

# Gloucester community newsletter.

AGL Gloucester Gas Project  
December 2014

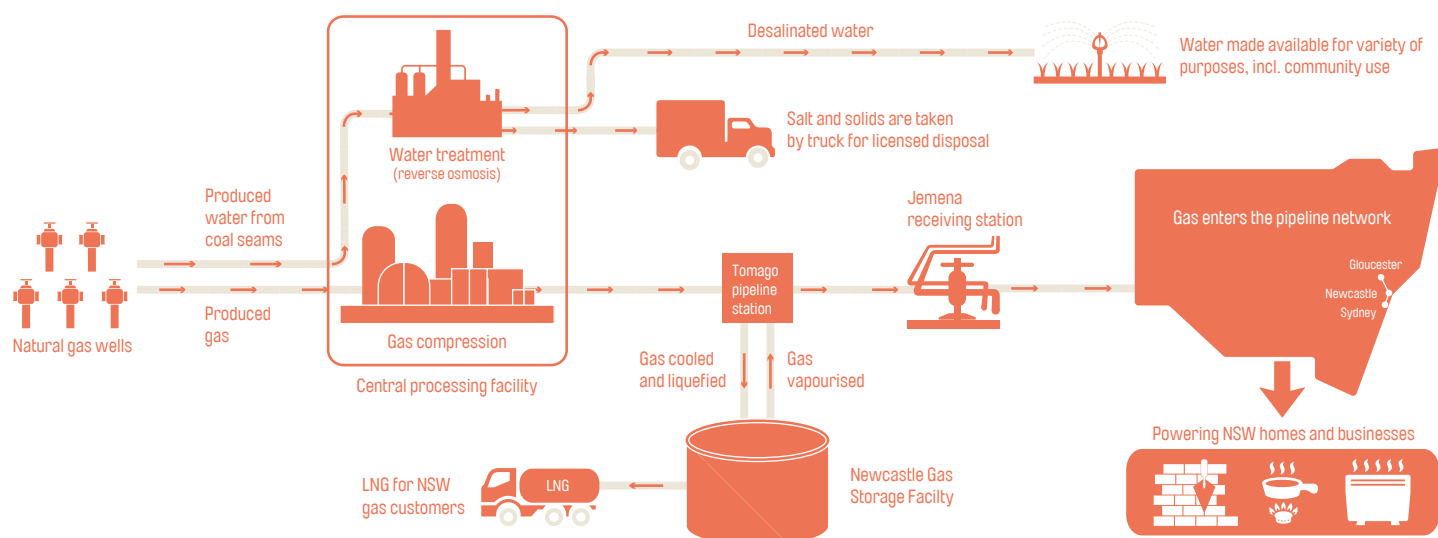
## Waukivory Pilot gets underway.

AGL has recently completed the hydraulic fracture stimulation of the four Waukivory Pilot wells near Forbesdale. These wells were drilled in 2012. This exploration activity is an important part of AGL's plans for the Gloucester Gas Project (GGP) as it not only fulfils a condition of our licence to explore for natural gas in the region, but it will also give us vital information about the nature of gas and water resources deep within the Gloucester Basin and help us further refine our groundwater models.

## Gloucester Gas Project: An overview.

The Gloucester Gas Project has the potential to deliver 15 per cent of NSW's natural gas supplies from 2018.

As the production wells across the project's Stage 1 gas field development area come online, the extracted gas will be transported through underground, low-pressure pipelines to a central processing facility (CPF). The gas will be compressed and dried at the CPF and then sent via a high-pressure underground pipeline to Tomago. From there most of it will directly enter the NSW gas network, and some will be stored at AGL's Newcastle Gas Storage Facility to help NSW meet peak demand, such as during the winter months.



Meanwhile AGL has proposed that the "produced" water, which is natural groundwater stored underground within the coal seams hundreds of metres below beneficial aquifers, will be collected and treated via reverse osmosis with equipment located at the CPF. This process removes salts and minerals and results in water that is less salty than most drinking water or river water. It is proposed the resulting desalinated water will be made available for a variety of beneficial purposes.

## Water Portal, additional water monitoring bores to give you more information.

When we talk to people in the Gloucester community about our plans, the number one concern we hear is, "How will you keep our water safe?"

We do this in a number of ways, such as engineering our gas wells to world-leading standards including using four or more layers of steel and cement to protect groundwater. We also do this by providing robust, transparent information so that the community can see what is going on.

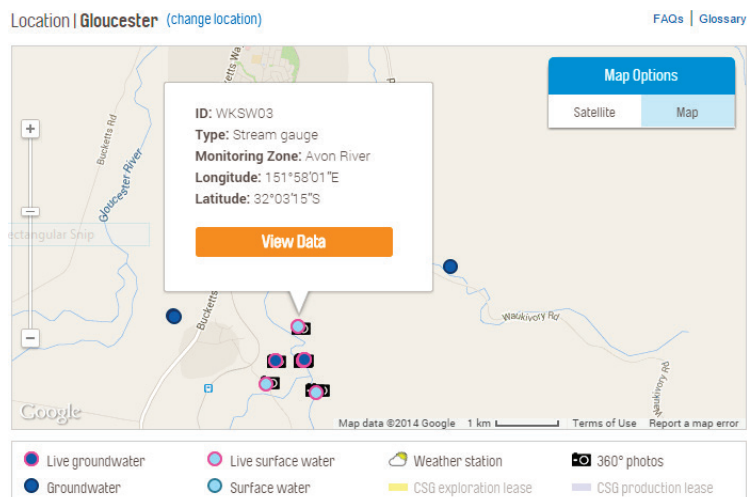
AGL's new Water Portal ([www.agl.com.au/waterportal](http://www.agl.com.au/waterportal)) is the latest chapter in this effort. The Water Portal presents detailed information from water monitoring sites at all our project areas including 44 sites around Gloucester.

Depending on the type of monitoring point, members of the community can check water levels and electrical conductivity (a key measure of salinity) as well as recent water quality information. The data from a number of sites is updated daily.

We are also listening to what the Gloucester community has to say as we move forward. That is why AGL is drilling two additional water monitoring bores within the Waukivory Pilot area to monitor shallow groundwater beneath the floodplain and in geological faults.

These bores, one penetrating into the shallow alluvium and the other deeper into a geological fault beneath the Avon River, will provide additional information as to whether the fault acts as a barrier to water flow, is a conduit for flow or is of no consequence.

Drilling these additional water monitoring bores is not required under our current approvals, but we want to go over and above the requirements when it comes to protecting Gloucester's water and provide answers to community concerns.



Instant access to water monitoring data from all our NSW natural gas project areas

**44** Data from 44 water monitoring sites around the Gloucester area

Near real time data streamed via telemetry from six sites around Waukivory

360 degree photography from a variety of locations

Weather station data for further context

## Energy for Life profile: Stephen Relf and beyondblue.

Sitting alongside AGL's work engaging with the local community is our corporate citizenship program, Energy for Life, which provides practical ways for employees to engage with the community and charity organisations that are important to them and to AGL.

Stephen Relf, whose family has lived at Gloucester for generations, who joined AGL's Gloucester team as a Field Operator in August, has been passionate about the beyondblue cause ever since his work as a dairy farmer brought him into contact with farmers suffering from drought and depression. In August, Stephen helped organise a two-day motorcycle event, "Riders Against Depression", to raise money and awareness of the problem.

"It's about breaking down the stigma," says Stephen, who adds that men particularly have trouble talking about emotions that, left unchecked, could be disastrous. "Working with beyondblue, we're spreading the message to people about what to look for in themselves and others, and give them the tools to have those difficult discussions that could wind up saving a life."

For more information about depression and beyondblue call 1300 22 4636, email [infoline@beyondblue.org.au](mailto:infoline@beyondblue.org.au) or visit [beyondblue.org.au](http://beyondblue.org.au).







## Gloucester Community Investment Program – Recipients Announced!

This year AGL launched the Gloucester Community Investment Program to support worthwhile, positive and socially beneficial activities in the local area.

Applicants to the first round of funding were invited to apply for grants in August. After being assessed by a committee including representatives from AGL, local business, government and community organisations, the following groups were awarded grants:

- > Gloucester District Archers – new equipment to support new member coaching program;
- > Country Women’s Assoc. (Gloucester) – conference equipment to host events, meetings and activities;
- > Rotary Club of Gloucester – outdoor fitness station to contribute to the Gloucester Outdoor Fitness Trail;
- > University of Newcastle – supporting the Science and Engineering Challenges in our region; and
- > Gloucester RSL Sub-Branch – contribution towards the Centenary of ANZAC 2015 event.

Congratulations to all the successful applicants. Information about how to apply for the next round of funding is available in the Gloucester Community Investment Program section of the Gloucester Gas Project website. Otherwise, please contact Karyn Looby, Community Relations Manager, on [Karyn.Looby@agl.com.au](mailto:Karyn.Looby@agl.com.au) for more information.

### Engaging with the community.

AGL has been talking to the community about the Waukivory Pilot plans since 2011, and we have done our best to not only keep people informed, but also incorporate constructive feedback to improve the way we work.

If you have a complaint regarding AGL’s construction and operational activities in the Gloucester area, please contact our 24 hour complaints hotline, 1300 799 716. Alternatively please send written complaints to PO BOX 335, Gloucester NSW 2422. Email complaints can be forwarded to [gloucester@agl.com.au](mailto:gloucester@agl.com.au).

AGL is preparing to conduct further exploration activity associated with potential future stages of the Gloucester Gas Project. The pilot wells will be located in the southern part of the Gloucester Basin. AGL will be holding drop-in information sessions as we would like to hear from people who are interested or impacted by our project. To register your interest please email [Karyn.Looby@agl.com.au](mailto:Karyn.Looby@agl.com.au).

### Supporting local business.

Ray Twomey’s business is in his blood. In 1948 his father and uncle established Yates and Twomey’s Country Hardware store in the main street of Gloucester on their return from WWII. Now Ray runs it with his wife Sandra who have continued the country store tradition of personal service to the customer.

A born and bred Gloucester local, Ray left town after high school and became a fitter and turner by trade, spending time in Newcastle and Sydney. When he returned in 1980 to spend some time with his family before heading overseas, he found his plans had changed.

“I think AGL being in Gloucester makes a difference to the town,” he said. “We need this energy and resource industry. Productive people are happier people, they feel useful and wanted. This type of long term industry gives people future stability and purpose.

“Extractive industry is not new to Gloucester, from the cedar cutters and gold mining of Copeland to a coal mine adjacent to the Gloucester Railway Station, it’s been around for a long time.”

Yates and Twomey is just one of the approximately 100 Gloucester-area businesses receiving work and orders from AGL. In the last financial year, AGL’s presence injected \$2.5 million into the Gloucester economy by local employment and patronage of local suppliers.

## AGL supports Westpac Helicopter benefit dinner.

Over 150 guests from around the region enjoyed a great night at the Gloucester Soldiers Memorial Club Auditorium on 20 September where they enjoyed delicious food and danced to the tunes of local country rock band Southern Under Stars.

AGL was a proud major sponsor of the dinner, contributing \$5,000 to an event which raised a further \$8,000 through the auction of items and services donated by other local businesses.



AGL's Karyn Looby, pictured with Westpac Helicopter's Jodie Zimmerman who was instrumental in organising, with her team, a successful community event.

### Get involved.

**Dec 4** Local dairy farmers' Christmas meeting

**Dec 8** Beyond Blue community event

**Dec 10** Gloucester Dialogue monthly meeting

**Dec 18** Gloucester Community Consultative Committee meeting

For more information or to register your interest for a similar event or activity please contact Gloucester Community Relations Manager Karyn Looby on **0429 040 951** or email [Karyn.Looby@agl.com.au](mailto:Karyn.Looby@agl.com.au).

### Keep up to date.

To receive information on the Gloucester Gas Project and updates on the Waukivory Pilot Program, join our fortnightly newsletter by emailing [Karyn.Looby@agl.com.au](mailto:Karyn.Looby@agl.com.au).

You can also stay informed about our activities in Gloucester and elsewhere by visiting [www.agl.com.au/naturalgas](http://www.agl.com.au/naturalgas) and [www.YourSayAGL.com.au](http://www.YourSayAGL.com.au), or following us on Twitter [@YourSayAGL](https://twitter.com/YourSayAGL).

## Where to go for more information.

Find detailed project information at [www.agl.com.au/gloucester](http://www.agl.com.au/gloucester)

Visit [www.YourSayAGL.com.au](http://www.YourSayAGL.com.au) or follow us on twitter at [@YourSayAGL](https://twitter.com/YourSayAGL)

Visit the Energy Resource Information Centre for more information about natural gas exploration and development: [www.energyresourceinformationcentre.org.au](http://www.energyresourceinformationcentre.org.au)

The Office of Coal Seam Gas (OCSG) has a range of information available at [www.csg.nsw.gov.au](http://www.csg.nsw.gov.au)

The Environmental Sustainability Unit of NSW Trade & Investment (Division of Resources & Energy) has a dedicated Gloucester Communications Project Officer who will answer any questions you may have about coal seam gas. Email [minres.environment@industry.nsw.gov.au](mailto:minres.environment@industry.nsw.gov.au) or visit [www.resourcesandenergy.nsw.gov.au](http://www.resourcesandenergy.nsw.gov.au)

### Join AGL's online community

[www.yoursayagl.com.au](http://www.yoursayagl.com.au)

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