

Seqwater Dam Improvement Program

Lake Kurwongbah e-update



May 2020

Latest news

Construction work on the \$18 million Sideling Creek Dam Upgrade is now complete, with final upgrades to the spillway and downstream restoration finished last month.

Major upgrade works which were completed in 2019, included strengthening the main dam structure to better withstand earthquakes and extreme weather events.

Recreation area

The Lake Kurwongbah recreation area has been revamped with new picnic tables, shade structures and turf. With the upgrade complete, the water level of the lake has now returned to its original full supply level, offering greater recreation enjoyment for everyone. These facilities are now open for public use.

New koala and security fencing have been installed to protect local wildlife and prevent access to restricted areas of the dam. Please refer to image below for restricted access areas.



Background – Dam Improvement Program

Sideling Creek Dam was built 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 several 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

w seqwater.com.au/project/sideling-creek-dam-upgrade

e corporatecommunications@seqwater.com.au

p 1300 737 928



-----Safe Stamp-----