

# OPERATIONS **g** BULLETIN

ISSUE 11 MARCH 2016

## Environmental system internationally certified



▲ *QGC is the only natural gas company in Australia to receive certification (ISO:14001) of its Environment Management System.*

QGC's system guiding the company's environmental performance in the Surat Basin has been developed and certified to an international standard, driving performance beyond regulatory requirements.

As a result of the development of the Environment Management System (EMS) the business has implemented targets and performance measures to ensure QGC's operations team continually deliver a high level of environmental performance.

QGC is the only natural gas company in Australia to receive certification (ISO:14001) of its EMS by independent certifier Lloyds Register Quality Assurance.

Through the rigorous certification process, QGC was required to demonstrate that it had operational controls in place to manage risks to the environment from its operations.

QGC's EMS covers its operational activities in the Surat Basin including well development, power stations, central processing plants, field compression stations,

well operations, water treatment, camps and offices in Brisbane and Chinchilla, as well as all workshops and warehouses.

The certification provides assurance to government regulators and the community that strict operational controls are in place to manage risks to the environment.

The EMS is a QGC environment standard requirement and drives our continuous improvement of environmental performance.

QGC's Lead Compliance, EMS & Reporting Advisor, Sam Heritage said "Receiving certification is a significant achievement considering the scale of infrastructure of QGC's operations.

Certification confirms QGC's commitment to managing environmental risks posed by its operations. I am very proud of the commitment made by the upstream operations team throughout the audit program."

QGC aims to bring the Queensland Curtis LNG facility into the certification later this year.

## Surat Basin

This section features information about activities in our natural gas development areas that cover more than 3,700 square kilometres and span from south of Tara to north-west of Wandoan.

### Drilling rigs

We are currently drilling about 25 wells a month to expand our inventory.

The following activities are planned for March:

- three rigs drilling new CSG wells
- nine rigs completing new wells and servicing existing wells
- 14 crews building new access roads and well pads and rehabilitating existing and old well pads
- two mobile fluid treatment plants at Woleebee Creek and Kenya servicing these rigs. Mobile fluid treatment plants clean the fluids from drilling operations for reuse on the rigs
- one crew completing well and surface equipment maintenance
- one rig decommissioning old wells.

Rig crews stay in small mobile camps that are set up near the rigs. On average, rigs are relocated every three to four days and require 11 to 20 truck movements. Rigs and camps are moved in accordance with travel management plans that are approved by local governments and the Queensland Department of Transport and Main Roads.

### 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 construction update

The pipelines team have now begun mobilisation of crews for the construction of the Charlie gas and water pipelines. This project includes a 33km steel gas pipeline and a 31km water pipeline. These two lines connect the new Charlie Field Compression Station to the existing Woleebee Creek plant.

The contract for construction of the two pipelines has been awarded to CPB Contractors (previously called Leighton's Contractors), who have engaged Murphy Pipe and Civil as their early works pipeline contractor.

### Gathering

This work is in addition to ongoing installation of gas and water gathering pipelines to connect new wells to our existing processing networks. The following activities will occur in March:

#### West and north-west of Wandoan

- Pipe trenching, pipeline laying and backfilling and tying in connections.
- Construction of gathering risers into well leases.
- Rehabilitation of construction sites and pipeline easements.

#### West and south of Chinchilla

- Pipe stringing and welding.
- Pipe trenching, laying, backfilling and tying in connections.
- Construction of gathering risers into well leases.
- Rehabilitation of construction sites and pipeline easements.

### 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 March, 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 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. QGC aims to recycle 97% of produced water into treated water suitable for beneficial use.

The following table summarises the total volume of water processed in to date in 2016 and the average daily output.

Plant	Current nominal output (February 2016)	2016 output to date (as at 15 February)
Kenya	50 ML/day	51.9 ML/day
Northern	20 ML/day	21.7 ML/day

*\*Nominal output is the average nominations for the month.*

## Offices and logistics

Hutchinson Builders are completing upgrades to QGC's Woleebee Creek camp to support construction of the Charlie project which will be completed by April 2016.

During March you will continue to see dongas safely transported on the road to support increased activity on the project.

Most accommodation modules are completed as well as an additional gym. An additional kitchen and mess are also being installed.

## Gladstone

### QGC support helps grow Gladstone printing company

It may have begun with a small order in 2011, but Gladstone Printing Services manager Jackie Mannix can clearly recall the first job QGC ordered after approaching the local commercial printing company for a quote in 2011.

"The first job in from QGC was to bind training materials," Jackie said. "It was a relatively small job but it was a great starting point and our relationship just grew from there.

Five years on, and the family-owned commercial printing company, established by Jackie's stepfather and mother in 1980, is still supplying QGC's Midstream team, although the diversity and scale of orders has increased markedly.

The business, which employs 11 full-time and two casual employees, regularly fills Midstream orders ranging from customised industry tags to stickers and signage.

"The relationship we have with QGC, like so many of our clients, has been built on 'face-to-face' interaction," Jackie said. "They want to be able to walk in and talk to us, show us what they want and we, sit down and work out how we can make it happen.

"I think it's why QGC keep coming back because we do have that attitude and flexibility. We're proof that regional businesses can be innovative; can deliver just as well, if not better, than our competitors in Brisbane."

Jackie said QGC had been integral to helping the business grow.

"Aside from the work orders received during construction and now operations, we also signed an apprentice through QGC's Local Workforce Program.

"Laura Liesting joined us as a school leaver and is still with us - she's now in her third year as an apprentice graphic designer.

## Workforce transport

Our people are transported by charter flight or bus between Brisbane and the Western Downs and by bus between their accommodation and worksites to reduce traffic on the roads and to minimise risks associated with driving while fatigued between QGC office at Carmichael Street, Chinchilla, and Windibri site office, plus up to two return services on weekends. Route includes Chinchilla-Tara Road and Kogan-Condamine Road.



▲ Gladstone Printing Services manager Jackie Mannix has been working with QGC for 5 years.

"The program was just fantastic – it gave us access to young talent and Laura the opportunity to start a career in her home town."

Jackie also attributes the QGC relationship with prompting their company to seek ISO 9001:2008 quality management system accreditation, which was completed in late 2015.

"It was a big undertaking but it gives us a great edge against our competitors. We want clients like QGC to know, without a shadow of a doubt, that when they order a product from us that it does go out the door in perfect condition.

"Having that accreditation is a big step forward for us."

## Waterside Restricted Zone

The following information is provided on behalf of QGC and Gladstone Ports Corporation to users of Gladstone Harbour near the LNG facilities on the south-eastern corner of Curtis Island.



*For up-to-date information on activities in Gladstone Harbour, please remember to always check the Gladstone Ports Corporation website [www.gpcl.com.au](http://www.gpcl.com.au), which includes information about hazards and safety zones; and the Maritime Safety Queensland notices to mariners at [www.msq.qld.gov.au](http://www.msq.qld.gov.au). Vessel Traffic Service broadcasts can be monitored using VHF channels 13 or 15.*

- A waterside restricted zone (WRZ) is an area of water where ships may berth, moor or anchor to which access to other vessels is restricted and to which unauthorised entry is an offence.
- A WRZ is activated at the QCLNG wharf one hour before the arrival of an LNG carrier and remains while the vessel is berthed and until it is 400m from the berth after departing.
- The zone extends 220m from the wharf, 220m from its most northerly and southerly points and back under the jetty towards the shore.
- As port operator, Gladstone Ports Corporation (GPC) is responsible for managing and enforcing WRZs to meet standards set by the Maritime Transport and Offshore Facilities Security Act 2003.
- Commercial and recreational users must not enter, stop, or anchor within a WRZ unless authorised to do so by GPC.
- A 250m safety zone around the wharf is also active while a vessel is berthed.
- For more information about WRZs please contact the Gladstone Ports Corporation Security Office on **07 4976 1350**.

## Pipeline

Landholders planning to do any digging around buried pipelines should call **'Dial Before You Dig'** (call 1100, <http://www.1100.com.au>) to obtain the specific location of the pipelines and associated infrastructure.

Call the **QGC Operations Centre (1800 77 88 98)** to report any emergencies, damage or vandalism, flooding, subsidence, washouts or erosion, unauthorised access to easement facilities or uncontrolled fire.

## Becoming a supplier

QGC supports the long-term, economic sustainability of the regions in which we operate through a focus on local content participation.

Our Local Content Policy targets four goals: supporting competitive procurement, facilitating job creation, promoting reconciliation and building 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 intended to assist businesses in accessing our supply chain.

## Communities

Date	Location	Activity
Saturday 5 March	Tara	<b>Tara Show, 9am, Tara Showgrounds</b>
Sunday 6 March	Western Downs	<b>Clean up Australia Day, various locations.</b> To search for a location: <a href="http://www.cleanupaustraliaday.org.au/">http://www.cleanupaustraliaday.org.au/</a>
Wednesday 10 March	Tara	<b>Community Regeneration – 2016, What's in it for Tara?</b> <b>Cost:</b> \$10 per person <b>Location:</b> Western Downs Regional Council Function Room, Tara <b>Time:</b> 6pm
Saturday 19 March	Chinchilla	<b>One Long Table</b> <b>Cost:</b> from \$5 per plate <b>Location:</b> Heeney Street, Chinchilla <b>Time:</b> 4pm - 10pm
Wednesday 23 – Sunday 27 March	Gladstone	<b>Gladstone Harbour Festival</b> <a href="http://gladstonefestival.com/harbourfestival">http://gladstonefestival.com/harbourfestival</a>
Saturday 2 April	Wandoan	<b>Juandah Rodeo,</b> <b>Location:</b> Wandoan Showgrounds <b>Time:</b> 10am – late
Friday 22 – Saturday 23 April	Wandoan	<b>Wandoan Show, Roche Creek Road, Wandoan</b>

### QGC Communities Fund applications open

Not-for-profit organisations in the Western Downs and Gladstone have until 5pm on Thursday 31 March to apply for grants from the next round of the QGC Communities Fund. Visit the Communities Fund page of the QGC website (<http://www.bg-group.com/723/qgc/sustainability/community/qgc-communities-fund/>) to download an application form and a guide to the fund. The guide provides information about the fund's theme, eligibility requirements and when and how to apply for funding. Before you apply please take the time to read the guide.

### Making the Gladstone community safer



▲ The Gladstone community can test out their driving skills at QGC's Gladstone Harbour Festival in March.

Community safety will be under the spotlight when QGC partners with Volunteer Marine Rescue (VMR) Gladstone to deliver the 'Eggcellent Easter Safety Campaign' at this year's Gladstone Harbour Festival from 25-27 March.

QGC will bring innovative simulators to Gladstone to complement the VMR display which will promote safety on the water and roads during the high-risk Easter period.

Harbour Festival visitors will be able to test their driving skills on the simulators, while receiving one-to-one driver training education.

## A night in with Wendell Sailor



▲ QGC Infrastructure Manager Jason Cooke met Wendell Sailor when the former professional footballer visited QGC's Ruby Jo camp in February.

Former professional footballer Wendell Sailor who represented Australia in rugby league and rugby union visited some of QGC's camps in the Surat Basin in February. Wendell presented to about 40 camp residents at Ruby Jo and 150 residents at the Woleebee Creek camp to promote mental health awareness. QGC also invited the local rugby league teams from both Dalby and Wandoan to attend the presentations.

The former sports star and 'R U OK?' supporter talked to camp residents about his career, moving from a small country town to living in a major city and the challenges he faced living away from home. Wendell also spoke about the R U OK? Day program, a not-for-profit organisation dedicated to encouraging all Australians to regularly and meaningfully ask anyone struggling with pressure in life, "are you ok?" For more information on R U OK? visit <https://ruok.org.au/>.

## QGC brings the wonders of science to Chinchilla



▲ QGC's Zana Williams, a development geologist in our Surat Basin team, presented to school students at the World Science Festival Brisbane Regional Program in Chinchilla.

QGC proudly supported The World Science Festival Brisbane Regional Program in Chinchilla as part of our Future Makers partnership with Queensland Museum Network. The aim of this partnership is to increase the uptake and performance of students in STEM (science, technology, engineering and maths) subjects and careers in Queensland and Australia.

The World Science Festival Brisbane regional program did just that with around 200 students from years 10 – 12 attending a student event on Friday 12 February. Students from Dalby, Chinchilla and Tara attended and enjoyed one on one time with scientists, including the popular Surfing Scientist Reuben Meerman.

The student event was such a huge success the Chinchilla State High School chemistry club has 40 new members. One of the students from Chinchilla State High School said "It has been an interesting experience, and has opened my eyes to future engineering jobs."

On Saturday 13 February around 2,000 community members of all ages from 8 weeks old to 80 years old attended the community event with some driving over four hours to attend. Leading scientists presented on various topics including how to identify a fossil, program a robot, or capture the beauty and intrigue of natural science through a camera lens.

QGC's Zana Williams, a development geologist in our Surat Basin team, presented 'Meteorites in the Movies' at the festival. Zana presented on the difference between how Hollywood depicts the effects of a meteor strike on earth in movies like Armageddon and Deep Impact - and what could really happen.

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.

Visit the QGC website (<http://www.bg-group.com/qgc>) to read *Links Australia*, our quarterly magazine. You can also sign-up to our subscription list to receive copies of both publications.

We look forward to your feedback at [community@qgc.com.au](mailto:community@qgc.com.au)

## Enquiries

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

Visit our information centres at:

### Chinchilla

Woolworths Complex,  
Shop 18-20 Bell Street,  
Chinchilla, QLD 4413

QGC PO Box 266,  
Chinchilla, QLD 4413

### Gladstone

72 Goondoon Street,  
Gladstone, QLD 4680

### Wandoan

27 Royd Street,  
Wandoan, QLD 4419

*Personal information such as your name and contact details is collected and managed by QGC in accordance with its Privacy Policy, which is available at <http://bg-group.com/758/privacy/>.*

*If you no longer wish to receive this publication, please contact [community@qgc.com.au](mailto:community@qgc.com.au) and your details will be removed from our subscription list.*