

## IMPORTANT UPDATE - Living downstream of North Pine Dam JANUARY 2025

North Pine Dam is one of several dams to be upgraded as part of Seqwater's Dam Improvement Program.

Seqwater is planning to commence Staged Strengthening works in 2025, which will involve installing post-tensioned anchors vertically through sections of the dam wall and into the rock foundation below the dam.

Planning on the longer-term dam upgrade is underway.

Visit [seqwater.com.au/npdip](http://seqwater.com.au/npdip) to learn more.

### North Pine Dam – lowering Lake Samsonvale

While North Pine Dam, also known as Lake Samsonvale, continues to operate safely under normal conditions, Seqwater is implementing additional precautionary measures this wet season by lowering Lake Samsonvale to better manage large spill events and catchment inflows.

Starting in January 2025, Lake Samsonvale will be gradually lowered to 34 metres (54% of its total capacity), which is approximately two metres lower than the current full supply level.

We are aiming to achieve the desired lake level in early 2025, however this timeline may vary depending on rainfall, catchment inflows and other environmental conditions. The lake lowering process will be carefully managed to reduce disturbance to aquatic environments, ensuring that aquatic fauna experience minimal impacts.

We expect the flow of water out of the dam into the North Pine River to be like our operational releases during a typical wet season. Lowering the level of the lake is not expected to produce unusual waterway rises for residents living downstream.

Lowering of Lake Samsonvale is expected to take several weeks and will not impact recreational activities, and they are expected to remain open for shared recreation of motorless boating, canoeing and fishing.

This important work aims to balance dam safety with water security to achieve the best outcome for South East Queensland's water grid. Although the lake level will remain lowered for the foreseeable future, it will not affect the local water supply.

We will monitor and continually review North Pine Dam and the SEQ Water Grid capacity to determine if any further changes are required.

### Updates to the North Pine Dam Emergency Action Plan

During a flood event, Seqwater monitors the safety of its dams, including gated dams like North Pine Dam. Gated dams cannot prevent flooding from occurring altogether and in an extreme flood, there are risks that the safety of a dam can become compromised.

Under the *Water Supply (Safety and Reliability) Act 2008*, all referable dams must have an Emergency Action Plan (EAP) in place which outlines hazards associated with a dam, and how effective warnings and notifications will be provided in the event of an emergency such as an extreme flood or an earthquake.

This is standard industry practice and a regulatory requirement of responsible dam infrastructure owners, to support a quick and coordinated approach in the event of an emergency.

Seqwater recently reviewed the North Pine Dam risk assessment and has updated the EAP and trigger levels. The changes to the EAP would see an emergency response activated earlier. While North Pine Dam continues to operate safely, it's important to be prepared in the event of an emergency.

Visit [seqwater.com.au/dams/north-pine-lake-samsonvale](http://seqwater.com.au/dams/north-pine-lake-samsonvale) to view the EAP and learn more about the dam and how water releases work.

### FOR MORE INFORMATION

-  3432 7000 (during business hours)
-  [projectinfo@seqwater.com.au](mailto:projectinfo@seqwater.com.au)
-  [seqwater.com.au](http://seqwater.com.au)
-  /seqwater
-  @seqwater
-  @seqwater

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