

Dam Improvement Program

NORTH PINE DAM IMPROVEMENT PROJECT

NOVEMBER
2023

Dam Improvement Program

Dams are long-life infrastructure, and our understanding of risk changes over time, particularly when we consider climate change impacts and more extreme weather events.

The methodologies and data used to estimate extreme weather and flood risks have changed significantly since some Queensland dams were built, and safety risks and engineering standards have improved.

Through Seqwater's Dam Improvement Program, we're investing in our region's dams to comply with the latest safety standards and continue to function safely during extreme weather events in line with regulatory requirements, and ensure they provide water security for years to come.

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

North Pine Dam continues to operate safely, and all Seqwater dams are built to very high, internationally accepted safety standards.

About the North Pine Dam Improvement Project

North Pine Dam can withstand rare and extreme floods including possible inflows much greater than the January 2011 flood. However, the largest possible flood we can estimate would exceed the capacity of the dam.

With a large population living downstream of North Pine Dam, the risk to downstream communities means the dam needs greater capacity to withstand the Probable Maximum Flood (PMF).

The early planning stages will involve a series of technical investigations including geotechnical drilling and sampling to better understand the foundation of the dam and its structural integrity.

This process will also involve an analysis of all the possible upgrade options to make sure the dam can continue to perform safely and protect downstream populations in the future.

Status

The North Pine Dam Improvement Project has complex design and approval requirements that requires several years to plan and complete. The project is currently in the Options Analysis Phase.

Reduced full supply level

While the Dam Improvement Program is underway, North Pine Dam is operating with a reduced full supply level.

This is an industry-accepted practice to manage dam safety and demonstrates commitment to the ongoing safety of dam infrastructure.

SEQ has a safe, reliable and resilient water supply system, stemming from careful and ongoing water security planning and a diverse asset base which allows Seqwater to supplement supply in a timely way when needed.

The temporary reduced level does not significantly impact the long-term water supply security for the region.

Periodic reviews will continue until the dam is upgraded to ensure dam safety, water supply and long-term water security are appropriately managed.

Keeping you informed

Seqwater is committed to keeping the local community informed.

To sign up for North Pine Dam Improvement Project updates or for more information on the project, please contact:

e projectinfo@seqwater.com.au

p 3432 7000 (during business hours)

w seqwater.com.au/project/north-pine-dam-improvement-project

Non-English speakers call 131 450 and ask for Seqwater on 07 3035 5500.

If you have a hearing or speech impairment, contact us through the National Relay Service and give the number 07 3035 5500 a call or visit **www.relayservice.gov.au** for more information.

