

Stormwater goes underground

The tiny town of Murrabit on the Murray River will benefit from significant stormwater improvements thanks to the Federal Government's Local Roads and Community Infrastructure Program.

Gannawarra Shire Council, Victoria, will allocate its \$1.157 million portion of the Program to the Murrabit Stormwater Project, one of the projects identified during community consultation as part of the development of the Gannawarra Shire Council Plan 2017-2021.

The project involves the replacement of open channels

throughout Murrabit with underground stormwater pipes.

Council's Chief Executive Officer, Tom O'Reilly, said, "The Murrabit Stormwater Project will be town-changing for residents now and into the future.

"Converting the collection of stormwater from open channels to pipes will reduce risks associated with

arbovirus, whilst enabling the capture and future use of reusable water."

The Murrabit Stormwater Project is the second initiative to benefit from the \$1.5 billion Local Roads and Community Infrastructure Program, which aims to deliver priority local road and community infrastructure projects across Australia.

Work will begin in 2021 on a \$1.317 million rejuvenation of the central business district (CBD) in nearby Kerang, the Shire's principal town.

"Like Stage 2 of the Kerang CBD Redevelopment, the Murrabit Stormwater Project will support the local economy recovery from the COVID-19 pandemic.



Grant money flows to the Murrabit underground stormwater project.

"Council thanks the Federal Government, and in particular Anne Webster, Federal Member for Mallee, for se-

curing this funding and looks forward to working with the Murrabit community in implementing this project."

One-size does not fit all*

Bespoke stormwater solutions are making our cities more resilient.



As urban landscapes continue to grow, there has been an increased focus on developing sustainable infrastructure solutions.

During a stormwater condition assessment program, it was discovered that a critical community asset was in urgent need of repair.

A customised solution was needed to improve its resilience for generations to come.

The problem with a 'one-size fits all' approach

When a stormwater drainage

culvert running beneath the Brisbane Corso was discovered to be reaching the end of its structural lifespan, the asset owner engaged leading water infrastructure company, Interflow, to perform this critical renewal.

The traditional concrete rehabilitation method often used for projects of this nature would require the construction of a cofferdam, a costly exercise with a large construction and environmental footprint.

Optimal results through tailored solutions

Interflow proposed the use of Channeline, a fully customisable and modular

lining solution that could be installed quickly, safely, and with minimal community impact.

This innovative technology also allowed crew members to deliver project works around tidal movements, which avoided the need to build a costly cofferdam.

Its smooth interior offers a reduced pipe wall friction, which decreases flow resistance and improves the asset's self-cleaning properties.

This makes it a smart solution to enhance the operational capacity of the pipeline with minimal maintenance.

As communities continue to grow, it is essential to have a reliable

stormwater management program that can adapt to their ever-evolving needs through new science, experience and technical.

Interflow's Business Development Manager for Queensland, Steve Latimer, said, "Solutions like these are boosting the climate resiliency of cities by working with the landscape, not against it.

"The future will be seeking innovative means to slow the flow of stormwater, filter and remove pollutants, resulting in cleaner waterways and happier communities."

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