



WANLESS RECYCLING PARK

Creating a better environment

PROJECT UPDATE FEBRUARY 2021

Wanless Waste Management (Wanless) would like to provide an update to the Ipswich community about the Wanless Recycling Park development application. Here, we also share the latest news about our partnership with the Queensland University of Technology (QUT) to conduct real-world research projects at the site of the recycling park.

PARTNERSHIP WITH QUT FOR REAL-WORLD RESEARCH AT EBENEZER

Working in partnership with QUT, Wanless has welcomed three teams to conduct research at its Ebenezer site. The collaboration with QUT follows the company's interest in QUT's Centre for a Waste-Free World, which develops and implements new waste technologies & processes.

Wanless wants to work with the Waste-Free World team to test some of their innovations. In the meantime, Wanless is partnering with QUT on research related to groundwater, surface water and vegetation. This research will contribute new knowledge and innovative ideas about how Wanless can best manage the degraded mining site.

ONBOARD WITH ROBOTIC MONITORING

QUT Associate Professor Sara Couperthwaite leads a research team that has developed an innovative way to improve environmental monitoring using a robotic boat. In doing so, they can overcome traditional barriers such as access and delayed turnaround times for water quality analysis. In December 2020, the QUT research team launched their autonomous boat in Lanes Pit – the deepest water body at the Ebenezer site. They collected the first data they need to start developing the sampling regime required for their next visit.

The robotic boat fits on the back of a ute. It can collect water samples from any location on a waterbody and at any depth. It also carries an analysis system, which provides real-time information on key water quality characteristics at the collection point. This means researchers can tailor the sampling regime of a site to track contaminants, and they can generate 3D representations of the water quality at a particular site. With an improved understanding of the water quality of the water bodies, Wanless can develop water sustainability strategies for the Ebenezer site. They can also use the research findings to prepare for potential future events (e.g. overflows caused by flooding).

Dr Couperthwaite explained the QUT research team will demonstrate, for the first time, the full capabilities of its new robotic boat at the site.



QUT Associate Professor Sara Couperthwaite and QUT Professor Matthew Dunbabin on-site with the autonomous boat collecting water samples from Lane's Pit

“We've tested the individual parts in isolation before, but this is our chance to test-drive the integrated unit. We'll conduct a full survey of the Lanes Pit waterbody using sonar to generate its 3D map. We'll also collect water samples in key locations. Then we'll apply QUT-developed algorithms to generate a sampling regime and a pathway for real-time analysis that best represents the waterbody,”

Dr Couperthwaite said.



Development Application Progress

Wanless submitted a development application for the Wanless Recycling Park to Ipswich City Council in December 2019. Since then, Wanless has been following the processes required by Local and State Government agencies to progress the application through the assessment process.

As part of the Council's assessment, there was a public notification period about the proposed development between 14 May 2020 and 5 June 2020. Following closure of the public notification period, Council summarised the matters raised in the public submissions and Wanless prepared a response to Council's summary, providing a further response and clarification on any questions raised in the public submissions.

Wanless is also continuing to work with the State Assessment and Referral Agency (SARA), Department of Environment and Science (DES) and Department of Transport and Main Roads (DMTR) to provide further information and respond to any further questions the agencies have about the application to inform their assessment. It is expected the State Government's assessment of the application will be completed in Q1 or Q2 of 2021.

Once the State Government has completed its assessment, Ipswich City Council will commence its decision-making period.

All of the documentation is available via City of Ipswich Council ePathway Online Tool (refer to the link provided below).

Wanless is proposing to build an innovative recycling and resource recovery facility at 304 Coopers Road and 350 Coopers Road in Ebenezer, approximately 12 km southeast of the Ipswich CBD.

This represents a significant investment in the region and an opportunity to set an entirely new benchmark in waste recycling and reuse. Wanless' vision is to transform an old vacant, derelict mining site into a productive resource recovery and recycling precinct that generates employment and training opportunities for the local community.



How to View the Proposal

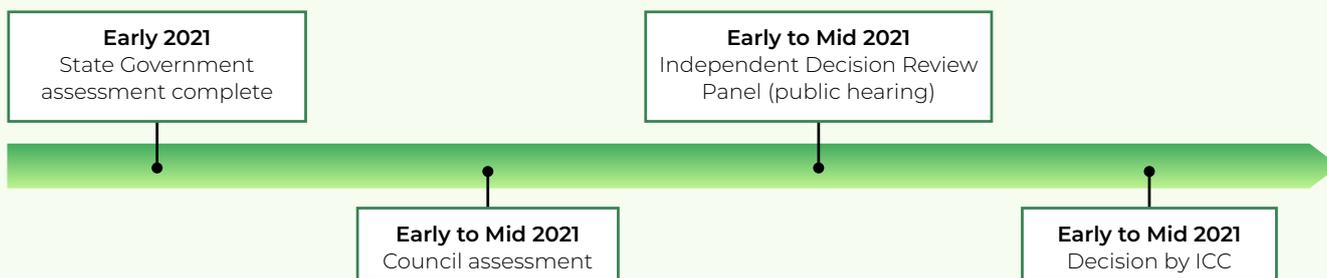
You can find a copy of the development application (*application number 10674/2019/CA*), information requests and responses on the City of Ipswich Council ePathway Online Tool at ipswich.qld.gov.au/online_services/application_enquiry

- If it is your first visit, accept the terms and conditions and continue to the next page.
- Select '**Application Enquiry**', then '**Development Application**' head to the '**Search by Application Number**' enter the application number **10674/2019/CA** into the appropriate boxes on the first line and press 'Search'. No other information is required.

Ipswich City Council will keep the portal updated with all application material that is submitted over the course of the assessment.

Development Application Process

(estimated timeframes - subject to change)



Find out More or Give Feedback

You can find out more about Wanless Recycling Park at our website <https://wanless.com.au/about-us/wanless-recycling-park/>

See our demonstrated record of recycling and resource recovery at the Sydney Recycling Park www.wanless.com.au/about-us/sydney-recycling-park

Wanless welcomes your comments or feedback about the Wanless Recycling Park. Please email WRPenquiries@recyclingparks.com.au