

South Dandalup Dam Outlet Upgrade Works

Value \$1.4 M



Works completed as Watpac Civil & Mining

Director's involvement – Tim Malseed – Operations Manager/Pete Hancock – Project Manager

FACTS

Client	Water Corporation	Division	Civil and Mining
Contact	Clarke Hendry	Commenced	July 2017
Location	North Dandalup, WA	Completed	January 2018

PROJECT OVERVIEW

This Water Corporation project comprised of upgrading the mild steel cement lined bellmouths to stainless steel as well as changing out the valves inside the intake tower. Rope access and diving crews were required to complete this work.

Downstream works below the dam wall were also carried out, including demolition of an existing guard valve pit followed by installation of new valves and pit, and installation of a DN900 scour dispersion valve at the end of the main scour pipe.

The project was completed in January 2018.

SPECIFICATIONS

- ≈90m³ of reinforced concrete installation
- Demolition and disposal of existing valve pit
- Removal of existing bellmouths from outside of intake tower via rope access and diving
- Supply and install of stainless steel and MSCL pipework
- Install of 3x DN800 valves in the intake tower