



ROAM MARINE

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Project: Harvey Dam

Client: Water Corporation
Contractor: Leighton Contractors WA
Year: 2001
Contract period: 3 months

Project scope:

Construct a large earth fill dam at Harvey WA. Works included a slip-formed concrete water intake tower with a 20m diameter hexagonal top platform and building. A truss spanned from the dam wall to the intake tower to provide truck access.

Roam scope:

Roam were involved in several aspects of the project:

- Verification of the 400t lift of the water intake platform. It was built at ground level and lifted with jacks and stress bars from a temporary structure on top of the intake tower. Work included review of the permanent structure, jacking system, stress bars and jacking frames
- Temporary bridge over the Harvey River for heavy construction traffic access. Bridge spanned 30m and was 7m wide. The main bridge beams were fabricated from a steel launching nose from an incremental bridge. Decking was precast hollow planks.
- Erection and lift studies for the 65m truss spanning from the dam wall to the tower.

