



# FGP News

January 2025

## October - December 2024 Completed activities

- ✓ 116km of pipeline installed, with 97km of rehabilitation finalised
- ✓ 16 trenchless road and waterway crossings
- ✓ Concrete base slabs for Aldoga Reservoirs
- ✓ Permanent access to the Alton Downs Water Treatment Plant
- ✓ Laurel Bank Road and Ridgeland Road intersection
- ✓ Concrete slab for the control building at the Laurel Bank Intake site

## To continue or start in the next quarter

- + Installation of concrete panels to form the sides of the reservoir at Alton Downs Water Treatment Plant
- + Underground service installation (stormwater, firewater, sewer, electrical conduits, compressed air) at Alton Downs Water Treatment Plant
- + Installation of concrete panels to form the sides of the reservoirs at Aldoga Reservoirs
- + Rehabilitation of pipeline right of way
- + Building works at the Alton Downs Water Treatment Plant, such as control building, administration office, and clarifier ancillary buildings
- + Concrete and building works at the Laurel Bank Intake, including the control building and intake structure
- + Commencement of power connection from Water Treatment Plant to Laurel Bank Intake



## Driving progress: Safer roads and improved access thanks to the Fitzroy to Gladstone Pipeline

The Fitzroy to Gladstone Pipeline (FGP) is delivering positive benefits across the region, with recently completed road upgrades near Rockhampton enhancing safety for locals.

These improvements in Alton Downs were made possible by the construction of the new water treatment plant and intake facility, two essential components of the FGP.

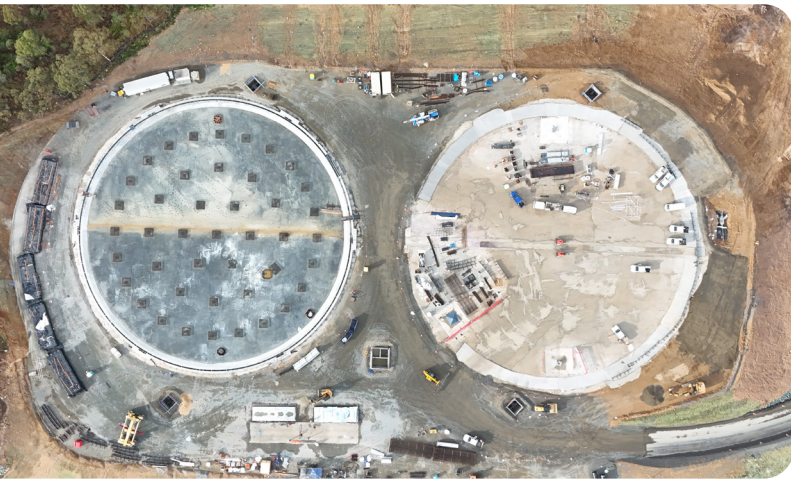
The upgrades included widening Ridgeland Road to create dedicated turning lanes for permanent access to the Alton Downs Water Treatment Plant and upgrading the intersection of Laurel Bank and Ridgeland Roads.

The works to upgrade the Laurel Bank and Ridgeland Roads intersection included adding dedicated turn lanes from Ridgeland Road onto Laurel Bank Road, widening Laurel Bank Road using land from the road reserve, and replacing old streetlights with new ones.

These enhancements improve safety and access to Laurel Bank Road from Ridgeland Road while maintaining smooth traffic flow on Ridgeland Road.

We appreciate the patience and understanding from locals while the works have caused temporary impacts and been impacted by wet weather delays.





## Water reservoirs taking shape at Aldoga

**3,000 cubic metres of concrete has now been poured to create the bases for two water storage reservoirs at Aldoga as the FGP continues to take shape.**

FGP Principal Contractor McConnell Dowell BMD Joint Venture (MBJV) coordinated two separate pours, Reservoir B taking place over two nights in September, and Reservoir A taking place over two nights in November. Each pour required more than 100 truckloads of concrete, two batching plants located in Gladstone and Calliope, all operating over two twelve-hour periods.

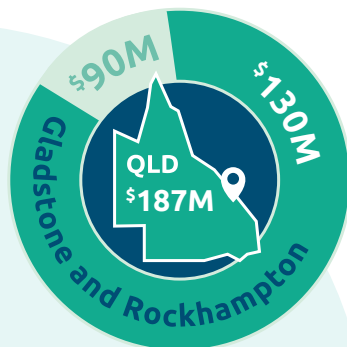
Once constructed, each reservoir will be 76 metres in diameter (wider than the wingspan of a Boeing 737), 12 metres high (equal to the height of a three-story building) and will have the capacity to store 50 megalitres of water. Combined, the reservoirs will be capable of holding 100 megalitres of water (equal to 20 Olympic sized swimming pools).

## Local spend

The FGP team is dedicated to creating a legacy in the Central Queensland region.

To achieve this legacy, GAWB and MBJV have committed to a local spend target of \$90 million in the Gladstone and Rockhampton regions.

As of the end of December 2024, the target was exceeded with more than \$130 million spent within the Gladstone and Rockhampton regions, and a further \$187 million spent within Queensland.



## Works progressing well at Alton Downs Water Treatment Plant

**In late 2024, the permanent access road to the Alton Downs Water Treatment Plant (WTP) officially opened. This milestone allowed Rockhampton Regional Council to assign the plant its new address: 921 Ridglands Road, Alton Downs.**

This is an exciting step forward for the FGP, bringing us closer to delivering improved water security for the Gladstone region.

### Construction Update: Building the Alton Downs WTP

The water treatment plant is coming to life, with visible progress being made across the site. So far, construction has involved:

- ▶ over 1,000 tonnes of steel reinforcement
- ▶ nearly 300 tonnes of structural steel
- ▶ almost 7,600 cubic meters of concrete used to build the plant's structures.

### Key construction highlights

- 1. Sludge balance tanks:** Work on the sludge balance tanks is nearly finished, with final touches to supporting structures expected by mid-2025.
- 2. Reservoir progress:** The base of the reservoir is complete, and its walls are being assembled using pre-made panels.
- 3. Underground services:** Around half of the underground work is complete. This includes pipes for stormwater, fire safety, and sewer systems, as well as electrical wiring and compressed air lines.
- 4. Buildings and facilities:** Progress continues on key buildings, including the control room, offices, maintenance facilities, storage areas, pump stations, and treatment equipment rooms. The external structures are almost done, and work on the interiors will begin in early 2025.
- 5. Power connection:** Work has started on connecting the Laurel Bank Intake to the power supply at the WTP.





## Reducing our carbon emissions

In a positive step towards sustainability, MBJV has taken delivery of an electric vehicle (EV) - a Kia Niro Electric SUV.

Delivered in September 2024, this new addition supports the MBJV team's commitment to reducing its environmental footprint and contributes to our sustainability targets.

The arrival of the EV is expected to reduce fuel consumption and greenhouse gas emissions significantly. On average, a Toyota Hilux (commonly used on-site) covers 4,200 km per month with a fuel consumption rate of 8L/100km. With the delivery of the EV, the team will save approximately 336L of fuel each month — equating to a reduction of 1.14 tonnes of CO<sub>2</sub>-eq per month. Over the course of a year, this translates to an impressive 13.7 tonnes of CO<sub>2</sub>-eq emissions saved.

The introduction of the EV not only contributes to lowering emissions but also demonstrates our commitment to delivering the pipeline in a sustainable way that reduces its impact on the environment.



## Keeping our team hydrated on site

**The safety and wellbeing of our team is critical to the success of the FGP. With the hot weather now in full force, the FGP team, in collaboration with MBJV, are taking proactive steps to educate and support our workforce in managing the risks associated with heat stress, particularly dehydration.**

To ensure the health of our team, we are emphasising the importance of staying hydrated and teaching them how to identify, treat, and prevent dehydration.

Before starting work each day and throughout the day, we are distributing hydration testing kits, including a heat stress tracking device, to our teams. This device allows team members to measure the maximum safe work rate based on current environmental conditions and provides immediate warnings if the conditions exceed this limit. When a warning is triggered, the team can take necessary actions, such as rest breaks or hydration, to ensure the individual's safety and wellbeing.

In addition, we are supplying Hydrolyte ice poles and sachets across all our sites as part of our efforts to keep our team members cool and hydrated throughout the day. These measures are part of our comprehensive approach to protect our workers, maintain productivity, and ensure that everyone on the project stays safe in challenging weather conditions.

## Battening down the hatches

The FGP team has been busy preparing for cyclone seasons and wet weather events, undertaking a number of assessments and activities to ensure each site and its plant and equipment are secured in the event of a weather event.

If, during a weather event, you are concerned about a pipeline work site or our equipment, please contact the team on **1800 668 118** or email us at [fgpcommunity@mbjv.com.au](mailto:fgpcommunity@mbjv.com.au)



## Reducing waste: How the Fitzroy to Gladstone Pipeline team is recycling textiles

Textiles, including personal protective clothing, often end up in landfill once they're no longer needed. To combat this, the FGP team has partnered with UPPAREL, leaders in textile recovery and recycling, to divert textile waste from landfill.

The FGP is pursuing an Infrastructure Sustainability Council (ISC) v1.2 sustainability rating, which includes ambitious waste management goals. Both the Gladstone Area Water Board and MBJV have committed to diverting 40–60% of office waste by volume from landfill.

As part of this effort, orange bins have been introduced at the Gracemere site office to collect worn-out personal protective equipment, with plans to expand to other offices in the coming months. Since August 2024, half a wheelie bin of clothing has already been collected.

This initiative reflects the FGP team's dedication to building the pipeline sustainably while minimising environmental impacts.



## Recognising our community

We know that once constructed, the FGP will support long-term water security for the Gladstone region. We also recognise that the support of our landholders and communities along the FGP corridor Right of Way plays a crucial role in making construction progress smoother and more efficient.

To show our appreciation, each year we give these understanding community members a delicious Lions Christmas cake purchased from the Boyne Island Lions Club in Central Queensland.

From the FGP team, we appreciate your support and hope you had a relaxing Christmas and new year.



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**Gladstone Area  
Water Board**