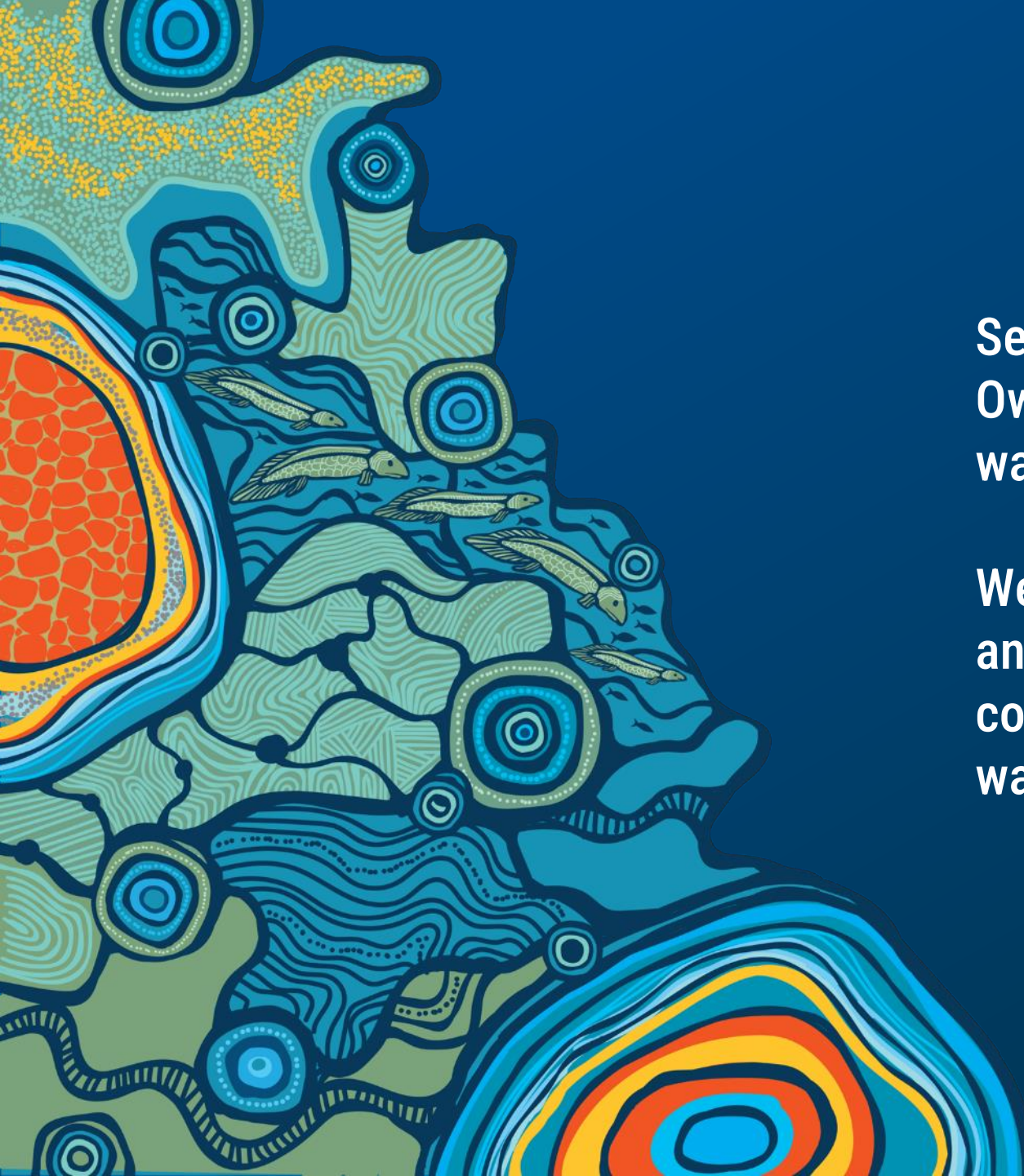


North Pine Dam Improvement Project

Community Reference Group
Meeting #4

8 September 2026





Seqwater acknowledges the Traditional Owners of the land, catchments and waterways on which we live, work and play.

We pay our respects to Elders past, present and emerging; and acknowledge their continued connection to the land, water and culture of this area.

Admin and updates





Agenda

1. Welcome
2. Outstanding Actions
3. Project Updates
4. Communications Updates
5. Recreation
6. General Business
7. Conclusion



Outstanding actions

Item	Action	Owner	Update
1.	Submit further feedback and ideas about project legacy for consideration by the team	CRG Members	
2.	Respond to feedback at the next CRG meeting	Seqwater	

Project Updates





Project update

North Pine Dam Improvement Project

- Detailed Business Case development in progress
- Preliminary engineering design is being finalised to support the Detailed Business Case
- Campaign 1 of geotechnical investigations successfully completed in early August. The samples have been sent for laboratory testing which will inform the next phase of design
- Collaborative engagement with the Queensland Office of the Coordinator-General and the Commonwealth Government to progress projects approvals
- Engagement continues with City of Moreton Bay regarding Forgan Road upgrades

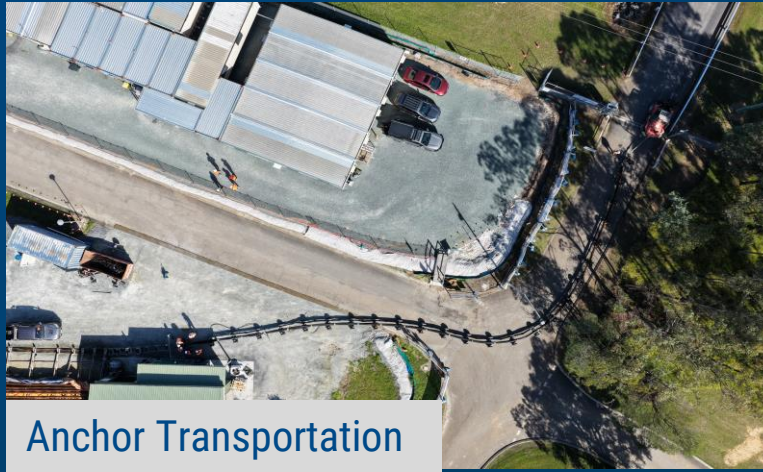


Project Update

North Pine Dam Staged Strengthening Project



Anchor Installation



Anchor Transportation



Anchor Transportation

Site Progress:

- Progressed anchor drilling, now 100% complete
- Anchor fabrication at 100% complete
- Anchor Installation and grouting 100% complete
- Anchor Stressing commenced
- Commencement of temporary works design for Primary Spillway Anchoring (PSA) scope
- Procurement of long lead items for PSA scope



Project Update

North Pine Dam Staged Strengthening Project



Anchor Head Install



Anchor Installation



Anchor Fabrication



Refurbished vehicle gates



Stressing Jack



Look Ahead

- Detailed Business Case development activities to continue
- Completion of preliminary engineering design activities for inclusion in the Detailed Business Case
- Staged Strengthening
 - Anchor stressing and commissioning targeted by end of October
 - Mobilisation of all equipment and materials for Primary Spillway anchoring scope
 - Commencement of physical works for Primary Spillway anchoring scope targeting end of 2026

Communications and Stakeholder Engagement update





Stakeholder Engagement

Q3 Community Update Newsletter - scheduled for distribution in late September 2026

- North Pine Dam 50th Anniversary
- Ongoing engagement with City of Moreton Bay





What you need to know!

- Planning for Community Day around mid-October



Look Ahead

- Q4 (December) Community Update Newsletters
- Moreton Bay Emergency Services Expo – Saturday, 27 September
- Community Information Sessions - Dates TBC



Mentimeter

Community Reference Group MentiMeter - Mentimeter



Feedback survey results

Focus Area	Feedback and Suggestion	POTENTIAL Legacy Initiative	Project Influence
Environment	Protect koala habitat, native vegetation, wildlife movement, water quality, erosion management, feral animals and weeds.	Habitat restoration, koala planting, pest management strategy, environmental monitoring.	High
Recreation	Maintain and improve recreation opportunities, trails, parks and foreshore access.	Recreation corridor, trail upgrades, replacement recreation areas, improved access.	Medium
Safety	Address fire management, emergency preparedness, security and anti-social behaviour.	Fire evacuation planning, improved security, surveillance and community communication.	Medium
Dam Operations	Concerns regarding water releases, erosion, flooding and downstream impacts.	Enhanced stakeholder engagement, release communications, erosion mitigation.	Medium
Cultural Heritage	Recognise First Nations and settler history and cultural values.	Interpretive signage, heritage displays, place naming, cultural storytelling.	High
Education	Support educational outcomes and improve community understanding of the dam and environment.	Education hub, school programs, interpretive centre, information boards.	Medium
Partnerships	Work with councils, schools, environmental organisations and community groups.	Formal partnerships, working groups and community programs.	High
Innovation and Sustainability	Consider innovative design and renewable energy opportunities.	Solar infrastructure, alternative engineering solutions.	Medium
Local Identity and Sense of Place	Maintain community connection to place and local character.	Public spaces, trails, gathering areas and place-making initiatives.	Medium

Water Security

SEQ Water grid overview

Lowered Full Supply Levels are currently in place at:

- Wivenhoe ~90%
- Somerset ~80%
- North Pine ~54%
- Lake Macdonald ~39%

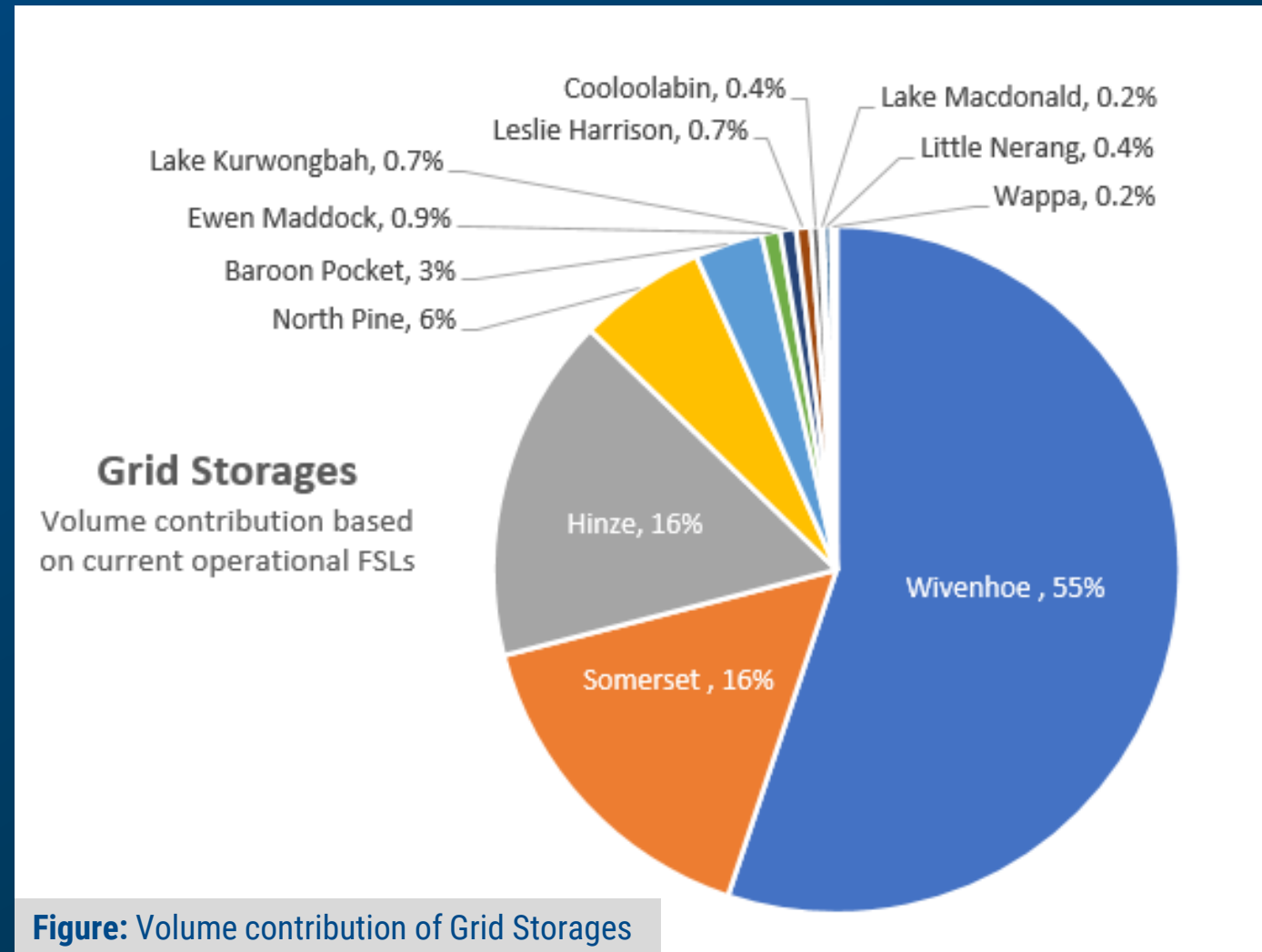
Inter-regional transfer pipelines help manage water security risk while dam levels are lowered.





Water grid storages

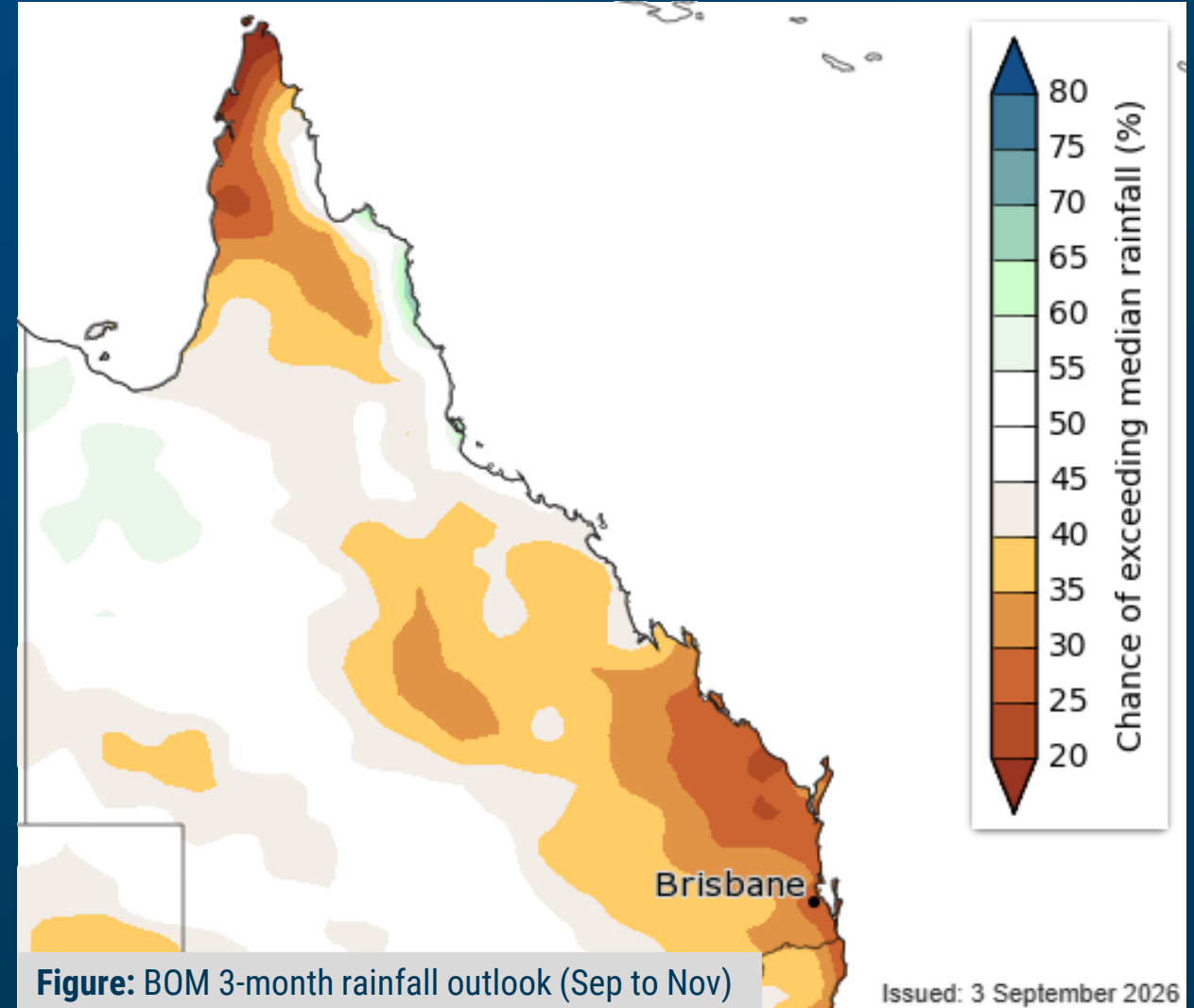
- Wivenhoe, Somerset and Hinze Dam currently make up around 87% of the total Water Grid storage volume.
- North Pine currently contributes around 6% of the total Grid storage volume while reduced to 54%.
- Some smaller storages, which may not contribute as much to the overall Grid storage volume are still critical for local supply areas and to contribute to Grid supply during high demand





Current water security and outlook

- The current SEQ Water Grid storage level is **81.6%** (as at 5th Sep 2026) with an operational volume available up to 86.6%
- Grid storages are reasonably full, however noting an El Niño outlook.
- With a dry outlook across Spring/Summer, higher demands are likely due to increased outdoor use.





Desired level of service and drought response

Water Regulation defines the Desired Level Of Service Objectives

- Medium Level Water Restrictions: Less frequent than 1 in 10 yrs
- Time in restrictions: Less than 5% of the time
- EMSV frequency: Less than 1 in 10,000 yrs
- Key dams reach their Minimum Operating Level: Less than 1 in 10,000 yrs

EMSV = Restrictions to
Essential Minimum Supply
Volume

(100 Litres per person per
day for residential and non-
residential usage)

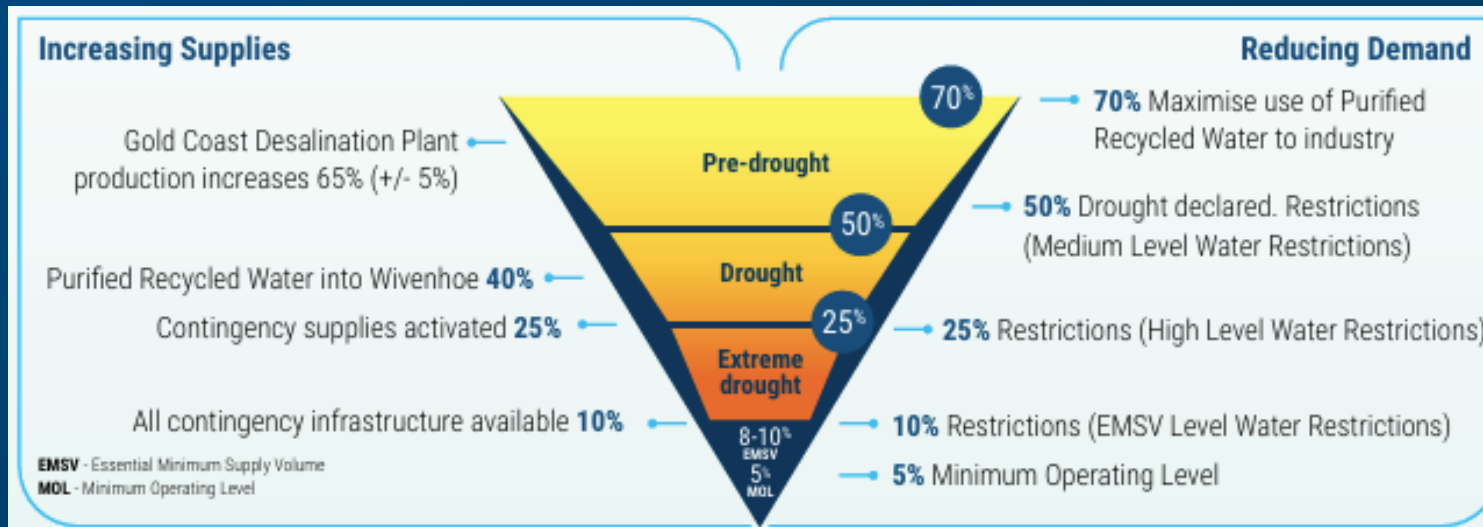


Figure: Drought response plan from <https://www.seqwater.com.au/water-security>



North Pine Dam – Importance for the Grid

- Water sourced from Lake Samsonvale (North Pine) is treated locally at the North Pine Water Treatment Plant.
- Treated water can be transferred to the SEQ northern region (Moreton Bay, Sunshine Coast and Noosa) or south into Brisbane.

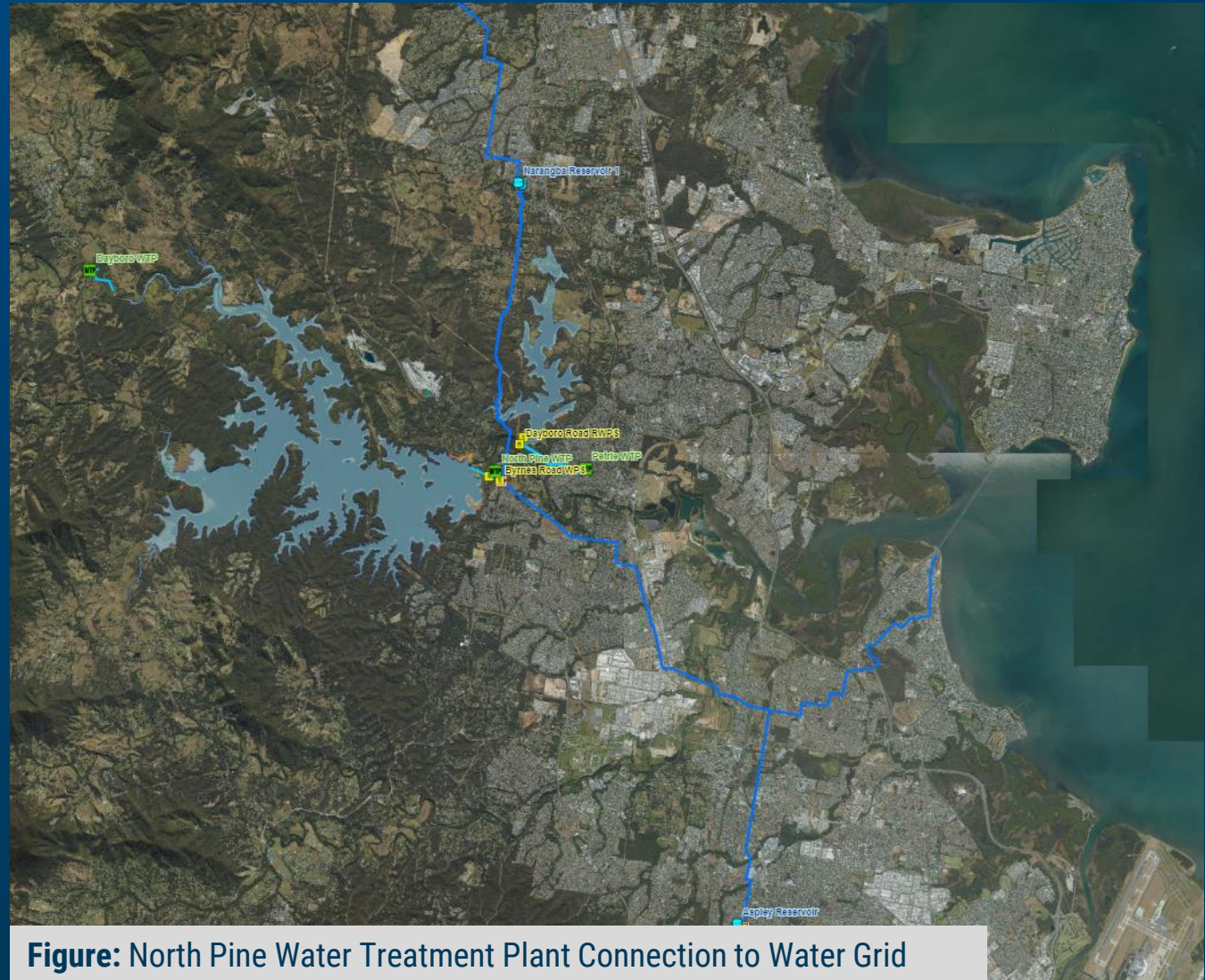
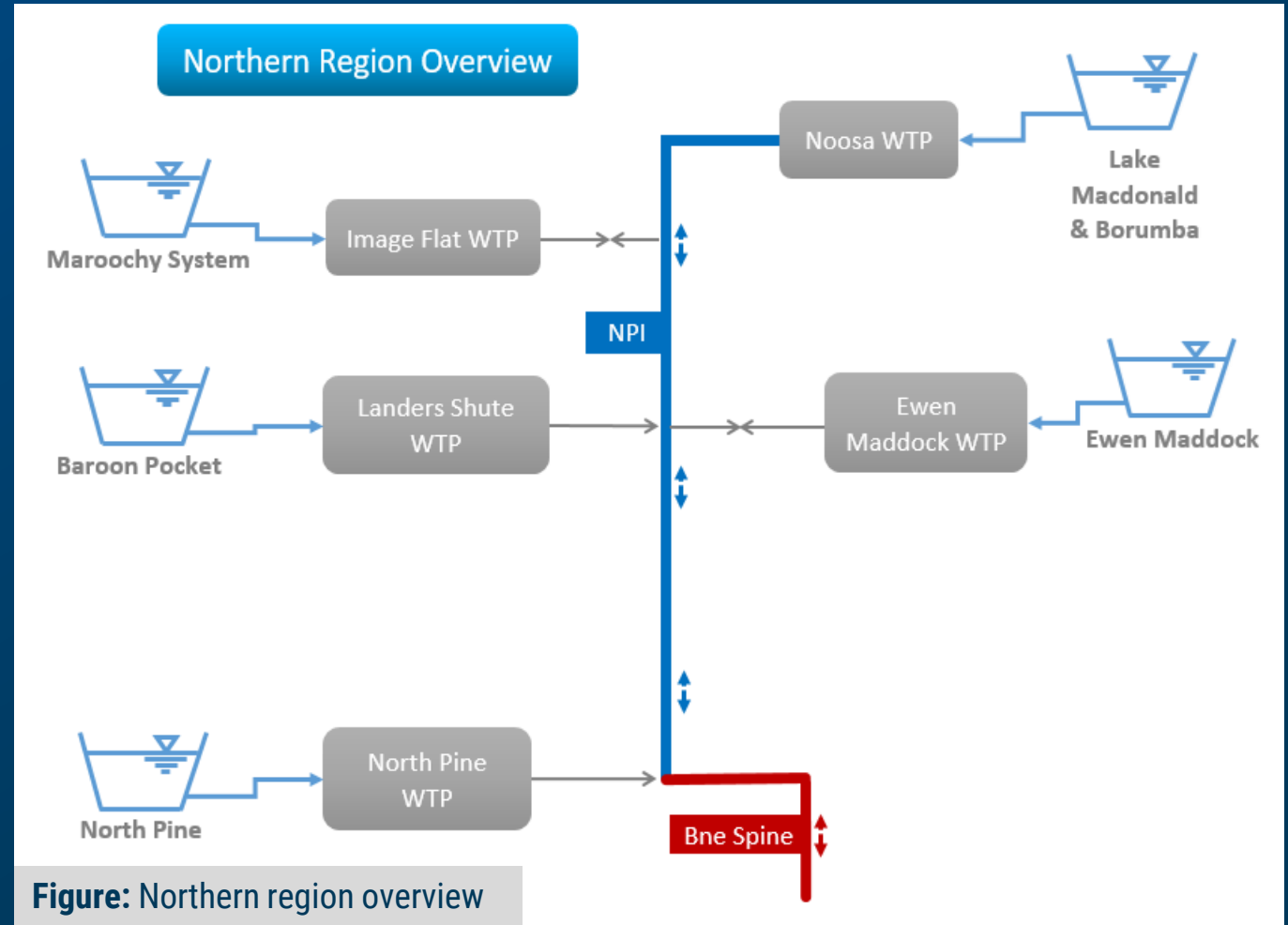


Figure: North Pine Water Treatment Plant Connection to Water Grid



North Pine Dam – Importance for the Grid

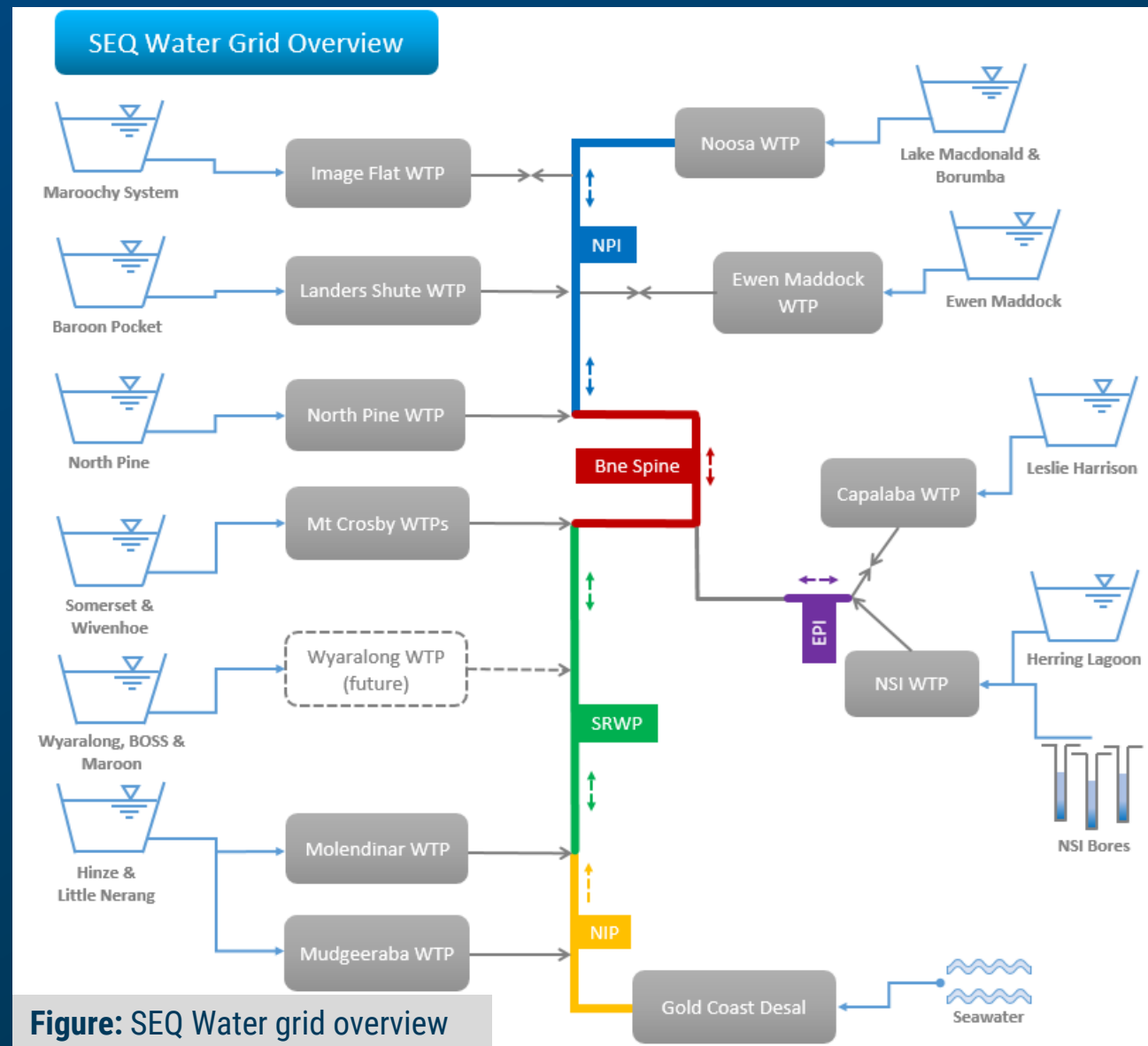
- Baroon Pocket is the primary water source for the SEQ northern region.
- North Pine is an important supplementary source for the northern region when Baroon Pocket receives low inflows during a wet season.
- Through the Northern Pipeline Interconnector (NPI), extraction and therefore drawdown of Baroon Pocket can be reduced, when supply is available from North Pine.



Water security projects

Proposed future Grid infrastructure projects include:

- Wyaralong Water Treatment Plant and the Interconnector Pipeline to the Grid - additional supply to the Grid
- Northern Pipeline Interconnector (NPI) Stage 3 – additional transfer capacity to SEQ northern region



General Business



Future Meetings





Future Meetings

Other future meeting discussions

Meeting #5 | 2 December 2026

Thank You

