



SLACKS CREEK RESTORATION PROJECT

SHAILER PIONEER PARK WETLAND AND RIPARIAN RESTORATION

CREATING A HIGH VALUE COMMUNITY ASSET AND DELIVERING IMPROVED WATER QUALITY AND BIODIVERSITY



CLIENT

Logan City Council.

PROJECT SUMMARY

WCG engaged to deliver a landscape solution within a constrained low-lying council parkland, the only one servicing the local area. The project has created a high value environmental precinct consisting of wetlands and riparian restoration integrated with

the adjacent sporting amenities; pivotal to delivering value to the community. Similarly the project has facilitated public recreation, awareness, knowledge and understanding of the inherent values of a wetland system in water quality improvements

The riparian restoration and wetland area has been designed to improve the existing fauna corridor between Daisy Hill and Karawatha Forest



SOLUTION

WCG designed and constructed a high-density treatment wetland system in 2014 and is currently providing operational support to the project. The system was designed to:

- Maximise the parkland as a community asset creating an environmental precinct featuring a wetland and forest adjacent to active recreational space;
- Improve water quality entering the Logan River through treatment and reduction of pollutant loads;
- Deliver a show case Water Sensitive Urban Design (WSUD) project for the Council;
- Provide guidance and training of key Council staff in the delivery of stormwater wetlands;
- Enhance local ecology by improving in-stream and riparian habitats;
- Be cost-effective and as low maintenance as possible;
- Employ locally indigenous species, and address issues such as safety and the risk of mosquitoes and cane toads.

OUTCOMES

The project was delivered on-time and within budget and now provides a naturalised stormwater wetland with riparian restoration complementing the existing recreation and amenity values of Shailer Pioneer Park.

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