

# Remediation of Ravensthorpe Dam No. 4 Bitumen Catchment



Value \$1.7 M



Works completed as Watpac Civil & Mining

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

## FACTS

<b>Client</b>	Water Corporation	<b>Division</b>	Civil and Mining
<b>Contact</b>	Joel McClure	<b>Commenced</b>	October 2017
<b>Location</b>	Ravensthorpe, WA	<b>Completion</b>	December 2017

## PROJECT OVERVIEW

Watpac undertook remediation works for the Water Corporation including reconstruction and sealing of the catchment areas at the Ravensthorpe Dam.

The works comprised of the removal of vegetation across all sub-catchment areas, proof rolling of the exposed gravelly basecourse while reconstructing sub- standard areas with 150mm of basecourse gravel. All areas except sub-catchment 4, where damage was repaired by hand, were resealed, including the surrounding drainage channels.

Works were completed by the end of 2017 well ahead of schedule.

## SPECIFICATIONS

- ≈43,000m<sup>2</sup> of vegetation removal, subgrade compaction and basecourse gravel placement for sub-catchments 1 & 2
- Clegg impact testing to confirm compaction of subgrade and basecourse
- ≈170,572m<sup>2</sup> of weed and vegetation removal for sub-catchments 3-6
- ≈163,360m<sup>2</sup> of hot bitumen sprayed
- ≈242m<sup>2</sup> spray sealed by hand