

Project Update

Keepit Dam Safety Upgrade

The Keepit Dam Safety Upgrade Project will ensure the dam continues to comply with contemporary safety standards for extreme floods and earthquakes. The current phase of work involves the installation of post-tensioned cables on the concrete section of the dam wall.

Progress to date

- The current phase of work has just passed the half-way point.
- More than 70% of demolition and concrete surface preparation works for dam monolith blocks (concrete blocks that form the dam wall sections) has been completed.
- Drilling of vertical holes on the right abutment for cable anchors through the existing concrete into the foundation has been completed
- Installation of more than 1km of Post Tensioning Anchor Cables on the dam crest and the overflow section of the dam is completed to date.
- More than 25 tonnes of reinforcement bars have been installed for Spillway Pier Bearing Pad.
- Commence drilling of inclined holes for cable anchors through existing concrete of the spillway piers;
- Installing, stressing and testing anchors will continue over the next 7 to 9 months

Dams Safety Committee visit

- The NSW Dam Safety Committee (DSC) visited dams including Keepit Dam in June 2018 as part of a "DSC Country Tour", an event held twice a year which allows the Committee and staff to travel to regional NSW to talk with dam owners and inspect dams first hand.
- Chair of the NSW Dams Safety Committee Brian Cooper said the DSC was pleased to see the progress made for the project and was impressed with the standard of work and the obvious cooperation between SRG (the contractor) and WaterNSW.

What's coming up

- Continue drilling and grouting starter bars and reinforced concrete construction for the spillway piers;

Other News

- **Storage level:** The water level of the dam will not be affected by the construction works
- **Site access:** For safety reasons, public access to the main wall will not be permitted during the construction period, however viewing and turning area will be available at the approach to the main wall.

Contact the project team

If you have any questions about this work or would like further information about the project, please contact Community Engagement Officer Jane Phillips as below.

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www.waterNSW.com.au/projects/dam-safety/keepit



Figure 1 – Dam wall from downstream