

Meeting Minutes



QGC Pipeline Community Committee

Thursday 1 March 2012
Monto Community Hall, 51 Newton Street, Monto

1. Opening

The sixth meeting of the QGC Pipeline Community Committee was called to order at 1.30pm on Thursday 1 March 2012 at the Monto Community Hall, 51 Newton Street, Monto. Facilitated by Mr Jim Cavaye an Independent Facilitator.

2. Attendees

The following people attended the QGC Pipeline Community Committee meeting:

QGC Pipeline Gas Field Community Committee Members	QGC Representatives
<ul style="list-style-type: none">• Adam Clark (Wildlife Preservation Society of Queensland) no proxy• Cr Paul Francis (North Burnett Regional Council)• Cr Warren Middleton (Banana Shire Council)• Glen Baker (North Burnett Landcare Group)• Neville Galloway (AgForce)• Phillip Casey (Thangool Inc)• Ray Geraghty (Banana Shire Council)• Rosemary Munroe (Banana Shire Support Centre)• Trevor Harvey proxy for Andrew Jackson (North Burnett Regional Council)• Melinda Priest (Monto Community Development Council) no proxy•	<ul style="list-style-type: none">• Bill Spencer, Pipeline Advisor.• Bal Saini, Lead Community Relations Advisor – Pipelines• Deirdre Fagan-Pagliano, Community Liaison Officer• Kester Hubbard, Communications Advisor
Apologies	Independent Facilitator
<ul style="list-style-type: none">• Maree Johnson (Thangool State School P&C) no proxy• Sally Moller (Anglicare)• Dianne Morris (Enterprise Biloela)	<ul style="list-style-type: none">• Jim Cavaye, Cavaye Community Development

Meeting Minutes



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 (JC) led roundtable introductions of community committee members and QGC representatives.</p> <p>Apologies were offered as recorded above.</p> <p>JC gave a broad overview of the meeting format.</p>
b. Safety moment	<p>JC invited Committee members to share a safety moment.</p> <p>Rosemary Monroe (RM) reflected on a near miss and advised the importance of having car lights on when driving dark coloured vehicles to increase visibility for other drivers.</p>
c. Adoption of minutes	<p>JC asked the Committee to formally consider the 15 December 2011 minutes and asked for suggested changes.</p> <p>The 15 December 2011 QCLNG Community Committee minutes were adopted with following notes</p> <p>Section e – A community member advised of planned upgrades to Mundubbera (sealed), Monto (sealed) and Eidsvold (grass strip) airports. He suggested a strategic analysis of airports to identify any benefits for the project.</p>
d. Actions from previous meeting	<p>JC reviewed the actions from the previous meeting.</p> <p>Section d – Community members suggested a DVD explaining CSG be provided to North Burnett and Banana councils for displaying at local tourist information centres.</p> <p>QGC to ensure councils know when camps are established so that information on local attractions/events can be promoted to contract staff.</p> <p>Using Thangool/ Mundubbera/Monto airports and if relevant Thangool flight times be supplied to school.</p> <ul style="list-style-type: none"> • MCJV Logistics has advised at this stage buses to transport workers. Remain as action item for update if necessary.

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	<p>Environment Offsets, Woleebee Creek and Right of Way tour.</p> <ul style="list-style-type: none"> - Member met Upstream Environment Advisor and toured the Right Of Way with Pipeline Environment Officer. Still waiting on information. <p>SIMP wording relating to Traffic Impacts.</p> <ul style="list-style-type: none"> - Member met with QGC representative and satisfied from reviewing current publications the issue has been amended. <p>Weight restrictions across Callide Creek railway.</p> <ul style="list-style-type: none"> - Total pipe was within the carrying capacity of the rail network. QR contact details provided for follow up if necessary. <p>Deep gas and rigs in the Taroom area.</p> <ul style="list-style-type: none"> - Query regarding the scope of the project. QGC representative presented information at the meeting. <p>Health Services.</p> <ul style="list-style-type: none"> - QGC camps will have paramedic on site - expected impact is minimal. <p>Promotion of the CSG.</p> <ul style="list-style-type: none"> - QGC Fracking display available. Members to identify and invite QGC to appropriate events. <p>Pipe haulage from Biloela to Camp 4 and trip frequency.</p> <ul style="list-style-type: none"> - QGC contacted MCJV to reinforce trip times. Haulage completed on 3/1/12. <p>Some concerns relating to length of time between RoW clearing and pipe being laid.</p> <ul style="list-style-type: none"> • QGC has developed and is implementing a certified Erosion and Sediment Control Plan reviewed by DERM. • A full-time maintenance crew continuously monitors and maintains erosion and sediment controls. • Developed and is implementing a Weed Management Plan in consultation with councils and DEEDI. • Declared weed infestations have been identified. Wash-down facilities strategically placed at these locations. • Weed Hygiene Declaration procedures in place across the project. • QGC strategy to ensure erosion controls in place for wet season.

Meeting Minutes



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	<p>Policy regarding worker’s down time and opportunity to stay at camp.</p> <ul style="list-style-type: none"> - Although no specific policy in place the contract/ employment conditions state days of work. The contractor organises the travel for employees. <p>Confirm the contractual requirements of catering contractor ESS.</p> <ul style="list-style-type: none"> - ESS has not started to contract for goods and services in Banana and North Burnett as such have no preferred suppliers outside of their established national supply chain. Those suppliers currently servicing ESS in other areas will not automatically be selected to supply in the northern areas. - Catering and cleaning part of provided services. - ESS, as with all camp service providers, operate and price based largely on established national supply chains. This means that such things as meat, chemicals, bulk fresh food and dry food are supplied out of capital cities and ports by major wholesalers. - However there is scope for local suppliers to provide a backup supply. There is also scope for some products like stationery to be purchased locally. <p>Potential future partnerships and engagement at local schools for indigenous students.</p> <ul style="list-style-type: none"> - QGC working with state government departments to develop models and subsequent initiatives that support achieving outcomes as related to Indigenous Employment, Training and Business Development. <p>QGC Disability in Workplace Program/Initiative</p> <ul style="list-style-type: none"> - QGC commitment to help vulnerable groups as part of the Busy At Work training program. More information during meeting presentation.
<p>e. Community Feedback</p>	<p>JC invited Committee members to share feedback from their networks. Issues raised by community members included:</p> <p>Promotion of CSG</p> <ul style="list-style-type: none"> - ACTION: Community members suggested a DVD explaining CSG be provided to North Burnett and Banana councils for displaying at local tourist information centres. <p>Opportunities for staff to attend local events</p> <ul style="list-style-type: none"> - ACTION: QGC to ensure councils know when camps are

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	<p>established so that information on local attractions/events can be promoted to contract staff.</p> <p>Local Supplier Workshops.</p> <ul style="list-style-type: none"> - Positive feedback on recent local supplier workshops held in Banana and North Burnett Shire council areas. <p>Sustainable Communities Funding.</p> <ul style="list-style-type: none"> - Positive feedback on the recent Sustainable Communities Funding workshops held in Banana and North Burnett Shire council areas and the successful Round 2 projects. <p>Pipe haulage from Duck Holes Road to Thangoon.</p> <ul style="list-style-type: none"> - Query whether pipe would be hauled along Right of Way (RoW) or by road.QGC advised there would be some road transportation yet to be finalised. Members suggested a media statement. <p>Woleebee Creek water pipeline to Glebe Weir</p> <ul style="list-style-type: none"> - Further information sought on the proposal. - ACTION: QGC to provide further information. <p>Update on the welding and reasons for slow down</p> <ul style="list-style-type: none"> - QGC advised contractor slowed down due to predictions of wet weather. The welds will be subject to 100% automatic ultrasonic testing to ensure they meet Australian and international standards and that QGC can be totally confident of the pipeline's integrity. - Applus RTD, one of the world's leading providers of non-destructive weld examination, has started the ultrasonic testing process. If any welds fail to meet standards, they are repaired and re-scanned before being accepted. <p>EIS amendments.</p> <ul style="list-style-type: none"> - Member stated an increasing number of public notices to change approved Environmental Impact Statements. Although not necessarily QGC. ACTION: QGC to comment at future meeting if appropriate. <p>Camp 3 status</p> <ul style="list-style-type: none"> - QGC advised occupation expected by end of March 2012.
f. QCLNG update	Bill Spencer provided a construction update, the key points

Agenda item	Details
	<p>included:</p> <p>QCLNG Upstream</p> <ul style="list-style-type: none"> • Over 60 development wells were drilled last quarter, using four drilling rigs. • Drilling is being ramped up significantly with 11 rigs expected to be operating in 2012 aiming to drill 40 to 50 wells per month at peak. • The first Reverse Osmosis water treatment plant, at Windibri, has been commissioned. <p>Pipeline</p> <ul style="list-style-type: none"> • 42" line pipe produced, coated, shipped. • Haulage to infield locations complete. • Mainline welding commenced. • Land Access – Gas Collection Header: 100% complete and Export Pipeline: 98% complete. • As at February 2012 : <ul style="list-style-type: none"> ~ 196km (99%) clear and grade complete. ~ 159km (80%) ROW stringing complete. ~ 55% welding complete. <p>Gas Collection Header Camps</p> <ul style="list-style-type: none"> • Camp 1 (established) - south-west of Chinchilla. • Camp 2 (established) - south-east of Wandoan. • Designed to accommodate 600 people. <p>Export Pipeline</p> <ul style="list-style-type: none"> • North Burnett Regional Council Area: <ul style="list-style-type: none"> ○ Secondary roads inspected; ○ ROW clear and grade to commence in March; ○ Delivery of pipe to ROW for stringing and welding in April. • Banana Shire Council Area: <ul style="list-style-type: none"> ○ Phase 3 TMP is being finalised; ○ Delivery of pipe to ROW scheduled in June. • Camp 3 (near completion) - west of Eidsvold. <ul style="list-style-type: none"> ○ Approximately 170 personnel occupancy in March • Camp 4 (November 2012) - South East of Biloela. <p>Narrows Crossing</p> <ul style="list-style-type: none"> • Pipes transported to site December 2011 - June 2012. • Narrows Crossing site offices mobilised, temporary staging area for equipment and materials established. • Temporary camp at Benaraby established. • Access way section of 255m up to Humpy Creek

Agenda item	Details
	<p>complete.</p> <ul style="list-style-type: none"> • Temp access way from the Mainland section to Humpy Creek complete. • Humpy Creek Bridge construction nearing completion. <p>QCLNG Midstream Update</p> <ul style="list-style-type: none"> • All mainland facilities completed and operational. • Construction dock construction completed and operational. • The first wall lift of LNG Tank B has been concreted. Tank A, sub-base preparation completed. • Approx 150 employees housed on Curtis Island in temporary workers' accommodation. Incremental occupation will total 1700. • Structural steel assembly commenced in Thailand fabrication yard.
<p>g. Natural Gas Exploration</p>	<p>Kester Hubbard provided an overview of QGC exploration</p> <p>Background</p> <ul style="list-style-type: none"> • Natural gas (same as found in coal seam gas wells) that is stored in sandstone reservoir rocks 2.5 – 4.5 kilometres underground. • Typically contains more than 98% methane, with very small amounts of nitrogen and carbon dioxide. • Gas formed by decomposition of biological matter and then trapped within deep Permian aged sandstones. • Gas held in place by the low permeability of the rock. <p>QGC Exploration Activities</p> <ul style="list-style-type: none"> • Initial exploration within four tenements. Southern area geographically the Surat Basin, but geologically the Bowen Basin. Northern area is geographically and geologically in the Bowen Basin. • Exploration operations: <ul style="list-style-type: none"> ○ Well drilling, hydraulic fracture stimulation ○ Seismic surveys ○ Four wells drilled in phase one ○ Additional four wells planned for 2013 <p>Equipment and drilling technique</p> <ul style="list-style-type: none"> • There are only a few drilling rigs in Australia capable to drill for deep gas. The contracted rig is operated by Weatherford International. • Drilling takes 40-60 days, with a crew of about 30 working continual 12 hour shifts.

Agenda item	Details
	<ul style="list-style-type: none"> • Rock core samples collected to test for presence of gas. • Rig's mast is about 45 metres high - average CSG rig about 15 metres high. • The rig was shipped from Geraldton to Gladstone late in July. It was trucked to the Moa well site over 3-4 days. (70 truck movements for rig). <p>Water</p> <ul style="list-style-type: none"> • The gas wells have been designed so there will be no impact on the aquifers within the Great Artesian Basin. • The wells will be securely cased with several layers of steel and cement to prevent any contact with the aquifers. • The water required for drilling operations and hydraulic fracturing will be sourced from existing groundwater supplies and stored in a pond at the well site. • Expected that about 50% of the water we pump into a well will be recovered after hydraulic fracturing occurs and returned to the water storage pond. • Water returned to the surface will be retained in the water storage pond until it can be treated by reverse osmosis at a later date. <p>Bore monitoring</p> <ul style="list-style-type: none"> • Testing and monitoring registered bores within a radius up to 5km of each well site to measure groundwater levels and quality before activities commence and throughout the exploration process. • Well exploration not expected to have any impact on aquifers. QGC committed to gathering the information to identify any impacts, should they occur in the future. <p>Seismic Surveys.</p> <ul style="list-style-type: none"> • To gather data about rock formations and identify areas where gas is likely to be present. Three distinct locations west and south of Condamine in 2011, around Taroom in 2012 and West of Moura in 2013. • Seismic trucks follow roads where possible to reduce impact on private properties and survey crews stay at camp located central to overall survey area. <p>Future investment</p> <ul style="list-style-type: none"> • Many stages between current exploration and future development. • Next stage would involve more pilot wells to test extent

Meeting Minutes



Agenda item	Details
	<p>and capacity of resource.</p> <ul style="list-style-type: none"> • Unlike CSG wells that require a separate pad for each well, with deep gas wells use directional drilling to drill multiple wells from the same drill site. • Discovery of sufficient gas resources to progress beyond this phase would require significant financial commitment from parent company BG Group to then fund environmental and social impact assessments of developing the resources for commercial production.
<p>h. QGC Strengthening Local Workforce Program</p>	<p>Martin Claus provided an overview of QGC's Strengthening Local Workforce Program.</p> <ul style="list-style-type: none"> • 3-year, \$3.5 million social impact management and investment program to support skills development in non-CSG industries. • Managed by BUSY at Work, a leading not-for-profit workforce planning organisation with significant expertise in community-based employment and training programs. • Program was launched in February 2012. • Will be implemented within the QCLNG Project Local Govt Areas. • BUSY Support Officers will be based in Dalby, Biloela, and Gladstone. <p>Project aims to:</p> <ul style="list-style-type: none"> • Mitigate the potential labour draw towards CSG and supporting industries. • Invest in local skills development to enable long-term community benefits. • Assist with the employment of 200 apprentices/ trainees. <p>Support program includes:</p> <ul style="list-style-type: none"> • Providing support in outsourced management of staff on an end to end basis – recruitment to career development. • Career development strategies for staff. • Coaching for employers and supervisors. • Personal development training. • Assistance with recruitment. • Soft skills training with over 42 training packages for staff and supervisors. <p>Vulnerable Group Support</p> <ul style="list-style-type: none"> • Approximately 60 places available for vulnerable groups; <ul style="list-style-type: none"> • Indigenous Australians

Meeting Minutes



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	<ul style="list-style-type: none"> • Persons with a disability • Mature Aged • Long-term Unemployed • Disengaged Youth
<p>i. Social Performance Update</p>	<p>Deirdre Fagan-Pagliano provided an update on key activities in past quarter</p> <p>Sustainable Communities</p> <ul style="list-style-type: none"> • Information Sessions <ul style="list-style-type: none"> – 222 people attended across project area – 88 attendees in North Burnett and Banana Shires • \$409,000 Round 2 Funded Projects <p>Community Road Safety Program</p> <ul style="list-style-type: none"> • Road Aware: Staying Safe Together. • Launched 27 June 2011. • Developed in conjunction with communications consultancy and renowned road safety advocate Russell White. • Two streams – awareness and education. • Awareness component (June – end 2012). • Education component (late 2011 – end 2012). <ul style="list-style-type: none"> • Primary school program – school visits and education packs. • High school program – school briefing, education packs, simulator program and online tutorial. • Visiting 17- 20 April – Biloela, Monto and Moura. <p>Key issues raised by Gasfields R/LCCCs</p> <ul style="list-style-type: none"> • At the December meeting members requested a summary of issues being discussed at other RCCC meetings. As Facilitator at those meetings JC outlined the following key issues and QGC mitigation/action strategies to address: <ul style="list-style-type: none"> • Affordable accommodation • Road impacts • Impact on groundwater levels • Rosters • Land management

Meeting Minutes



Agenda item	Details

3. General business

- Members agreed QGC should invite Glenda Vasey, Gladstone Area Group Apprentices (GAGAL) Biloela local manager to represent the Education/Training sector on the RCCC.
- Agenda items for the next meeting were sought. Members requested update on Environmental Management.

4. Meeting Close

The meeting was closed by Jim Cavaye at 4.30pm.

The next QGC Pipeline Community Committee meeting was scheduled for 1.30pm on Thursday 7 June in Biloela.

Meeting Minutes



5. Pipeline Community Committee Members

Representative	Organisation
Neville Galloway	AgForce
Sally Moller	Anglicare
Cr Paul Francis	North Burnett Regional Council
Andrew Jackson	North Burnett Regional Council
Cr Warren Middleton	Banana Shire Council
Ray Geraghty	Banana Shire Council
Rosemary Munroe	Banana Shire Support Centre
TBA	Education and Training
Dianne Morris	Enterprise Biloela
Melinda Priest	Monto Community Development Council
Glen Baker	North Burnett Landcare Group
Phillip Casey	Thangool Inc
Maree Johnson	Thangool State School P&C
Adam Clark	Wildlife Preservation Society of Queensland