

AUSTRALIA'S MOST EXPERIENCED
SWIMMING POOL BUILDER

CRYSTAL POOLS



Competitive tendering as a prequalified tenderer

A significant pool renovation for Brisbane City Council

In local government circles Brisbane City Council is a known leader in procurement policies that deliver the best possible outcome, for maximum benefit of the community. Council has 20 public swimming pools around Brisbane catering for a wide range of different aquatic needs.

The Dunlop Park Memorial Pool was constructed in 1961, with the assistance of a £10,000 contribution from the local community in the form of land donated by the Dunlop family. The pool's swimming club has a proud history dating back to 1962. The club continues to actively promote Aquatic Fun, Learn-to-swim Programs, RLSSA Training Courses and all levels of competition – right up FINA International standards.

Unlike those projects which must endure the ravages and the potential risks of open compulsory competitive tendering, Brisbane City Council instead chooses to select from a small group of pre-qualified tenderers. BCC believes a prequalified arrangement is the best way organisations can secure the right services and experience, whilst still maintaining a competitive environment with the selection panel. They believe the outcome is 'quality at the best price'.

A contract to extensively renovate the Dunlop Park project was awarded to Crystal Pools in April 2007.

As with most pools of this vintage, it is unrealistic to expect an older pool to provide continued good service, without the support of a strategic time-based plan for upgrade. Aside from the natural wear and tear of forty or more years, there has also been major advancements in public health requirements. Stricter health standards from recent decades has meant that modern pools require radically lower pool Turnover Rates.

The Client's objective was for the Dunlop Park Pool to be ultimately equipped with a modern Pool Water Treatment (PWT) plant, to maximise water clarity and minimise water use. To achieve this the pool was extensively renovated to accommodate a future plant flow of some 630m³/hr. In accordance with the Consultant's design, Crystal's scope of works included the construction and finishing of an appropriate balance tank, new wet-deck soiled water collection gutters, extensive flow and return piping, judicious pool repairs and a fully finished interior retaining FINA Standards.

The Dunlop Park pool is a prime example of strategic planning, appropriate design and future-proofing. Made possible with the applied experience of Crystal Pools.

Given the highly specialised nature of commercial swimming pool construction, it makes sound sense for owners to select their preferred contractor from a short list of accredited and experienced parties.



POOL AND PLANT DETAILS

Project Name & Place	Dunlop Park Memorial Pool Corinda QLD 4075
Original Construction Year	1961
Renovation - Practical Completion	October 2007 (Contract Award Date April 2007)
Principal	Brisbane City Council (BCC)
Aquatics Engineer/Consultant	Stevenson & Associates
Pool Builder/Renovator	Crystal Pools
Project Description	Substantial renovation of an existing outdoor 50m x 18m Competition pool, with adjoining Children's pool
Total Pool Surface (m²)	1,255
Pool Volume (m³)	1,600
Pool Filtration & Water Treatment	Retains the existing concrete cell filters and chemical dosing plant, ready for a future (Stage 2) PWT plant upgrade

POINTS OF INTEREST

Importance: First of many projects successfully completed for BCC.

Approximate Costs (Aquatic Renovation): \$800k

Project Delivery Method: Brisbane City Council (BCC) recognises swimming pools are more complex than they may first seem. BCC is also widely known for their strong leadership role, whereby their better procurement methods help to produce better outcomes.




Challenges: Pool renovation & plant upgrades are always far more challenging than a new construction. In part this is due to the need to consider options that balance modern requirements with the existing infrastructure and provide a workable cost plan.

Pool Profile: Commonly known as a training venue for Kieren Perkins OAM. Apart from representing Australia at numerous world events, Kieren Perkins OAM also held 18 Australian records, three world records and three Commonwealth records.



This case study is one of hundreds of major commercial pool projects successfully delivered by Crystal Pools. Since 1957 they've made it a point of integrity to share knowledge, giving open advice to all enquiries. So at any stage in your pool project (any size, any type, new pools or renovations, a plant upgrade or a technical question) Crystal Pools are the master pool builders you can talk to.

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