



LOCATION

Norwood, South Australia

CLIENT

City of Norwood, Payneham & St Peters

DETAILS

Renovation

FEATURES

Hydraulic Rework
Epoxy Grout & Glue
Local Slate Tiles

Norwood Oval Fountain

Inside the grounds of Norwood Memorial Gardens, neighbouring Norwood Oval, you'll find Norwood Oval Fountain - a memorial to the Australian Former Prisoners of War.

An important piece of the City of Norwood, Payneham & St Peter's history - originally gifted to then City of Kensington & Norwood in 1910 by Sir Edwin Thomas Smith; 'Adelaide's favourite Millionaire', one of the City's founding fathers and benefactors.

The location of the Norwood Oval Fountain is a peaceful place to pay respects and designed to reflect the notions of tranquility, peace and human survival. It is part of the cultural heritage walk through Norwood.

In recent times, the hedging plants surrounding the fountain had suffered irreversibly from waterlogging due to potential leaks in the base of the fountain which was causing the garden beds to flood with chlorinated water. While soil testing occurred to investigate the suitability of replanting the garden beds, our investigations of hydraulic issues discovered that while the hydraulics were working as anticipated, the pipe penetrations were the potential cause of the leaking.



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NORWOOD OVAL FOUNTAIN

Corrective works included demolition of the tiling in the base of the fountain, pressure testing and visual inspection of all the pipework and penetrations, hydrostatic testing of the structure before reinstallation.

The glue and grout around the original mozaic tiles in the base of the fountain was cementious - a very common product created with a formula of cement, sand, water and specialist additives. Due to the age of the fountain structure, our team decided to replace the cementious products with an epoxy equivalent. Epoxy products are stain resistant, more durable and resistant to shrinking, cracking or crumbling, and help to create another layer of waterproofing. An epoxy self leveling compound was used to create a robust and waterproof membrane, followed by epoxy glue and grout to seal the tiles.

As part of the corrective works, the lion's head water nozzles around the inner perimeter of the fountain were removed for safe keeping. They were mounted on slate which couldn't be saved as part of the initial demolition. However, they were matched very closely to local slate from Willunga which was hand picked to best match the original stone.

Images clockwise from top left: removal of one of the lion head nozzles shows inadequate waterproofing behind the lion heads, potentially contributing to the leak; the tiles all removed from the internal fountain surface ready for grinding and new epoxy self-levelling compound; a Hydrilla banner proudly displayed outside the project site.

I've been very impressed with Hydrilla's work. Their attention to detail, quick turnaround times and competitive pricing have made them a valuable partner. We highly recommend their services.

Project Manager; Buildings & Special Projects
Sylvia Soon



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