

Keepit Dam safety upgrade

Construction continues at Keepit Dam for the Safety Upgrade Project. The current phase of work involves the installation of post-tensioned cables on the concrete section of the dam wall.

Additional strengthening works outside the original scope are being carried out on the spillway section of the dam, extending the works further until late 2020.

The upgrades will comply with contemporary safety standards for extreme floods and earthquakes.

Project Progress

- Currently at 90% complete.
- All vertical drilling on the abutments and the spillway section has been completed.
- Fabrication of the pier anchors has been completed.
- Post tensioning anchor installation through the existing concrete into the foundation of the dam crest and spillway has been completed.

What's coming up

- Continuation of drilling of inclined holes and installation of post tensioning cable anchors through existing concrete on the spillway piers.
- Completion of stressing and capping of anchors in spillway.
- Additional dam strengthening works on the spillway section of the dam to be undertaken.

Other News

- To date, over \$3 million has been spent on local services including engineering services (mechanical/ electrical), metal work, concrete supplies, light vehicle maintenance, waste management, crane hire, pumps and associated equipment, lifting and mechanical equipment, accommodation, labour hire.
- For safety reasons, public access to the main wall is not permitted during the construction period, however a viewing and turning area will be available at the approach to the main wall.



Photo: Keepit Dam installation of spillway pier anchor

More information

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