

OPERATIONS BULLETIN

ISSUE #24 JUNE 2017

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QGC FAMILIES VISIT CURTIS ISLAND



Two thumbs up for the QGC family day! Over 240 people visited QGC's Curtis Island LNG plant during May to see where their loved ones go to work each day.

The families of the QGC Curtis Island LNG plant staff in Gladstone saw where their loved ones go to work each day at the QGC Family Days during May.

Over 240 people visited the island over two days with families taking the ferry from the Gladstone mainland to Curtis Island, which is how staff travel to work every day.

Family members saw a glimpse into island life with the video 'A day in the life of a production technician' featuring Mark Land, a Gladstone local.

After viewing QGC's maintenance building and workshop, a narrated bus tour took families around the LNG plant to view the two LNG trains, LNG storage tanks, flare system and the export jetty.

The plant operators hosted a tour of QGC's main control room, the central hub for safe operation of the LNG plant.

The highlight for the children and those young at heart was the visit to QGC's fire station. The children boarded QGC's fire truck and ambulance, held the fire hose, wore fire protective clothing and tried out rescue equipment.

With over 95% of QGC's employees and contractors living in the Gladstone area, it was a great opportunity for the extended QGC family to get a close up look at the LNG plant and a better understanding of how it works.

Howard and Shirley Baker, parents of Lee Baker, QGC Production Shift Manager, said "We were so pleased to see where our son worked and to get a better understanding of what they do. It was amazing. A real eye opener".

Yvonne Strzelecki, Client Administrator for Sealink, who works at QGC's mainland ferry terminal, visited Curtis Island for the first time in four years, this time with the family in tow.

"The boys and I had a blast! Thank you for giving us the opportunity to participate in the fun and see the plant and operations now that they are fully up and running. The bus commentary explained all the different areas of the plant really well. The fire station and nurse were just plain fantastic – I couldn't drag the kids away from there! All in all, well done, I'm proud to work with QGC!"



The Baker family are all smiles on the way home from the QGC Family Day, after seeing where son Lee Baker spends his days.

SURAT BASIN



QGC's Charlie Field Compression Station construction is nearing completion.

This section features information about activities in our natural gas development areas that cover more than 4,900 square kilometres and span from south of Tara to north-west of Wandoan.

WELL SITE INSPECTIONS

A team of 50 operators inspect each of QGC's more than 2,500 wells once a fortnight. Operators are required to adhere strictly to land access and weed management rules for individual properties. This team, who drive utility vehicles, represent a major proportion of our light vehicle movements around the region.

PIPELINE INSPECTIONS

QGC operators work in small teams to inspect the 543km Wallumbilla Gladstone Pipeline easement to monitor the infrastructure and progress of vegetation rehabilitation.

In June, the following activities will occur:

- Aerial inspections from west of Dalby (Ruby Jo site) to west of Wandoan (Woleebee Creek site) and between Chinchilla and Gladstone during the first half of the month.
- Daily, on-ground easement inspections from west of Dalby (Ruby Jo site) to Gladstone.

WATER TREATMENT

The Northern Water Treatment Plant, at Woleebee Creek south-west of Wandoan, and the Kenya Water Treatment Plant, south-west of Chinchilla, are successfully processing water produced in the surrounding gas fields for beneficial use within these regions.

These two water treatment plants enable QGC to make available 97% of produced water for beneficial use.

The following table summarises the average daily production at each water treatment plant and the total volume of water processed to date in 2017.

WATER TREATMENT PLANT	AVERAGE DAILY PRODUCTION (MAY 2017)	2017 YEAR TO DATE PRODUCTION (AS AT 31 MAY 2017)
Kenya	32.7 ML/d	4939 ML
Northern	11.6 ML/d	1750 ML

CHARLIE PROJECT UPDATE

Construction of the Charlie project on QGC's tenements west of Wandoan is progressing to schedule.

The development involves the construction of 300-400 wells, a large field compression station and associated pipelines and facilities which will feed into existing gas processing and water infrastructure at Woleebee Creek.

April was an injury free month across the project with no recordable injuries.

All of the Charlie wells have now been drilled, well site facilities installed and hundreds of kilometres of gathering pipelines, cables and gas trunklines are now in place.

The construction of the Charlie Field Compression Station is nearing completion with civil and below ground works finished.

The project has created up to 1,600 construction jobs and has created business opportunities for local Queensland and Surat Basin businesses.

Between July and December 2016, QGC's Charlie contractors spent over \$1.9 million in the Surat Basin region.

PROJECT RUBY UPDATE

QGC announced Project Ruby in March 2017 and construction has already progressed with 18 of the 161 wells drilled and 28 well pads constructed.

The project is the next development to sustain the supply of domestic gas and LNG production from QGC's existing tenements.

Approximately 350 kilometres of water and gas gathering pipelines will be built. The project will not include the construction of field compression stations, processing plants or water treatment facilities. This project will utilise existing infrastructure in the central and southern development areas.

GLADSTONE

QGC'S LNG OPERATOR TRAINEES ON SITE



Caption: QGC's LNG operator trainees gain practical knowledge on their recent visit to the LNG plant on Curtis Island. Pictured from left to right: Trainees Samuel Keyworth, Amy Varker, Shaynae Millers; Jake Curtis, Danielle Gillmeister and David Lemalu with QGC Midstream Operations Manager Adrian Button (far left) and QGC Asset Manager Peter Norman (far right).

Ten LNG operator trainees, six hosted by QGC, began their Certificate III in LNG Process Plant Operations in February this year, embarking on a two-year course which enables Gladstone locals with no LNG experience to start gaining qualifications to apply for LNG Process Operator roles.

While their training to date has centered on the classroom, our six QGC trainees recently visited Curtis Island which helped bring their learnings to life. Trainees spent three days with our learning team and production crews gaining practical knowledge which will assist them in tackling the technical LNG plant and process modules of the course.

The trainees will return to site later this year when they will undertake the bulk of their on-the-job experience with their production crews.

QGC UPGRADES ROADS

QGC is upgrading various roads, some of which are currently being worked on, and other upgrades will start in coming weeks. Road upgrades are summarised below:

PERRETS ROAD

There are some small potholes on the approach to the Horse Creek crossing. QGC recommends drivers slow down and drive carefully to conditions. Western Downs Regional Council has been alerted and is arranging repairs.

CECIL'S ROAD

Final sealing of Cecil's Road will take place this month. All other road works are complete.

RYALS ROAD

Western Downs Regional Council is preparing the costs for the upgrade of the Horse Creek Crossing. All other road works to Ryals Road are complete.

GOLDEN'S ROAD

Western Downs Regional Council has approval to construct a further one kilometre section of gravel upgrade from the end of the recently completed works.

BUNDI ROAD

There are three floodways where damage to the pavement exists. Western Downs Regional Council has been alerted and is arranging repairs.

Weather conditions and unforeseen events, may impact dates and timings of work and repairs. All works will be performed in accordance with a council approved traffic management plan. Please adhere to the advisory traffic signage installed before and during the closure periods. We thank you for your patience and encourage all drivers to keep safe and drive to conditions.

Increased traffic to the Charlie and Ruby projects are expected as construction progresses. QGC's detailed transport management plan for the project includes In-vehicle Monitoring System tracking for all QGC vehicles and traffic controls in affected areas. For any concerns please phone the QGC Community Information Line on 1800 030 443.

SAFETY INNOVATION ON CURTIS ISLAND COULD SAVE LIVES

QGC Mechanical Technician, Ross Davison, recently won a QGC Goal Zero Hero award for his innovative solution to prevent dropped objects.

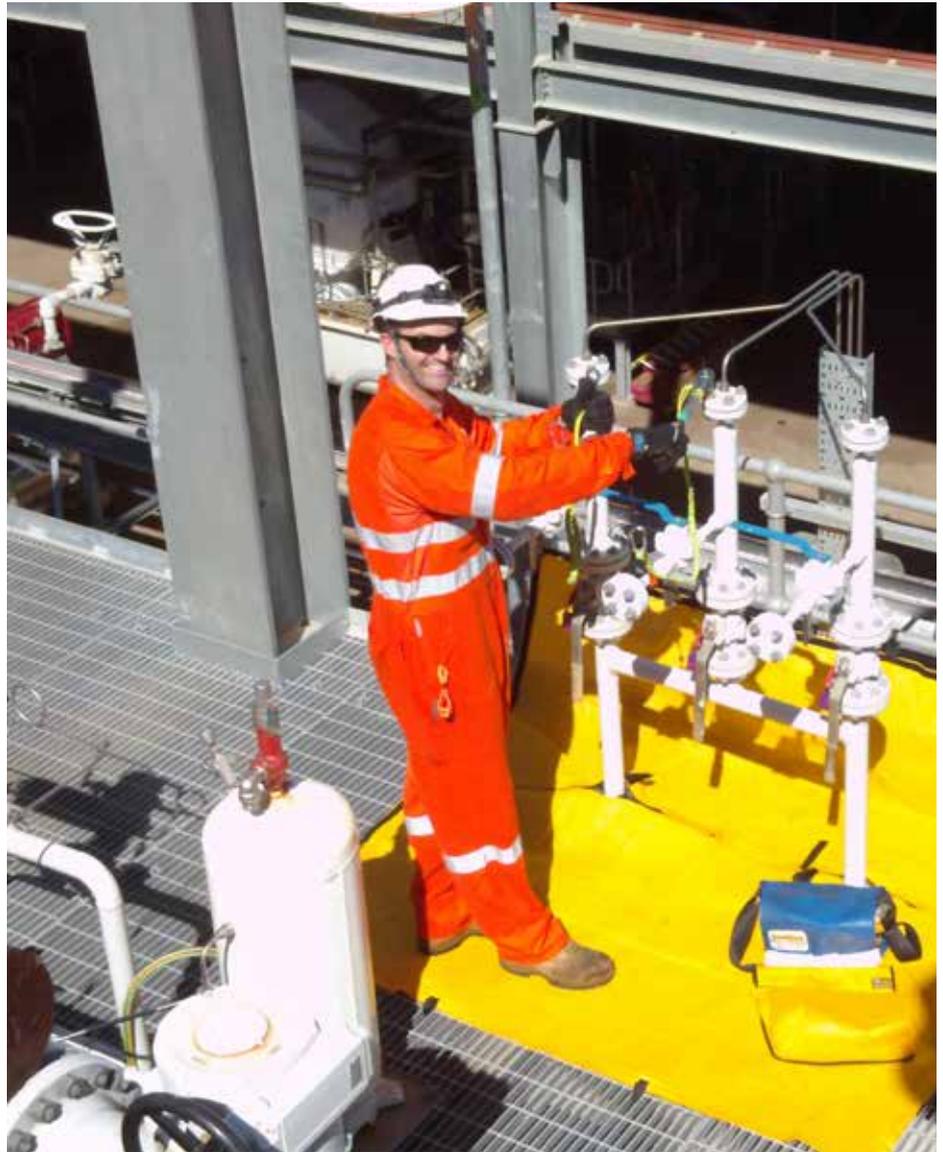
Ross who wanted to make the working environment safer and prevent injury, took the initiative to work with a local company to introduce a new piece of equipment to replace the leather weld blankets that prevent dropped objects to make the working environment safer and prevent injury.

Coalport Bags, located south of Mackay in Hay Point, developed the design concepts after testing four dropped object prevention blankets. As a result, QGC is now sourcing 30 more sets to issue to all work groups across mechanical, electrical and operations on Curtis Island.

The kits can be adjusted in size with additional blankets if required and have been designed to ensure there are no trip hazards. They are produced using a fire retardant material which is bright yellow to ensure it is noticeable from below where work is occurring above.

QGC's upstream team is already looking to place an order for work groups in the Surat Basin.

Safety is a deeply held value by QGC and Goal Zero is part of Shell's vision to prevent safety incidents.



QGC's Ross Davison uses his innovative solution of a new dropped object prevention blanket to help prevent injuries and save lives.

BECOMING A SUPPLIER

QGC supports the long-term, economic sustainability of the regions in which we operate through providing the opportunity to supply the business with competitively priced goods and services.

Our Local Content Policy targets four goals: supporting competitive procurement, facilitating job creation, promotes reconciliation and builds economic sustainability.

We actively encourage our employees and contractors to source quality, cost-effective goods and services locally, based on full, fair and reasonable opportunities.

This is in line with our participation in the voluntary Queensland Resources and Energy Sector Code of Practice for Local Content administered by the Queensland Resources Council and as required, project-based Australian Industry Participation Plans.

Visit <http://www.bg-group.com/australia/becomingasupplier> to register your interest in becoming a supplier or for a fact sheet on how to access our supply chain.

COMMUNITIES

DATE	LOCATION	ACTIVITY
15 June	Chinchilla	Central/Southern Regional Community Consultative Committee Meeting If you had feedback for your community representative, please find a full list of representatives: http://www.bg-group.com/762/qgc/sustainability/community/community-consultative-committees/
16 June	Miles	Northern Regional Community Consultative Committee Meeting If you have feedback for your community representative, please find a full list of representatives: http://www.bg-group.com/762/qgc/sustainability/community/community-consultative-committees/
4 July	Chinchilla	Chinchilla Show, Chinchilla Showgrounds. Cost: Free gladstonefestival.com/harbourfestival
11 July	Gladstone	Tuesday 11 July, Central Queensland University – Leo Zussino Building, Bryan Jordan Drive, Gladstone 6:00-7:00pm
4 – 6 August	Tara	Tara Camel Races, Tara Showgrounds http://www.tarafestivalincamels.org.au/

WESTERN DOWNS SMALL BUSINESS BOOST FROM QGC AND THE CHAMBER OF COMMERCE AND INDUSTRY

Over 50 Western Downs community members attended the fifth series of the CCIQ Business Forums in May.

The QGC funded forums provided expert advice to small businesses on essentials such as innovation, business development, sales and human resources and industrial relations.

In addition to the workshops, 30-minute free one-on-one sessions were available, for businesses to receive tailored and confidential advice relevant to their business needs.

Lenore Long from Abrahams Drapery in Miles said "the one-on-ones were informative. It was a very helpful session."

Brooke Beil who owns the Woolshed Bakery in Tara also said the presenters were great and the session was "very well organised and provided very helpful information".

The workshops are part of the Strengthening Local Chambers program developed in partnership by QGC and CCIQ.

The program provides resources and support to local businesses in managing and taking advantage of the ongoing changes and opportunities in the region.

QGC has provided \$492,580 to the program since 2013. Five local chambers in the Western Downs, Miles, Chinchilla, Jandowae, Tara, Wandoan, participate in the program.



Tara's Woolshed Bakery owner, Brooke Beil, found the QGC funded, Chambers of Commerce and Industry (CCIQ) Business Forums very helpful and well organised. Pictured are (left to right) Tara Futures Group President Joe Abbott, Chambers of Commerce and Industry Senior Employer Advisor Damian Di Santo and Woolshed Bakery Owner Brooke Beil



QGC's team spoke with over 500 community members about some of our most exciting technology at the Chinchilla Show in May. Pictured are Questacon's Tour Coordinator Aidan Murray and Assistant Tour Coordinator Matthew Dunn, QGC Community Adviser Kristelle Townsend, QGC Community Liaison Officer Katie Taylor, Centre for Online Health Telehealth Project Manager Lisa Garner with drone experts Insitu Pacific's Senior Project Manager Craig Rose and QGC's Demand Manager Smart CSG Mike Hoppood.

TECHNOLOGY ON DISPLAY AT THE CHINCHILLA SHOW

The Shell Questacon Science Circus drew huge crowds at the QGC exhibition at the Chinchilla Show in May.

Crowds were entertained with a science shows featuring air, bubbles and balloons as well as five hands-on exhibits featuring maths and coding.

The Shell Questacon Science Circus aims to inspire young people, primarily in regional areas of Australia, to engage in science, technology engineering and maths, and the possible career options these fields present.



QGC's Remotely Piloted Aircraft System (RPAS) was also on display to the 500 attendees who visited QGC over the two-day event.

QGC's RPAS partner Insitu Pacific showed attendees a model of the Unmanned Aerial Vehicle (UAV) technology or as commonly known, drone.

QGC has supported the Chinchilla show for five years and provided \$5,000 of funding for the 2017 event.

MONGOLIAN JOURNALISM STUDENTS LEARN ABOUT ONSHORE NATURAL GAS IN CHINCHILLA

QGC recently hosted a group of 20 senior Mongolian journalists who are studying ways to improve media coverage of sustainable mining development in Mongolia.

Ms Bolor Zaankhuu from Mongolia's Eagle TV News took part in the visit, which included a stop at the QGC Chinchilla information centre. She said it was very beneficial and an excellent program for the journalists at a much-needed time.

"We learnt about the key issues for sustainable mining practices around the world and had a chance to speak to experts in the field," Ms Zaankhuu said.

The delegation heard from QGC on natural gas development and operational practices in the Western Downs, as well as the environmental, social and political considerations.

The University of Queensland's Sustainable Minerals Institute, who QGC has a co-operative research relationship with, invited QGC to participate in the event.



ANZAC DAY IN THE WESTERN DOWNS



QGC's Anthony Ellerman and Matthew Howse presented a book donation at the Wandoan ANZAC day ceremony. The team also paid respects at the ANZAC day march and service in Chinchilla.

This Operations Bulletin is designed to provide communities in the Surat Basin and Gladstone with a variety of information about our activities. It has been developed in response to feedback from community members interested in understanding what to expect from our operations.

We look forward to your feedback at community@qgc.com.au

ENQUIRIES

For all general enquiries, please call 1800 030 443 (24 hour toll free) or email community@qgc.com.au

Visit our information centres at:

Chinchilla

Woolworths Complex,
Shop 18-20 Nrll Dytry,
Chinchilla, QLD 4413

Gladstone

72 Goondoon Street,
Gladstone, QLD 4680

Wandoan

27 Royd Street,
Wandoan, QLD 4419