

PROJECT UPDATE JULY 2011

DAM UPGRADE WORKS AT TOOROURRONG RESERVOIR

Water Resources
Alliance

A partnership between Melbourne Water,
Boulderstone, United Group Infrastructure,
Beca, MWH and Sinclair Knight Merz.



CONCRETE POURS AND EARTHWORKS ONGOING AT TOOROURRONG RESERVOIR DAM UPGRADE WORKS

Work has progressed well over the last month or so. As you can see from the images below, the new structures are really taking shape and although recent rains have slowed works somewhat, we are still confident of completing the project in the coming months.



ORIGINAL STRUCTURES COMPOSITION

The new Clearwater Channel structure is now complete.

The Water Resource Alliance, in accordance with Heritage Victoria's permit conditions, is in the final stages of selecting a sub-contractor to rebuild the heritage structures. Work will commence shortly after and we should have images of the works for the next update.



DAM WALL UPGRADE

The dam was originally constructed well over 120 years ago, but if the original constructors were armed with information that we are now able to obtain with relevant ease, they would have thought twice about the location.

Essentially the dam wall is built on less than ideal material.

At the Spillway end the, the rock drops down past the Spillway on an extreme angle leaving the rest of the embankment built on the less than ideal material, its consequential longevity being a testament to the builders who constructed the dam in the first place.

In order to bring the wall up to modern standards, Water Resources Alliance are now widening the wall and increasing the height as well as placing stone columns upstream and downstream of the wall to reinforce the structure.

SPILLWAY STRUCTURE

Concrete pours have progressed well and this section is expected to be completed in August. Once the structural elements have been completed, stonemasons will 'finish off' the structure on the park side, with original bluestone so it will compliment the scour valve which remains externally, untouched.



WHAT'S NEXT?

At our current pace and weather permitting, the project is expected to be completed towards the end of this year.

FOR MORE INFORMATION

For more information about this project or to discuss any concerns you may have please call David Fitzgerald on 1800 027 517 or call Melbourne Water on 131 722. You may also wish to visit melbournewater.com.au for general information about other projects to secure a sustainable water future.

For interpreter, please call the Translating and Interpreting Service (TIS National) 13 14 50.