

Meeting Minutes



QGC Central Gas Field Community Committee

Wednesday 19 June 2013
QCWA 53 Heeney St Chinchilla

1. Opening

The 15th meeting of the QGC Central Gas Field Community Committee was called to order at 09:05am on Wednesday 19 June at the QCWA Hall facilitated by Mr Jim Cavaye, Independent Facilitator.

2. Attendees

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

QGC Central Gas Field Community Committee Members	QGC Representatives
<ul style="list-style-type: none">• Don Bell, Chinchilla and District Landcare• Brooke Bird, Chinchilla Community Commerce and Industry• Leanne Evans, Chinchilla Community Unity Group• Allison Young, Chinchilla State High School• Doreen Goldsmid, Chinchilla Family Support Centre• Tim Reid, Condamine Cods	<ul style="list-style-type: none">• Brett Smith, Vice President Sustainability• Rebecca Crawford, Social Performance Manager• Kristelle Darr, Social Performance Coordinator Central• Stephen McCalmont, Area Asset Manager (Central)• Jamie Kemshead, Land & Community Superintendent – Central
Apologies	Independent Facilitator
<ul style="list-style-type: none">• Trudy Tronc, Department of Communities• Mike Boniface, Western Downs Regional Council	<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:

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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>A committee member raised the issue of farm safety particularly when using equipment and machinery.</p>
c. QGC Update	<p>Stephen McCalmont provided an update of QGC's activities in the Central region. Key points were:</p> <p>Current activities:</p> <ul style="list-style-type: none"> • Drilling in McNulty and Matilda John Blocks • Argyle and Bellevue field compression stations now on-line • Gathering activities in Kenya and Lauren fields • Installation of well site surface facilities in Kenya and Lauren fields (QGC property) • Construction and commissioning of water treatment plant at Kenya and associated ponds • Construction of Bellevue central processing plant and Kate/Matilda John/McNulty field compression stations • Construction of Kenya lateral pipeline • Construction of Gas Collection Header – complete • Upgrade of Gaspers Road – McNulty block – complete. <p>Major Activities Planned:</p> <ul style="list-style-type: none"> • Matilda John, Kate, McNulty Field Compression Stations' and Bellevue Central Processing Plant construction • Drilling and gathering activities in Berwyndale block – APLNG land • Drilling and gathering in Matilda John – 19 wells in State Forest • Drilling and gathering activity in McNulty block • Survey activity in Avon Downs and McNulty blocks • Construction of regional storage pond in McNulty block (40Mega Litres) • Drilling wells in Lauren and Kenya blocks • Pipelines between Kenya and Bellevue blocks – Upstream Infrastructure Corridor (UIC). <p>Stephen gave an overview of a spider plough and how it assists QGC with its work. In suitable soil that isn't too rocky the spider plough allows water and gas gathering pipeline to be laid at the</p>

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	<p>same time, dramatically reducing the length of the construction period.</p> <p>The committee had questions about the QGC Update. Key points were:</p> <ul style="list-style-type: none"> • The Bellevue pipeline will form part of the Gas Collection Header. The full Export Pipeline will start at Wandoan. • Gathering pipelines connect wellsites back to the field compression stations. There is some pressure in the polythene pipelines (max ~ 60PSI). • The field compression stations at Kenya and Windibri are gas fired however all of the new field compression stations and central processing plants will be electric. • QGC are investigating using electricity to power wellsite facilities in the future. <p>The key message from Stephen McCalmont was that construction in the Central region will continue to be busy until late 2013.</p> <p>The committee commented that gravel and water trucks were adding to the increased heavy traffic on the local roads because some contractors were not using the closest pits. The issue has been raised with Origin and QGC who were working to ensure that all contractors are using the allocated routes in their traffic management plans.</p> <p>Stephen McCalmont said currently there were no more plans for major infrastructure in the Central Region and therefore traffic should begin to ease towards the end of the year.</p>
<p>d. Water Update</p>	<p>Stephen McCalmont, Area Asset Manager (Central) presented a water management update. Key points were:</p> <ul style="list-style-type: none"> • Water is a by-product of gas extraction; gas can't flow until water is extracted. • QGC aims to make 97% of all produced water available for beneficial use. This requires treatment of the water by two state of the art water treatment plants, use of reverse osmosis technology and a partnership with SunWater to utilise existing water supply schemes. <p><i>Beneficial Use – Central / Southern outlet</i></p> <ul style="list-style-type: none"> • SunWater has built, owns and will operate the pipeline to the Chinchilla Weir. • QGC uses reverse osmosis technology to ensure water is suitably treated while SunWater is responsible for water distribution. • While construction of the Chinchilla pipeline has concluded, the pipeline is still awaiting final approval of the recycled

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	<p>water management plan to ensure the water is suitable for discharge into the weir.</p> <ul style="list-style-type: none"> • The recycled water management plan requires produced water samples to be taken and tested for water quality from the plant to first ensure water quality is suitable. Once deemed suitable approval will be given. • The total treatment capacity from the Central/Southern area water treatment facilities will be 92ML/d • It is anticipated that distribution to customers from this pipeline will occur by late July 2013. (pending Recycled Water Management Plan approval) <p><i>Beneficial Use – Northern outlet</i></p> <ul style="list-style-type: none"> • SunWater has started constructing the pipeline to Glebe weir • Water from the Northern water treatment plant will be supplied to customers in the Dawson Beneficial Use Scheme • The treatment capacity of the Northern plant will be 100ML/d • Water will be supplied to customers along the Northern pipeline by late 2014. <p><i>Brine management – Water Management Policy</i></p> <ul style="list-style-type: none"> • Treatment of CSG water (via reverse osmosis) produces approximately 3% saline water or reverse osmosis reject (RO reject) from the reverse osmosis process • Brine concentrators are designed to reduce the volume of RO reject and produce concentrated brine • Brine is currently stored in specially made temporary storage brine ponds, sized so that production can continue until the brine management policy is complete • Brine temporary storage ponds are constructed to a high standard using double HDPE liners and leak detection systems • There is sufficient concentrated brine storage capacity on site at <ul style="list-style-type: none"> - Kenya Water Treatment Plant – managed brine produced until 2016; and - Northern Water Treatment Plant – managed brine produced until 2020.

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	<p>A committee member questioned what QGC would do if a leak was discovered in the pond?</p> <p>Stephen McCalmont said that all ponds were specially engineered to high standards and the lining used had strong wall integrity. An emergency response plan for leakages had been developed to deal with any problems that may arise. If a leak was discovered the pond would be scanned to detect where the leak was and specialised divers with the required equipment would be sent to fix it.</p> <p>The committee asked for more information to be provided to the broader community about the ponds and how QGC plans to manage its surface water.</p> <p>Action: QGC to provide further information regarding ponds and surface water management.</p> <p>There are two solutions being considered by QGC for longer term brine management. These are:</p> <p>Regulated waste facility</p> <ul style="list-style-type: none"> • This is the Environmental Impact Study (EIS) base case for all CSG proponents • It entails mechanical brine crystallisation • Storage of (dry) mixed salt in dedicated cells • Improved control/containment in a tailor-made regulated waste facility • Site selection could be existing or landfill operation or a new site • Best available technology approach for encapsulation. <p>Selective Salt Recovery (SSR)</p> <ul style="list-style-type: none"> • QGC, APLNG and Arrow Energy are working in collaboration to evaluate this option - Four pilot trials have been completed in France, Germany, US and Adelaide - Demonstrated technical feasibility to produce commercial grade salts • Starting to determine commercial and technical feasibility • If it was decided that SSR was suitable all proponents would utilise the same facility • A decision is pending about whether the option of processing the salts for market is commercially viable.

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	<p><i>Northern Infrastructure Corridor (NIC)</i></p> <ul style="list-style-type: none"> • QGC is preparing to survey a 132km route for a pipeline easement from Woleebee Creek to Kenya. • This pipeline is intended to link the northern and central water treatment plants so that only one regulated waste facility or selective salt recovery plant would be required. • The easement is 60m wide and is primarily intended to transport produced water and by product from the water treatment plants however it could also contain other infrastructure such as power and fibre-optic cables. <p><i>Groundwater monitoring network</i></p> <ul style="list-style-type: none"> • The baseline groundwater assessment has been completed for the QCLNG project and has been used to determine what the bore levels were at during the time of monitoring. • The baseline groundwater assessment is the basis of the make-good arrangements. It will assist in providing information on the regional impact through comparisons between baseline, groundwater monitoring and government legislation. • The Walloon Coal Measures are isolated from the main sources of water commonly used in the area and it is not expected that there will be a significant decrease in the Great Artesian Basin. • The area will be heavily monitored by both QGC and the government. <p>The committee had a number of questions about QGCs water management plan. Key points made include:</p> <ul style="list-style-type: none"> • Water reinjection is typically not one of QGC's preferred methods because of the complexity of finding a suitable aquifer to take water quantities within QGC's tenements. For some proponents in other regions reinjection is an option due to the larger aquifers. • Hillsides along the NIC may mean that pump stations will be required in some areas along the pipeline. • All produced water along the NIC will be transported through double-layered pipelines. • QGC is responsible for the water extracted from coal seams during gas extraction and has an obligation to make that water available for beneficial re-use. Reverse osmosis is used to treat the water in accordance with Australian standards. SunWater is responsible for water distribution.

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<p>e. SIMP Six Monthly Report Update</p>	<p>Kristelle Townsend provided an update on QGC's recent social investment initiatives. Key points were:</p> <ul style="list-style-type: none"> • QGC has committed to invest \$32 million on up to 56 houses in various towns across the Western Downs Region. Twenty seven houses have been completed • The first two houses in Miles have been completed and will be leased at no cost to Darling Downs Hospital and Health Service to assist with recruitment and retention of health workers in the region • QGC has invested 5.7million in the Western Downs Housing Trust for affordable housing. The development process is progressing <ul style="list-style-type: none"> - Blocks for development identified - Website being developed to provide housing trust activity updates and the council's affordable housing strategy - Proposal for first development is under evaluation • As of March 2013 QGC and its major contractors had employed approximately 11,600 people • There has been an increase of over 4,000 (approx. 60%) of QGC/QCLNG workers since March 2012 • In April 2013 QGC had around 130 vacancies for long-term skilled operational roles • At March 2013: <ul style="list-style-type: none"> - 822 QGC and major contractor employees were residents of the Western Downs region. This is approximately 7% of the QGC workforce - QGC and major contractors had employed 342 apprentices, trainees, graduated and cadets - The Strengthening local workforces program had assisted 76 trainees and apprentices located in Western Downs region to start their training • Sustainable Communities Funding project for Round 5 has been decided and will be announced over the coming weeks • To date 38 projects have been funded in the Western Downs Region, worth more than \$1.2million • QGC has been actively engaging and supporting recent community events including Youth Week, Smoked Fish, Wandoan, Miles and Chinchilla Show days and Chinchilla Melon Festival.

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f. Actions from previous meeting	<p>Jim Cavaye reviewed the actions from the previous meeting.</p> <p>Industrial Planning CCCI informed the committee that they are no longer pursuing this particular issue and therefore it can be closed.</p> <p>Welcome Packs Kristelle Townsend attended the most recent CCCI committee meeting. Discussed at the meeting were the committee's ideas on what might be suitable from a business perspective for welcome packs. CCCI are reassessing their website and are liaising with the local Council around what information is suitable for the CCCI website and what information might be relevant for the local Tourist Information Centre. Kristelle Townsend will continue to liaise with Brooke and Western Downs Regional Council (WDRC) as to what support QGC could provide to assist with a welcoming and integration project.</p> <p>Action: The committee requested some welcome packs be dropped at the high school for new teachers and families arriving to the area. Kristelle Townsend or Brooke Bird to drop these to the school.</p> <p>Ag Force QGC attended the Agforce workshop on pest management as well as a number of other regional based workshops also being run by Western Downs Regional Council and the Southern Inland Pest Management group. QGC is constantly identifying where meaningful engagement with working groups relating to pest management can be beneficial not just to QGC but as part of a regional approach to pest management.</p> <p>Spider Plough Stephen McCalmont provided a photo and explanation of a spider plough in his QGC update during the meeting.</p> <p>Committee Attendance It was noted that committee attendance was a little short at the March meeting. The committee was asked whether they felt there were any other key community representatives missing from the Central Gas Field Community Committee. The committee was invited to email suggestions of other representatives to Kristelle Townsend between this meeting and the next in September.</p>

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<p>g. Adoption of minutes</p>	<p>Jim Cavaye asked the Committee to formally consider the Wednesday 6 March 2013 minutes and asked for suggested changes.</p> <p>The 6 March 2013 Central Gas Field Community Committee minutes were adopted.</p>
<p>h. Community feedback</p>	<p>Jim Cavaye invited Committee members to share feedback from their networks.</p> <p>Trucks Distance travelled and behaviour of drivers was raised by the committee.</p> <p>Brett Smith said that all of the routes being taken by trucks are gazetted routes from the traffic management plans, which QGC has approval to use from Western Downs Regional Council. QGC's agreement with the council includes traffic estimates and payments to the council for road maintenance and where applicable road upgrades of confirmed routes.</p> <p>Registration details of vehicles suspected of not adhering to the traffic management plan should be provided to the QGC community information line.</p> <p>Road Maintenance Road maintenance for roads in the traffic management plans is ongoing. Some large works which have been ongoing such as Kumbarilla Lane are now close to being completed, which will enable the council to reallocate resources to other roads in the region.</p> <p>The committee questioned the amount of traffic on the roads carting water and gravel.</p> <p>Action: QGC to update the Committee on QGC water and gravel supply procedures.</p> <p>Transport for School Students The committee commented that the Queensland Minerals and Energy Academy (QMEA) program used to support Chinchilla High School Chemistry and Physics students with transport costs to yearly field trips. The question was asked whether QGC could offer any support towards this to help offset travel costs for families.</p> <p>Action: Kristelle Townsend to send QGC's sponsorship and donation application to Allison Young at Chinchilla State High School.</p>

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i. Items for next agenda	<p>Jim Cavaye invited the Committee to propose agenda items for the next meeting.</p> <p>From discussion raised at the meeting further items for discussion are:</p> <ul style="list-style-type: none">- Ponds and emergency response leakage management- QGC and surface water management- Water and gravel transportation

4. General Business

Jim Cavaye welcomed the new QGC Social Performance Manager, Rebecca Crawford who has recently taken over from Zoe Carroll. Jim acknowledged Zoe Carroll's contribution to the committee over the past years and thanked her for the support.

Chinchilla Family Support is value adding to their current services. They now have assistance with English for those from non-English speaking backgrounds in addition to art therapy for mentally, emotionally and physically disabled people.

A committee member commented that this will be very useful for the community as they have noticed an increase in multilingual children at the local schools.

5. Meeting Close

The meeting was closed by Jim Cavaye at 11.15am followed by a site tour.

The next QGC Central Gas Field Community Committee meeting will be on 11 September 2013 from 9:00am to 11:30am at the QCWA Hall, 53 Heeney Street Chinchilla.

6. Central Gas Field Community Committee Members

Representative	Organisation
Alison Young	Chinchilla State High School
Trudy Tronc	Department of Communities
Don Bell	Chinchilla and District Landcare
Leanne Evans	Chinchilla Community Unity Group
Doreen Goldsmid	Chinchilla Family Support Centre
Tim Reid	Condamine Cods
Jason Johnston	Chinchilla Community Commerce and Industry
Mike Boniface	Western Downs Regional Council