

Champion Lake Bridges

Value \$2.8M



Works completed as Watpac Civil & Mining
Director's involvement – Tim Malseed - Project Engineer

FACTS

Client	Armadale Redevelopment Authority	Division	Civil and Mining
Contact	Steve Wienke	Market	Bridge Infrastructure
Contract	AS 2124—1992	Commenced	September 2006
Location	Armadale, WA	Completion	February 2007

PROJECT OVERVIEW

This project involved the construction of two bridges, including associated earthworks, HDPE liner repairs, service ducts and lighting at the Champion Lakes Rowing Facility.

The bridge element of the project involved the construction of a 32 metre span reinforced concrete and pedestrian bridge.

Stringent environmental monitoring and protection was undertaken to minimise impact on the lake's water condition.

SPECIFICATIONS

- 0 Design and construction of 5,000m³ temporary clay coffer dams
- 0 4,000,000L dewatering
- 0 400m³ S40 and S50 concrete
- 0 Excavate, cut and weld PE liner to bridge footings and backfill
- 0 Sandblasted finish to abutment walls and retaining walls
- 0 Design and construction of 500t crane pads and temporary haul roads for precast beams