indicators in the draft report from November. Specifically, there was insufficient reporting on strategic cropping land and surface water data.</p> <p>A Committee member added that for at least one indicator the reporting area included an area outside the Western Downs. Area data needed to be consistent and comparable.</p> <p>A Committee member offered to send more detailed comments to Zoe Carroll for circulation amongst the Committee and CSR. Zoe Carroll suggested that a longer time be allowed to revisit the indicators at the next meeting.</p> <p>Action: Zoe Carroll to include the Sustainability Indicators in the agenda for the next meeting and arrange for attendance from CSR.</p> <p>Action: Zoe Carroll to consolidate and send Committee feedback to CSR.</p> <p>The Committee reiterated the importance of the Sustainability Indicators in understanding the regional impact of CSG development and stressed the need for data to be comparable for enable comparisons between different CSG proponents.</p>
<p>d. Adoption of minutes</p>	<p>Jim Cavaye asked the Committee to formally consider the 3 November 2011 minutes and asked for suggested changes.</p> <p>A Committee member said their position on the Sustainability Indicators had not been adequately represented.</p> <p>The 3 November 2011 Regional Gas Field Community Committee minutes were adopted by the Committee on the</p>

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	<p>basis that the above comments on the Sustainability Indicators be noted.</p>
<p>e. Discussion items</p>	<p>Proposed changes to Environmental Authorities A Committee member expressed concern that companies were proposing changes to their EAs, just as non-governmental organisations had become familiar with approved EAs. In particular, two changes were of concern: disposal of drilling fluids and changes to ponds.</p> <p>Martin Crossley replied that QGC had not applied for any changes relating to the disposal of drilling fluids. Drilling fluids are contained and recycled – reused on other jobs. The drilling fluid used by QGC is not toxic; it is largely made up of guar gum and potassium chloride. When it has reached the end of its use, its is dewatered and the inert drill cuttings are buried below the root zone.</p> <p>Zoe Carroll said that QGC is currently seeking one EA amendment concerned with ponds – relating to one example, in one location. The amendment seeks authority to locate a portion of a fully lined concentrated brine pond within a protected zone. The authorisation for the brine pond itself had already been granted; the amendment is for the siting on QGC land. QGC has requested the change based on a number of factors including: minimising disturbance on nearby private lands and the fact that the proposed location had been cleared by grazing and was already highly disturbed.</p> <p>The Committee member replied that QMDC’s position was that no infrastructure should be cited in a buffer zone.</p> <p>Gas reinjection A Committee member asked whether QGC was reinjecting gas into aquifers while it waited for the pipeline and LNG facilities to be operational. The Committee member stated that this practice was not proven. Carl Martin replied that QGC was not reinjecting gas into the Walloon Coal Measures. However, reinjection into gas reservoirs has been done in many parts of the world.</p>
<p>f. Community feedback</p>	<p>Jim Cavaye invited Committee members to share feedback from their networks.</p> <p>Cumulative impacts</p>

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	<p>The Committee discussed cumulative impact management. A Committee member stated that there is no consistent definition of impact management. The Committee reiterated its support for a combined regional community committee and requested feedback on QGC's Industry Leadership Group. The Committee further suggested consideration of how to involve key decision makers from outside the CSG industry in cumulative impact management, including State and Local government. Zoe Carroll agreed to provide an update at the next meeting.</p> <p>Action: Provide update on cumulative impact management (Zoe Carroll).</p> <p>Wash down facilities A Committee member asked how runoff from wash down facilities is captured and disposed of. Ron Ottaway said that along the pipeline, mobile wash down units are used and capture the run off. The units are stationed outside of predefined areas where weeds have been identified. Ron Ottaway agreed to get back to the Committee with a completed design of the wash down facilities.</p> <p>The Committee said wider communication is needed on weed management activities. A Committee member suggested providing information through local newsletters.</p> <p>Action: Report back on wash down facilities water capture and disposal and investigate article on weed management for newsletters (Zoe Carroll).</p> <p>QCLNG pipeline A Committee member asked why there had been a stop in the pipeline work and whether this was related to safety concerns. Ron Ottaway replied that work along the right of way had stopped as a precautionary measure due to the expectation of wet weather.</p> <p>A Committee member said that producers felt they had not been kept adequately informed and that they had been inconvenienced by the delay as they try to manage their properties and businesses. Ron Ottaway replied that QGC was working with the contractor to get a revised schedule and would be contacting landholders to update them.</p> <p>A Committee member spoke about the danger to stock posed</p>

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	<p>by plastic bunting along the pipeline. If ingested it can lead to the loss of cattle.</p>
<p>g. Pipeline update</p>	<p>Ron Ottaway provided an update on QCLNG's collection header, export pipeline and the Narrow's Crossing. Key points were:</p> <ul style="list-style-type: none"> • The QCLNG pipeline has been engineered and is being constructed in accordance to the internationally recognized Australian standard AS 2885. – at 42 inches diameter it is the longest pipeline project of this size to be installed to-date in Australia. • The pipeline is being constructed by QGC's contractor, MCJV. The project involves: • Temporarily clearing a right of way for the construction period; typically it 40 meters wide. This allows sufficient space for the equipment required and for vehicles to travel which service the equipment and bring fuel. • Stringing of pipe along the right of way. • Pre-trenching in areas of rock, following which the trench is then backfilled and uncovered when pipe is ready to be laid. • Welding, and then testing of the weld which is done using Automated Ultrasonic Technology, providing a 3D image of the weld. If a repair is required it is made and the weld re-tested. • QGC will receive a permanent record of each weld with a GPS reading to locate the pipeline in the future during operations. • Trenching and lowering pipe into the trench. • Backfilling and reinstatement including re-laying of top soil preserved during the right of way clearing. • QGC has an erosion and sediment control plan for all disturbed areas. A full-time maintenance crew continuously monitors and maintains erosion and sediment controls. • Two of three camps for the pipeline construction workforce are operational: Camp 1 south-west of Chinchilla and Camp 2 south-east of Wandoan. A third west of Eidsvold is under construction. Each camp is designed to accommodate up to 600 people. • The pipeline is due for completion by end-2013. <p>A Committee member asked what the future maintenance of the pipeline right of way entailed. Ron Ottaway answered that the area will be reinstated to its condition prior to construction,</p>

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	<p>but without deep rooted plants. QGC will regularly monitor the right of way by helicopter and ground crews to ensure the integrity of the pipeline.</p> <p>A Committee member asked whether the pipeline is all laid to the same depth. Ron Ottaway replied that there may be some variation depending on land use, for example, pipes in areas of agriculture will be laid deeper. QGC maintains records of the depths.</p> <p>A Committee member asked if there was much movement in the pipe once it is laid. Ron Ottaway answered that for the most part the pipeline will not move as the friction between the pipe coating and soil act to hold the pipeline in place.</p> <p>A Committee member spoke about the mental and physical health of workers in camps. Ron Ottaway explained that these issues are considered carefully by QGC and the facilities designed to be of a very high standard. Counselling support is on offer and workforce initiatives have been established to raise awareness of mental and physical health issues.</p> <p>A Committee member asked how the camp sewage was dealt with. Carl Martin replied that for the Upstream camps QGC has a septic tank.</p> <p>A Committee member asked for a larger copy of the maps shown.</p> <p>Action: Zoe Carroll to provide copies of maps.</p>
<p>h. Upstream update</p>	<p>Carl Martin provided an update on QCLNG's Upstream operations. Key points were:</p> <ul style="list-style-type: none"> • QGC has been flaring wells along the Moonie Highway. Flaring is safe and a standard way to test rate of gas flow. • The procedure involves gas being burnt as it is released to test the flow rate from the well. The flare combusts the methane into carbon dioxide. • Phone calls were received from members of the community who thought there was a fire. QGC has since erected signs and contacted landholders in the area. <p>A Committee member asked how long a well is flared for. Carl</p>

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	<p>Martin replied that it depends on the well and QGC does not need to flare all wells, but typically three months.</p> <ul style="list-style-type: none"> • QGC has identified eleven ponds it will decommission over three years, as they are no longer required. The first three ponds have been agreed with the Department of Environment and Resource Management. <p>A Committee member asked whether the pond sites will be on a contaminated register. Carl Martin replied that QGC will work with the regulator to safely rehabilitate the land.</p> <ul style="list-style-type: none"> • The gas industry funds two helicopters for the Surat Basin as part of an Aero Medical Evacuation Service, at a cost of \$10 million a year. The AME recently marked its 50th mission since its launch in April. The service is available for both gas workers and members of the public and can be accessed by dialling 000. Intervention is determined by the emergency services based on clinical priority. • QGC donated \$50,000 for flood relief in Maranoa and is monitoring the situation in our own tenement areas.
<p>i. Environmental management</p>	<p>Martin Crossley presented on QGC’s approach to emissions. Key points were:</p> <ul style="list-style-type: none"> • The Australian regulatory context on environmental management is very robust. In addition, QGC is governed by the standards of its parent company, BG Group, a FTSE4Good company. • QGC’s emissions reporting is carried out in line with Coordinator General conditions; the Energy Efficiency Opportunities Act 2000 (Commonwealth Government); Natural Greenhouse and Energy Reporting; BG Group reporting; and the requirements of ISO 140001 Environmental Management System. • Full chain LNG emission reporting National Greenhouse Emissions Reporting is required by the Federal Government. • QGC’s emissions reporting is extensive, recording everything from diesel, emissions related to buildings, venting and flaring and fugitive emissions. • Fugitive emissions are defined as any unintentional leak that escapes from the system. It does not include regulated point source emissions, e.g. from stacks • When used for power generation, LNG delivered from

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	<p>Queensland to China will produce approximately 35% less greenhouse gas emissions than coal (this includes emissions associated with transport, liquefaction and production). The comparison with a Chinese coal fire powered plant is used as QCLNG's main customer is China.</p> <p>A Committee member asked for a larger version of the reporting matrix shown. Zoe Carroll agreed to circulate the image.</p> <p>Action: Zoe Carroll to send Committee members a larger version of the emissions matrix.</p> <p>A Committee member suggested that the emissions data be incorporated into the Sustainability Indicators.</p> <p>Action: CSRМ to investigate use of emissions data for the Sustainability Indicators (Zoe Carroll).</p>
<p>j. Social investment update</p>	<p>Zoe Carroll provided a summary of recent social investment activities. Key points were:</p> <ul style="list-style-type: none"> • The successful projects under the second round of the QGC Sustainable Communities Fund have been announced and are listed on the QGC website. • Profiles on the projects supported in the first round will shortly be available on our website. • QGC recently held information session on the QGC Sustainable Communities Fund. More than 60 people attended three sessions in the Western Downs. In total, more than 260 people registered for sessions across the QCLNG project area. • QGC has recently launched two projects related to our Social Impact Management Plan commitments: Good Sports and a Community Apprenticeship Program. • Both programs are significant, multi-year programs and leverage other funding sources / partner contributions. • Good Sports is part of QGC's Rural Health Initiative and is the third program we have launched under the initiative – the others being our partnership with Lifeline DDSWQ and the donation to the University of Southern Queensland's Nurses Bursary. • The Good Sports program promotes healthy lifestyles and responsible drinking in sporting clubs through a three step accreditation program aimed at diversifying income away from a reliance on alcohol sales and

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	<p>raising awareness of liquor licensing obligations.</p> <ul style="list-style-type: none"> • The diversification of income often improves the viability of clubs and strategies to attract and welcome families often results in more members/ players enhancing community cohesion. • QGC’s partner in the program, the Australian Drug Foundation, has been successfully running the program for ten years. • QGC’s Community Apprenticeship Program is one of four major initiatives under the SIMP theme of employment and economic development. • It is designed to address community concerns that the QCLNG project could create labour shortages and drain skilled labour from local businesses as well as maximise opportunities for income and employment for local people. • The three year-program will not provide salaries but will ‘value add’ existing government subsidies and other contributions by mentoring apprentices and matching local employers to willing apprentices to encourage retention and completion. • QGC’s partner in the program is BUSY at Work. BUSY has 34 years of experience in providing training, employment and apprenticeship management and support services in Queensland. BUSY won a competitive tender to deliver the program for QGC. <p>A Committee member asked whether projects funded through QGC’s Sponsorships and Donations program could be shared. Zoe Carroll agreed to provide a list at the next meeting.</p> <p>Action: Zoe Carroll to provide list of successful Sponsorship and Donations applicants.</p>
<p>k. Items for next agenda</p>	<p>Jim Cavaye invited the Committee to propose agenda items for the next meeting.</p> <p>A Committee member suggested that members meet prior to the next meeting to discuss the direction of the Committee. Zoe Carroll agreed to coordinate such a meeting for those who are interested and asked that feedback be provided at the next Committee meeting. Zoe Carroll referred the Committee back to the objectives in the QGC Community Committee Terms of Reference.</p> <p>Action: Zoe Carroll to coordinate meeting for Committee</p>

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	members ahead of the next meeting.

4. General Business

The Committee was advised of two changes to the Committee membership: Ros Wade has replaced Denis Sommerfeld as the Southern Community Committee representative and Carl Martin has taken over from Bruce Coats as a QGC representative on the Committee.

5. Meeting Close

The meeting was closed by Jim Cavaye at 12:30pm

The next QGC Regional Gas Field Community Committee meeting will be on 10 May 2012 from 10:00am to 12:30pm at the Chinchilla Customer Service Centre.

6. Regional Gas Field Community Committee Members

Representative	Organisation
Bill Nicholas	AgForce
Carollee Murphy	Western Downs Regional Council
Cr Carolyn Tillman	Western Downs Regional Council
Cecily Brockhurst	Northern Gas Field Representative
Ros Wade	Southern Gas Field Representative
Desley Gobbert	Department of Education and Training, DDSW Region
Floyd Leedie	Goondir Health Services
Kathie Fletcher	Queensland Murray-Darling Committee
Marion Loveday	Central Gas Field Representative
Carl Mitchell	Condamine Alliance