

Seqwater Dam Improvement Program

Lake Kurwongbah

e-update



April 2019

Latest news

Construction on the Sideling Creek Dam upgrade is progressing well and on schedule. The slot in the spillway is now re-instated, which means the water level can return to its original (2015) level over time with rainfall.

Construction progress

Spillway work

We are currently working on the area below the existing spillway which forms the basis for the dissipator basin. This part of the dam reduces energy from water flowing over the spillway making it easier for fish to pass the spillway.



Image: Concrete work on the spillway

Concrete pours to thicken the spillway walls are continuing to enhance the spillway's ability to handle large volumes of water. This work will be complete before Easter.

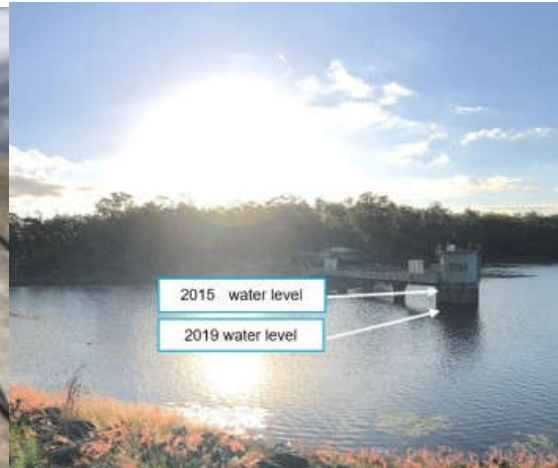
Importantly, the two-metre slot cut in to the spillway crest in 2015 has been reinstated. This will allow the dam to capture an

additional two meters of water over the coming months in what has been a very dry summer.

This will benefit the surrounding environment and increase the water available for recreation by about one third. You may notice these changes as the water level in Lake Kurwongbah returns to its original level over time with rainfall.



Image(L): Reinstating the slot in the spillway



Image(R): Intake tower with 2015 and 2019 water levels shown

Main embankment



Image: Earth embankment under construction

Construction of the weighting berm along the main embankment is also complete. Over the past few months layers of sand, gravel and rock were placed in the toe of the dam and main embankment. In total, 7,000 tonnes of rock, 500 tonnes of gravel, 2,500 tonnes of sand were used to complete the weighting berm.

Recreation changes



As the water in the lake returns to its 2015 full supply level there will be an increase in water available for recreation. This great news for those who enjoy water skiing, paddling, fishing and rowing on the lake! If you are interested to find out more you can download a recreation map from our website www.seqwater.com.au/recreation

Work hours and timing

Work hours are from Monday to Friday, 6.30am to 6.30pm and Saturday from 7.30am to 2.30pm. The project is expected to be complete in mid – 2019.

You can stay up-to-date with the progress through the project webpage, click [here](#)

Background – Dam Improvement Program

Sideling Creek Dam was constructed in 1957 and upgraded in 1969. In 2012-13, as part of our ongoing monitoring, Seqwater commissioned an independent assessment of Sideling Creek Dam and our other regulated dams. Sideling Creek Dam is one of a number of dams across South East Queensland identified in the assessment for upgrade.

In Queensland, dam owners are responsible for the safety of their dams under the Water Supply (Safety and Reliability) Act 2008. Seqwater's Dam Improvement Program is about upgrading dams in line with the latest engineering standards and to meet the current Queensland Dam Safety Guidelines.

Sign up for free dam release alerts

Sideling Creek Dam is an ungated dam. An un-gated dam is built in a way that means Seqwater has no control over water spilling from the dam once the dam water level surpasses the Full Supply Level. When rainfall in the catchment results in inflows to an un-gated dam that increase the water level beyond the dam's Full Supply Level, water begins to flow over the dam spillway. The dam spillway is lower than the dam embankment so that water can flow over the spillway and safely out of the dam into the creek or river system the dam is built on.

All un-gated dams help mitigate flooding to some extent. The peak outflow from an un-gated dam during a flood event is less than the peak outflow that would have occurred had the dam not been built, because some water is held in the dam while it is spilling.

Sign up to our [dam release notification service](#) to be notified when Sideling Creek Dam is spilling and/or nearby North Pine Dam is releasing water. This free service provides subscribers with notifications by [email](#), [SMS](#) or recorded messages to telephone landlines when gated dams are releasing water or un-gated dams are spilling. [Register](#) now to get dam alerts or download the Seqwater app from the [App Store](#) or [Google Play](#) on your device.

For more information

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