

Meeting Minutes



QGC Northern Gas Field Community Committee

Wednesday, 23 May 2012

Murilla Community Centre, 73a Murilla Street, Miles

1. Opening

The eleventh meeting of the QGC Northern Gas Field Community Committee was called to order at 2.30pm on the 23 May at the Murilla Community Centre facilitated by Mr Jim Cavaye, Independent Facilitator.

2. Attendees

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

QGC Northern Gas Field Community Committee Members	QGC Representatives
<ul style="list-style-type: none">• Cecilia Donohoe, Wandoan Liaison Group• Cecily Brockhurst, Murilla Community Centre• Helen Devlin, Wandoan Chamber of Commerce• Joe Abbot, Murilla Landcare• Lavinia Tyrell, Western Downs Regional Council• Rachel Kerwick, Miles Chamber of Commerce	<ul style="list-style-type: none">• Angus Hetherington, Manager Condamine Power Station• Brett Smith, Vice President Corporate• Oliver Blennerhassett, Land and Community Superintendent - North• Tom Clarke, North Area Asset Manager• Mark Riksen, General Manager Water Solutions• Lisa Cecchi, Manager Water Strategy and Communications• Zoe Carroll, Lead Community Relations Advisor• Lauren Wyvill, Social Performance Assistant
Apologies	Independent Facilitator
<ul style="list-style-type: none">• Bryan Power, Wandoan SS• Ann Hoare, Miles Health Service	<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>Angus Hetherington spoke about electrical safety.</p>
c. Actions from previous meeting	<p>Jim Cavaye reviewed the actions from the previous meeting.</p> <p>Pipeline Zoe Carroll advised QGC had contacted the landholders with pipeline grievances shared at the last meeting.</p> <p>Wash down facility Zoe Carroll provided an update on weed wash downs in Wandoan. Two companies – Weed Hygiene Inspection Services and Star Contracting – provide weed wash down certificates. We are in regular contact with the two companies to arrange certifications. QGC staff can also undertake training and wash their own vehicles using the council wash down facility in Wandoan.</p> <p>Environment Authority amendment Zoe Carroll said that a link to QGC’s Amendment Application for an Environmental Authority was provided by email following our last meeting.</p> <p>Erosion Zoe Carroll told the Committee that QGC has four full-time maintenance crews along the pipeline to monitor and maintain erosion and sediment controls.</p> <p>Driving Zoe Carroll said the Committee’s feedback on driving had been shared with the project team and contract owners. Zoe Carroll encouraged Committee members to report incidents to the QGC Community Hotline 1800 030 443.</p> <p>Pests Zoe Carroll provided an update on QGC’s baiting program</p>

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	<p>which is due to commence shortly on our Greenacres and Delga Park properties. QGC conducts baiting programs in conjunction with Western Downs Regional Council and our neighbours (roughly every six months).</p> <p>Brett Smith added QGC has a Rural Properties department tasked with ensuring we manage our land responsibly. A Rural Properties Officer is dedicated to our Northern region and can be contacted via Zoe Carroll for pest and weed control on QGC properties.</p> <p>Transport to Woleebee Camp Jim Cavaye advised that this action would be covered in the QCLNG update.</p> <p>Pipeline tour Zoe Carroll said the offer of a pipeline tour for Committee members remains open.</p> <p>QGC's Strengthening Local Employment program The project officer's contact details for QGC's Strengthening Local Employment program were sent by email following our last meeting.</p> <p>A Committee member said that the Murilla Community Centre had identified two trainees, but neither were eligible under the programme. Zoe Carroll said she would look into it.</p> <p>Action: Zoe Carroll to report back to Murilla Community Centre.</p>
<p>d. Adoption of minutes</p>	<p>Jim Cavaye asked the Committee to formally consider the 22 February 2012 minutes and asked for suggested changes.</p> <p>The 22 February 2012 Northern Gas Field Community Committee minutes were adopted.</p>
<p>e. Water update</p>	<p>Mark Riksen provided an update on QGC's approach to water management. Key points were:</p> <ul style="list-style-type: none"> • Water is a by-product of coal seam gas extraction. • Gas is trapped in the coals by water pressure. Water must be extracted to release the pressure and allow gas to flow. <p><i>Beneficial use</i></p>

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	<ul style="list-style-type: none"> • QGC’s objective is to make 97% of all produced CSG water available for beneficial reuse. • QGC is building a Water Treatment Plant in the Central region (Kenya WTP 92ML/day) and is proposing to build a second WTP in the Northern region (100ML/d). • The Kenya WTP will supply treated water to the Chinchilla Weir, through a pipeline built, owned and operated by SunWater. SunWater has entered into agreements to supply farmers, industry and the Western Downs Regional Council along the pipeline route and river. • The capacity of the northern WTP is equivalent to filling 40 Olympic swimming pools per day. • QGC is considering options for beneficial reuse in the north, including irrigation, reinjection pilot program, supply to the Glebe Weir, and Xstrata off take. <p><i>Groundwater</i></p> <ul style="list-style-type: none"> • QGC has lodged its Stage 2 Water Monitoring and Management Plan, which describes QGC’s approach to groundwater modelling; drawdown assessments; hydraulic fracturing; surface water monitoring and management; response actions and reporting commitments. • The Plan will become available for the public to view in the coming months. • QGC is planning to spend more than A\$1 billion on water management. • Extensive groundwater modelling has been conducted to identify areas where bores will be impacted by CSG extraction. • QGC is close to completing the baseline assessment for landholder water bores. The bore baseline assessment provides a “snapshot” to measure potential changes to water levels moving forward. • To date QGC has contacted owners of more than 2620 properties. • After three attempts, QGC has had responses from 1504 (57%) landholders. Of the 1504, 272 landholders had a total of 389 bores. • QGC has tested 201 of these bores to date and have made arrangements for the remaining assessments. • Results will be shared with landholders and DERM and the Queensland Water Commission. • Landholders are encouraged to get in touch with QGC if their bore has not yet been surveyed.

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	<ul style="list-style-type: none"> In addition to the bore baseline assessment program, QGC is establishing a separate, ongoing, monitoring network. This involves installing bores into five aquifers to track water levels. <p>The Committee recommended QGC use local newsletters and the ABC Radio Country Hour to draw landholders' attention to the importance of participating in the bore baseline assessment before it closes.</p> <p>Action: Zoe Carroll to investigate use of local newsletters and ABC Country Hour to notify landholders of the bore baseline assessment programme and closing date.</p> <p>A Committee member asked how bore baselines are measured where the pump set-up makes it difficult to get a reading. Mark Riksen explained that QGC does not want to physically interfere with the pump and that when we can't take a physical reading we use data books, information on the bore construction and water quality, and information from surrounding bores. Approximately 95% of the 201 bores assessed to date have been through physical readings.</p> <p><i>Underground Water Impact Report</i></p> <ul style="list-style-type: none"> Queensland Water Commission has published the Underground Water Impact Report (UWIR) for the Surat Cumulative Management Area. The findings are consistent with QGC's modelling. The UWIR predicts CSG production will have a very limited impact on overlying/underlying aquifers Of 21,000 listed water bores in the Surat 85 are predicted to be impacted in first three to five years (29 of which are on QGC tenements). 528 predicted to be impacted in the long-term across all four CSG projects QGC will enter into make good agreements for bores identified as being within the Immediately Affected Area as outlined by the UWIR in the next three years. The UWIR will be reviewed and updated every three years. <p><i>Brine</i></p> <ul style="list-style-type: none"> QGC is investigating options for brine management. Brine is a by-product of treating CSG water for beneficial reuse. QGC's preference is commercial use and four trials are taking place to demonstrate

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	<p>technical feasibility.</p> <p>A Committee member asked whether QGC would measure flow rates as part of the bore baseline. Mark Riksen replied that as a general rule QGC would not as flow rates can be affected by a number of factors including bore construction, pump corrosion, depth of the well.</p> <p>A Committee member commented while Queensland Water Commission has cited that there will be minimal impacts on groundwater, for a landholder with one impacted bore, it is one too many.</p> <p>A Committee member asked how QGC will make good. Mark Riksen answered that make good will be negotiated with landholders to suit the individual – not a blanket solution. Make good could include deepening bores, compensation or drilling another bore.</p> <p>The Committee discussed water modelling and how years of monitoring would be needed to validate the models.</p>
<p>f. Community feedback</p>	<p>Jim Cavaye invited Committee members to share feedback from their networks.</p> <p>Cumulative water impacts Jim Cavaye advised that a question submitted by email on cumulative underground water impacts would be addressed in the presentation on water.</p> <p>Roads The Committee discussed road impacts, including quality of the roads and increased traffic. The Committee asked who conducts road upgrades and maintenance on behalf of QGC and who is responsible if a contractor damages property during road repairs?</p> <p>Brett Smith said a similar discussion had been had at QGC’s Central Community Committee meeting earlier that day.</p> <p>QGC is investing in road upgrades. We have agreements with both the state and local governments. We are investing approximately \$20 million for impacts on state roads and \$180 million towards road upgrades in the Western Downs.</p> <p>Road maintenance and upgrades are carried out by Western</p>

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	<p>Downs Regional Council. Road complaints should be reported to WDRC or the QGC community hotline [1800 030 443].</p> <p>Brett Smith undertook to find out more about how Council prioritises roads to repair and to arrange a roads presentation for the next meeting.</p> <p>Action: Brett Smith to contact Western Downs Regional Council regarding prioritisation of road works and arrange a roads presentation for next meeting.</p> <p>Weeds A Committee member said Landcare had been approached to host a forum on weeds. CSG companies, Council and other sectors would be invited to discuss approaches and gaps. Zoe Carroll undertook to coordinate QGC participation.</p> <p>It was suggested Council's Weed Strategy be a starting point for discussion.</p> <p>Action: Zoe Carroll to follow up with Landcare on the weed forum.</p> <p>Pipeline A Committee member asked about the delay to the collection header pipeline. Brett Smith said that it has taken longer to weld and bury the pipe than we had anticipated. However, progress is now being made.</p> <p>As at 11 May, along the collection header, QGC had completed 100% (or 197kms) of the clearing, grading and stringing along the right of way. 89% (175kms) of the welding had been completed and 9% (18kms) of the trenching, lowering and backfilling.</p> <p>Welds are tested using ultrasonic welding technology, which picks up the smallest imperfections. In total, there will be 46,200 welds on the pipeline. If any welds fail to meet standards, they are repaired and re-scanned before being accepted. A third welding machine has been brought on to speed up the process.</p> <p>QGC's contractor is clearing the black plastic which has been a concern for producers. Landholders are encouraged to contact their land access consultants if they find any plastic</p>

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	<p>remaining on their properties.</p> <p>A Committee member said a landholder along the pipeline has complained that they have had no contact from QGC in several weeks. Zoe Carroll asked for the landholder's details in order to follow up with their Land & Community Liaison Officer.</p> <p>Action: QGC to contact landholder (Zoe Carroll).</p> <p>A Committee member asked about QGC or its pipeline contractor's policy on leaving open trenches over ten day breaks. Zoe Carroll replied that trenches are fenced where the pose a safety risk to people or animals. Additional measures taken to improve safety of open trenches include security patrols along the right of way and dirt ramps in the trench.</p> <p>A Committee member said that ramps would not prevent injury to stock. During negotiations it was believed that fencing would occur. Zoe Carroll agreed to follow up.</p> <p>Action: report feedback on trench fencing (Zoe Carroll).</p> <p>Negotiations</p> <p>A Committee member reported that a landholder had felt unhappy with the negotiation process and felt the negotiator had not acted properly. Brett Smith said QGC takes disciplinary action, including dismissals, where staff are found to have breached QGC's procedures. Brett Smith passed on his business card and asked that the Committee member have the affected landholder contact him directly.</p> <p>Work in wet weather</p> <p>Jim Cavaye asked Zoe Carroll to comment on a question received in advance of the meeting regarding the policy of QGC contractors for working in the wet. Zoe Carroll said contractors make decisions about working in wet weather; a key factor in their considerations is safety. Please call the community hotline on 1800 030 443 if you have any concerns.</p> <p>If the right of way is damaged. QGC's policy is clear on remediation – the right of way is to be rehabilitated to its preconstruction status.</p>

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<p>g. QCLNG update</p>	<p>Tom Clarke provided an update on QCLNG activities in the north. Key points were:</p> <ul style="list-style-type: none"> • QGC’s presence in the north is increasing with the opening of QGC’s Wandoan office, a growing Land and Community team dedicated to the region and participation in local events, such as the recent Wandoan Show and Rodeo. • Delga Park continues to be the focus of our northern construction activity. The camp on the property has 100 beds but will grow to 1100. A Water Treatment Plant and pond is planned for the site and a Telstra communications tower has been built – extending the Telstra Next G Network for both QGC and the community. • Away from Delga Park, we plan to construct Field Compressor stations on our Kathleen, Cameron and Polaris blocks. • We will conduct pilot tests on wells in Woleebee, Kathleen and Cameron in Q3. Gas will be flared for extended periods – normal practice in the industry – and data collected on gas flow rates. • Construction workers will largely fly to Roma and be bussed, but some may travel from Chinchilla. • A paramedic will be based on camp primarily for emergencies, but they will also treat minor ailments. <p>A Committee member said local medical centres have seen an increase in the number of patients booking medicals which are time consuming and stretch resources.</p> <p>Angus Hetherington said there has been a change in Workplace Health and Safety legislation requiring new medicals.</p> <p><i>Environmental authority</i></p> <ul style="list-style-type: none"> • The Woleebee Creek Environmental Authority covers upstream development for initial development phase – applications for changes are expected as planning matures. • Two amendment applications to date. • Transfer of Environmental Authority associated with transfer of interest in petroleum tenures. • Amendments to support development: <ul style="list-style-type: none"> ○ increasing capacity of the Woleebee Creek water treatment plant to 100 ML/d

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	<ul style="list-style-type: none"> ○ allowing certain infrastructure to be constructed within buffer zones ○ facilitating certain construction activities ○ aligning Woleebee Creek EA to “model conditions” .
h. Condamine Power Station update	<p>Angus Hetherington provided an update on Condamine Power Station. Key points were:</p> <ul style="list-style-type: none"> ● There is currently a lot of activity around CPS. This is to with QCLNG and other projects. ● The QGCLNG Miles Supply Base has been constructed by the rail line, substantially reducing the number of trucks required to deliver goods. ● Well construction on Bellevue. ● A mini LNG plant is being constructed near CPS. It is not a QGC-development. ● CPS will be a customer for the treated CSG water from the Windibri Water Treatment Plant.
i. Housing	<p>Brett Smith provided an update on QGC’s Integrated Housing Strategy. Key points were:</p> <ul style="list-style-type: none"> ● Housing is a very visible impact from large projects. ● Housing issues take a long time to resolve for a range of reasons, including land availability, permitting, and construction time. ● The housing market is complex and, again, there are a number of factors that contribute: access to financing, investors from outside the area, cumulative housing needs. ● QGC considers impacts both on a rising market and a falling market. ● QCLNG has conditions on housing from the Coordinator General. These include facilitating the construction of housing for 75% of the long-term, new settlers QCLNG employs in the Western Downs, and providing resources for affordable and community housing at a rate of one unit per eight imported workers. ● QGC’s Integrated Housing Strategy sets out how QGC will meet these conditions. In summary: <ul style="list-style-type: none"> ○ Construction workers will be housed in camps. ○ Long-term, operations staff are encouraged to live in towns. QGC expects 60 new settlers to move to the region for operations jobs with

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	<p>QGC.</p> <ul style="list-style-type: none"> ○ QGC will build 56 houses – 75% of 60 in line with the Coordinator Condition. The first 30 will be tendered this year – five are planned for Miles and two for Wandoan. ○ We will invest \$5.7 million in social and affordable housing. <ul style="list-style-type: none"> ● QGC funded the Western Downs Regional Council's Affordable Housing Strategy, which looks at the potential impact on housing of the ~40 major projects currently planned for the region. ● Council has since established a housing trust to pool investments from project proponents to build social and affordable housing. ● QGC will invest in the trust to meet our commitments to affordable and social housing as outlined in the Integrated Housing Strategy. <p>A Committee member asked about opportunities to tender for QGC housing. Brett Smith agreed to connect those interested with a member of his team.</p> <p>Action: QGC to make introduction (Zoe Carroll).</p> <p>A Committee member asked who would occupy the 30 houses. Brett Smith outlined a number of options being considered including: returning to market, employee use, and social housing.</p>
<p>j. Items for next agenda</p>	<p>Jim Cavaye invited the Committee to propose agenda items for the next meeting.</p> <p>No additional items were proposed.</p>

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4. General Business

Committee members were invited to QGC's Wandoan Office on Royd Street for a sausage sizzle on June 12 from 11:00am to 2:00pm.

5. Meeting Close

The meeting was closed by Jim Cavaye at 5:00pm.

The next QGC Northern Gas Field Community Committee meeting will be on 22 August from 2:30pm to 5:00pm at the Wandoan Customer Service Centre.

6. Northern Gas Field Community Committee Members

Representative	Organisation
Cecilia Donohoe	Wandoan Liaison Group
Sharn Pogan	Miles SHS P&C
Cecily Brockhurst	Murilla Community Centre
Helen Devlin	Wandoan Chamber of Commerce
Joe Abbot	Murilla Landcare
Lavinia Tyrell	Western Downs Regional Council
Bryan Power	Wandoan SS
Rachel Kerwick	Miles Chamber of Commerce
Ann Hoare	Miles Health Service