



Wednesday, March 14 2018

### Water tank maintenance work completed

A maintenance project on two water tanks at Hazelwood will ensure they remain reliable well into the future.

Mine Services Superintendent with the Hazelwood Rehabilitation Project, Dave Shanahan, said the project was part of ongoing work on the Mine's fire services system to ensure its "high performing reliability".

The C and D tanks are critical infrastructure for the Mine's Fire Service and dewatering system.

"These are the Mine's water header balancing tanks, keeping the water pressures and water flows at a constant level," Dave said.

"When water levels drop in the tanks through higher spray usage in the Mine, more pumps automatically kick in to keep the tank water levels at an acceptable level."

The tanks, made of a thick reinforced concrete, were checked as part of the Mine's annual pre-fire season inspection. Some cracking was observed and as a result, referred to engineering consultants DPS for appraisal.

DPS recommended sealing the crack by injecting a high-strength resin to extend the life of the tanks.

Melbourne-based company, Vertitech, was chosen to complete the specialist work which included cleaning all cracks; drilling and placement of multiple injection ports into each crack; resealing the surface of the cracks; injecting resin into the port/cracks working from the bottom up; and removal of ports and final clean-up of the tank surface.

Dave said all work was undertaken from outside the tanks while they were still in full operation, so there was no impact on the Mine's fire readiness/response.

Project Health and Safety Officer, Andy Eaton, took a lead role in ensuring the work complied with site procedures and was completed in a safe manner.

"The successful repair work will ensure the tanks remain serviceable well into the future," Andy added.

Repair work was undertaken on C and D tanks without any disruption to their operation.

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