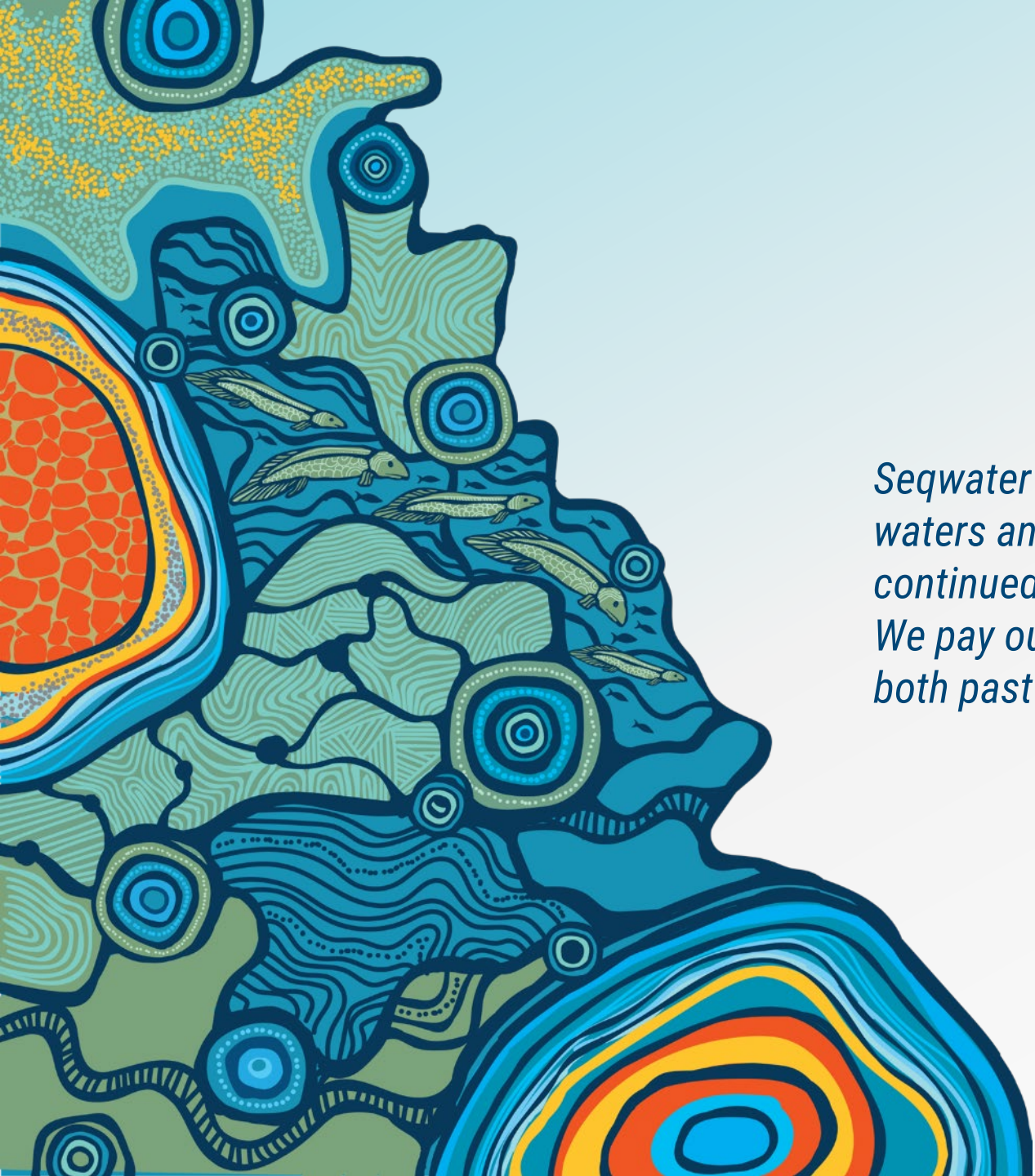


# North Pine Dam Improvement Project

Community Reference Group  
Meeting Number 2

11 March 2026





*Seqwater acknowledges the Traditional Owners of these waters and surrounding lands and recognises their continued connection to the land, waters and community. We pay our respects to them and their cultures and to elders both past and present.*

# Agenda

1. Welcome and Recap (previous meeting)
2. Project Update
3. Community Update
4. Dam Safety
5. Look Ahead
6. General Business
7. Future Meetings
8. Conclusion



# Welcome and Recap



# Project Update



# North Pine Dam Improvement Project

- Preliminary design for Reference Project progressing.
- Completed seasonal aquatic and terrestrial surveys in December 2025. Next round due to commence this month.
- Platypus monitoring in several locations along North Pine River has been organised by Seqwater based on feedback received last meeting.
- Engagement continues with City of Moreton Bay regarding Forgan Road upgrades.
- Ongoing engagement with Office of Coordinator-General and other regulatory agencies.
- Detailed Business Case planning continues.



# North Pine Staged Strengthening Project

- Specialist contractor SRG Global Civil Pty Ltd commenced installing 55 post-tensioned anchors in January.
- The anchors will provide around 75,000 tonnes of effective weight to the dam wall, boosting its structural integrity to ensure it continues to perform safely during extreme weather events.
- Anchors range from 39 to 101 metres in length and use almost 246 kilometres of high-tensile steel strand in total.
- Construction expected to be complete by the end of 2026, weather and conditions permitting.



# Construction Update

RH Abutment Ponds



Mono 1 Coring



Anchor install



Anchor Install



2nd Drill Rig



Anchor Grouting



# Community Update



# Engagement activities this year

- Notification distributed for temporary closure of a section of McGavin View car park.
- Media release distributed about the start of drilling and anchoring work.
- City of Moreton Bay Project Working Group held on 18 February 2026.
- Q1 Community Update Newsletter scheduled for distribution late March 2026.



# Community Updates

## Ongoing

- Monthly Project Working Group meetings with City of Moreton Bay to coordinate potential project impacts and opportunities for Youngs Crossing Upgrade.
- Regular contact with neighboring properties on Grant Street and Vores Road.
- Continuing Community Reference Group.



## Planned

- Quarterly Community Update Newsletter.
- Undertaking Traditional Owner engagement.

# Dam Safety



# Our Dams

## 26 Water Dams

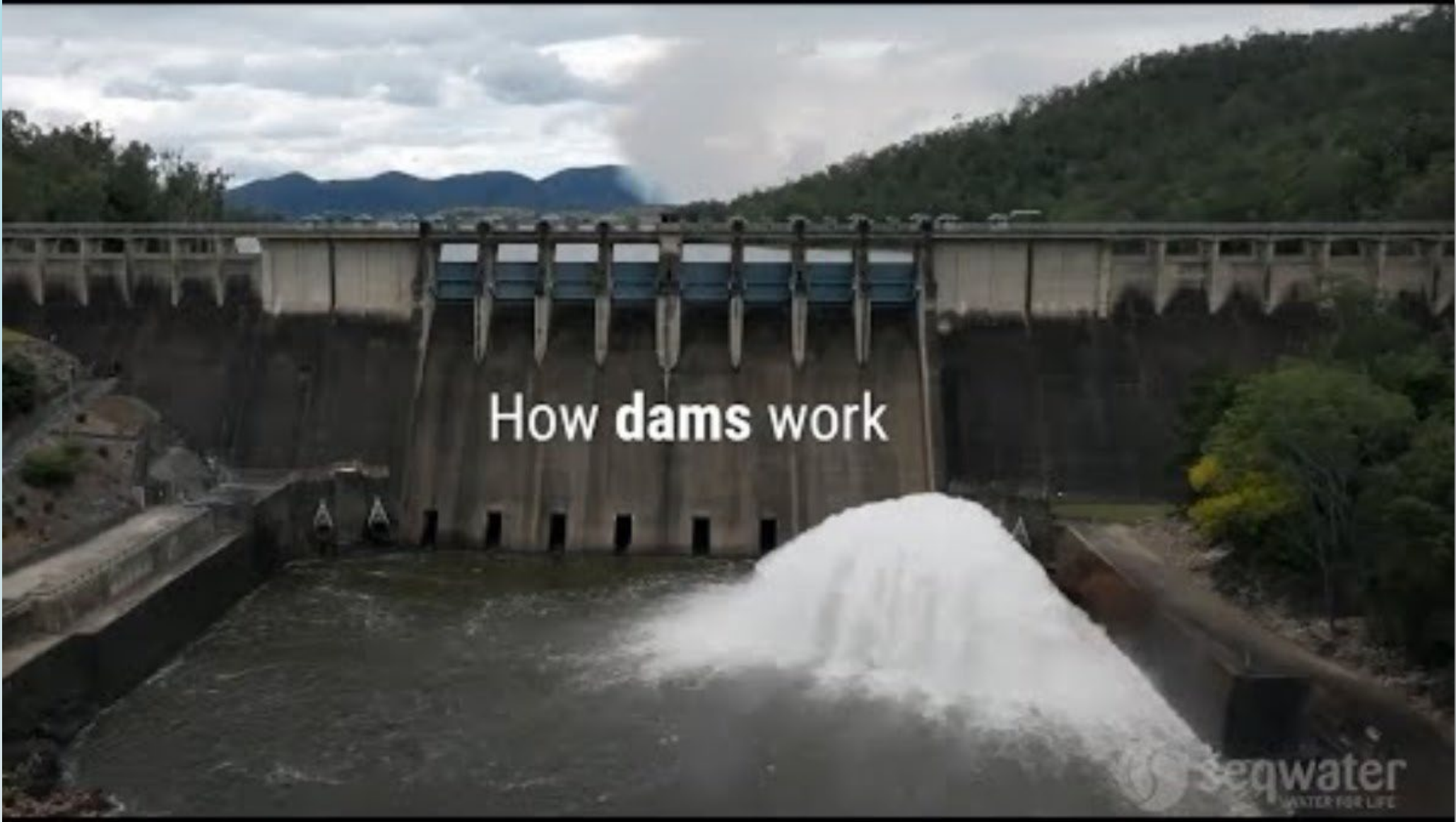
- 25 are referable (*people at risk if the dam was to fail*)
- 23 ungated dams
- 3 gated



# Dam Safety Overview

- Seqwater is required to comply with:
  - *Queensland Dam Safety legislation under the Water Supply (Safety and Reliability) Act 2008*
  - *Supporting Queensland Dam Safety Regulatory Guidelines (e.g. QDSMG).*
- Follow good practice from Australian National Committee for Large Dams (ANCOLD) Guidelines.
- We have a dam safety management program in place to meet these guidelines and ensure our dams meet national standards, improve storage capability and operate at a high level of safety.
- Over the past 10-15 years we have upgraded a range of dams, including Lake Manchester (2008), Borumba (2008), Hinze (2011), Leslie Harrison (2019), Sideling Creek (2020) and Ewen Maddock (2021) and currently upgrading Lake Macdonald Dam.





# Gated Water Supply Dams with Flood Mitigation Manuals



**Wivenhoe  
Dam**



**North Pine  
Dam**



**Somerset  
Dam**

# Ungated Water Supply Dams and Flood Mitigation Dams



**Hinze  
Dam**



**Enoggera  
Dam**

# Ungated Dams



**Wyaralong  
Dam**



**Wappa  
Dam**



**Lake Manchester  
Dam**

# Features of North Pine Dam



# Features of North Pine Dam

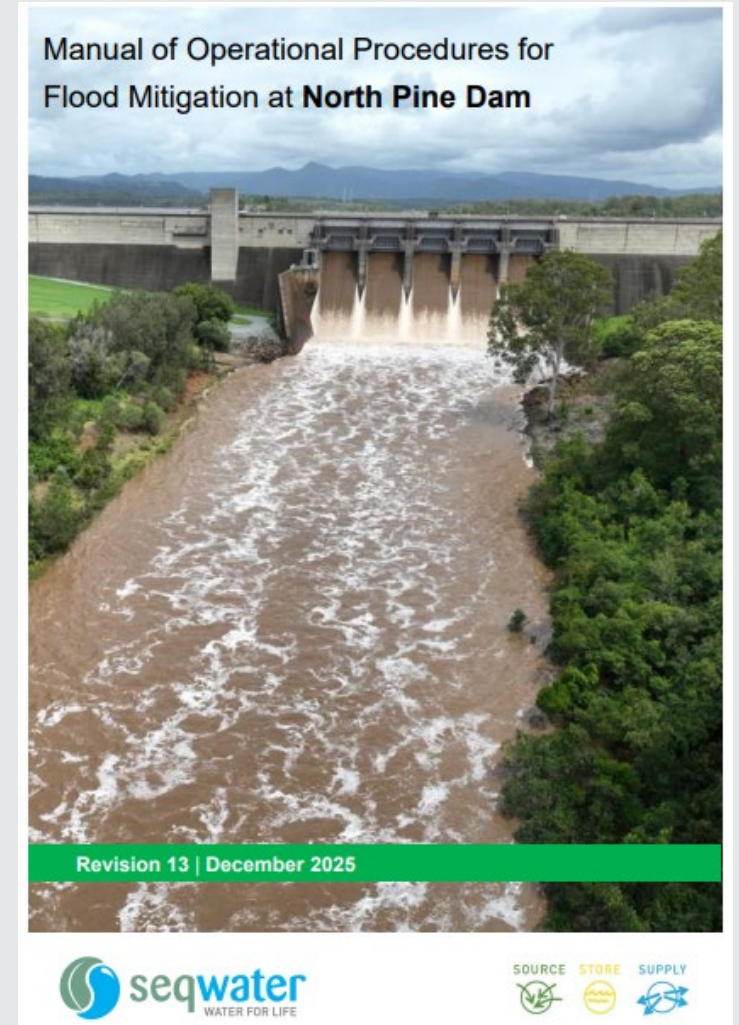


# Features of North Pine Dam



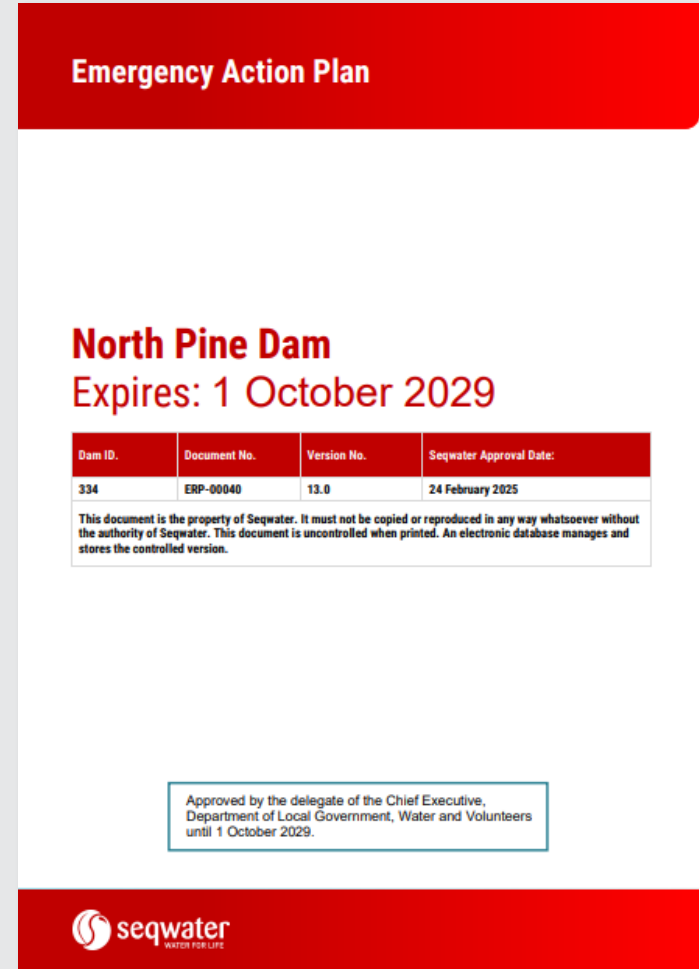
# North Pine Dam risk & consequence

- Extreme consequence category – required to adhere to high standards and legal requirements.
- North Pine Dam is currently operating with a Reduced Full Supply Level (RFSL) of 34.0 m AHD, under the provisions of the section 399B of the Water Supply (Safety and Reliability) Act 2008.
- New RFSL implemented in January 2025 to manage risk in line with regulatory requirements – mainly driven from a hydrology update.
- Seqwater is continually updating engineering assessments to inform upgrade design and operation of the dam.



# During a Flood Or Emergency

- Seqwater has an Emergency Action Plan (EAP) for each of its 25 referable dams (those that could pose a risk to two or more people if they were to fail).
- EAPs help Seqwater and emergency services identify potential hazards and outline how to respond.
- If a dam-related risk or hazard is identified, Seqwater notifies the relevant disaster management groups.
- Seqwater, or the disaster management group, can issue emergency notifications to potentially affected residents.
- The disaster management group leads the broader emergency response, including evacuations, resource deployment, and recovery efforts.
- By working together, Seqwater and its emergency partners ensure community safety remains the top priority during dam or flood emergencies.
- [North Pine EAP and Flood Mitigation Manual publicly available](#)




**Emergency Action Plan**

**North Pine Dam**  
**Expires: 1 October 2029**

Dam ID.	Document No.	Version No.	Seqwater Approval Date:
334	ERP-00040	13.0	24 February 2025

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Approved by the delegate of the Chief Executive,  
Department of Local Government, Water and Volunteers  
until 1 October 2029.



# What You Can Do



Know your local flood risk – visit your council's website



Stay up to date during emergencies via Seqwater and council channels



Sign up for local emergency alerts

# Look Ahead



# Look Ahead

- NPDIP design and cost estimate progressing to support the Detailed Business Case.
- Ongoing engagement with community, council and government agencies.
- Continuation of Staged Strengthening construction works.
- Continue engagement with relevant environmental approval agencies.
- Ongoing surveys such as traffic counts and additional site investigations.

<b>Milestone Activity</b>	<b>Date (Indicative)</b>
Gate 1 Preliminary Evaluation Achieved	2025 (completed)
Preliminary Design Complete	2027
Detailed Business Case - Draft	2027
Detailed Business Case (Seqwater internal approval)	2027

# General Business



# Future Meetings

## Topics of Interest

Date	Topics
16 June 2026	<b>Environment</b> – Flora and fauna, protection of native and endangered species, koalas and fish management strategies
8 September 2026	<b>Water Supply and Security</b> – Lake levels, water security, and investment projects (NPI-3, Dayboro, etc.)
2 December 2026	<b>Recreation</b> – Assumptions versus reality (and likely impacts during construction)
10 March 2027	<b>Construction</b> – Methodology, staging, and access/road impacts



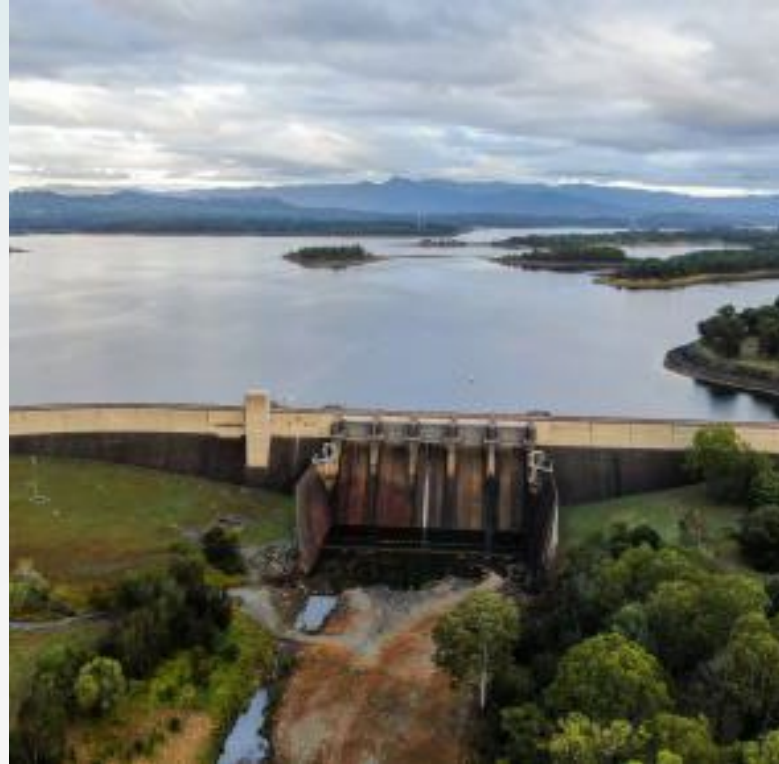
# Conclusion

## Next meeting

Tuesday 16 June 2026

4pm – 6pm

@ Oasis Church Group



# QUESTIONS

E: [projectinfo@seqwater.com.au](mailto:projectinfo@seqwater.com.au)

P: 3432 7000

