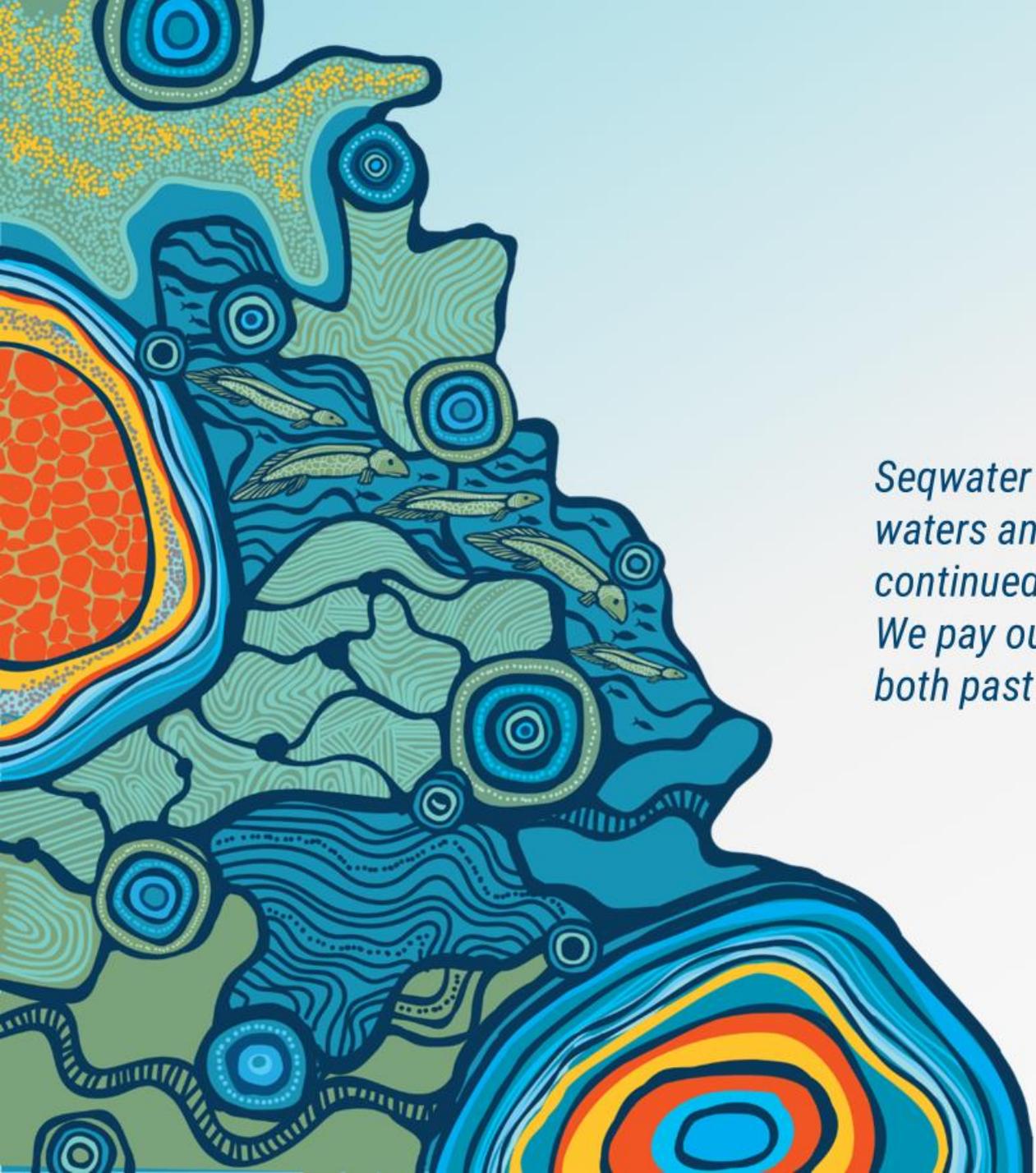


Lake Macdonald Dam Improvement Project

Community Reference Group
Meeting 6

4 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.

Admin and updates

Agenda

1. Welcome
2. Outstanding actions
3. Communications update
4. Project update
5. Environment update
6. Additional questions
7. Meeting conclusion

Administration

Actions from last meeting

Item	Action	Assigned to	Status
1.	Confirm whether the dust and noise monitoring data is publicly available and able to be shared.	Seqwater	In progress
2.	Review and improve downstream emergency alert process (Cooran) and report back.	Seqwater	Complete
3.	Provide update on Rowing Club DA, access impacts and any alternative storage options.	Seqwater	In progress
4.	Provide update on sheet piling completion and confirm revised construction 'camp' arrangements for left embankment.	John Holland	Complete
5.	Circulate draft CRG meeting dates for the next year.	ODAPTIC	Complete
6.	Follow up and confirm the Wildlife Society meeting location.	CRG member (Philip)	In progress

Communications update

Stakeholder engagement

- **Demolition work scheduled to start from 16 March**
 - Demolition start date updated from 9 March due to wet weather
 - Ongoing engagement with residents
 - Demolition notification – doorknock and letterbox distribution
 - Met with Noosa Electorate Office – 19 Feb
 - Coffee in the park event – 21 Feb
 - Briefing with Noosa Shire Council – 27 Feb
- **Lake Macdonald Drive and Elm Street intersection work**
 - Scheduled to start 7 April
 - Elm Street/Lake Macdonald Drive intersection notification – planned
doorknock and letterbox distribution
- **Q1 Community Update Newsletter**
 - scheduled for email distribution in March 2026.



Project update

Cofferdam update

- Piling status
 - Sheet piles driven – 100% complete
 - Final pile cutting – 90% complete
- Rock bag status – 100% complete



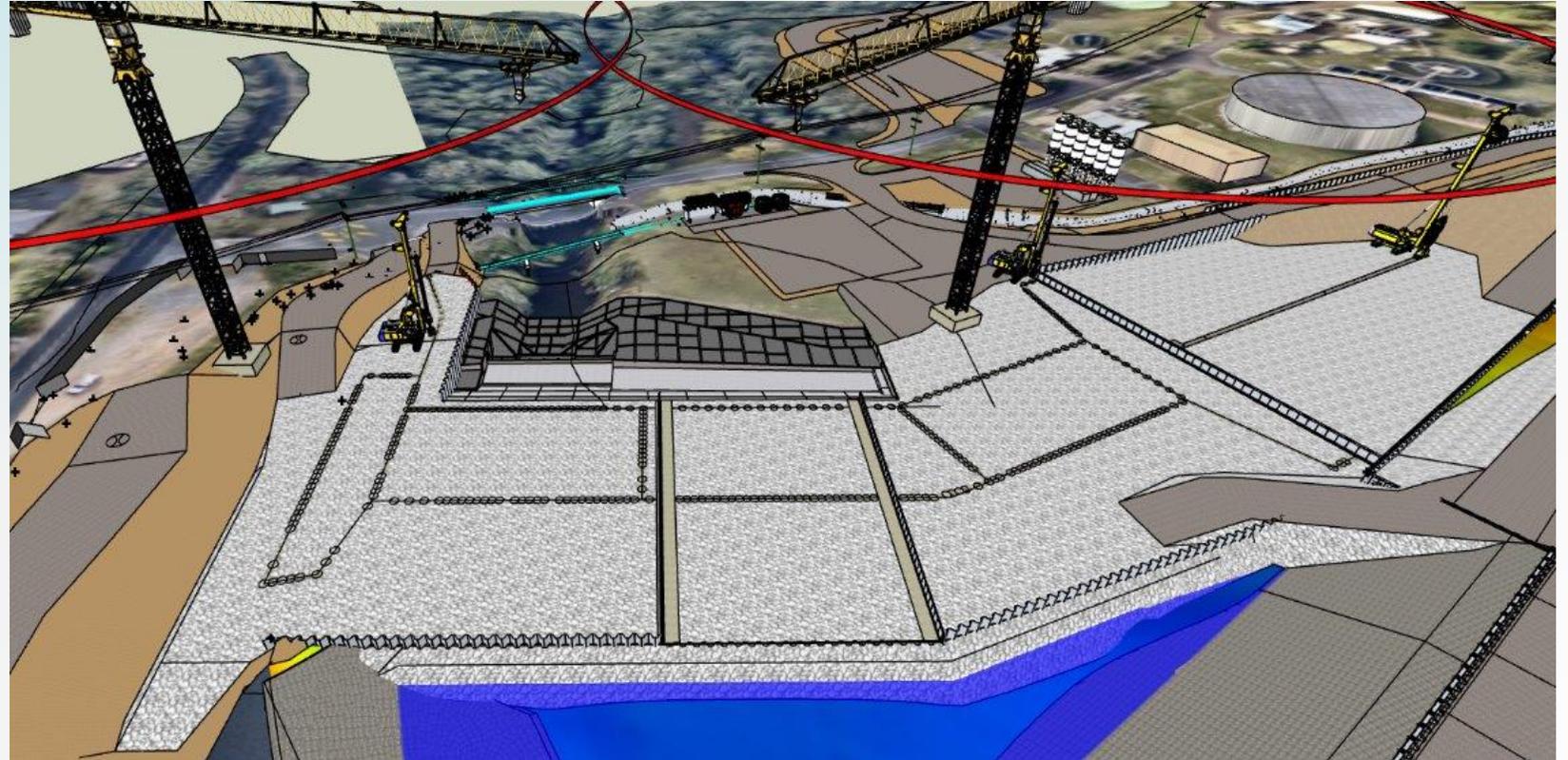
Demolition update

- Planned demolition start date:
16 March (weather permitting)
- 15 days of 24-hour work



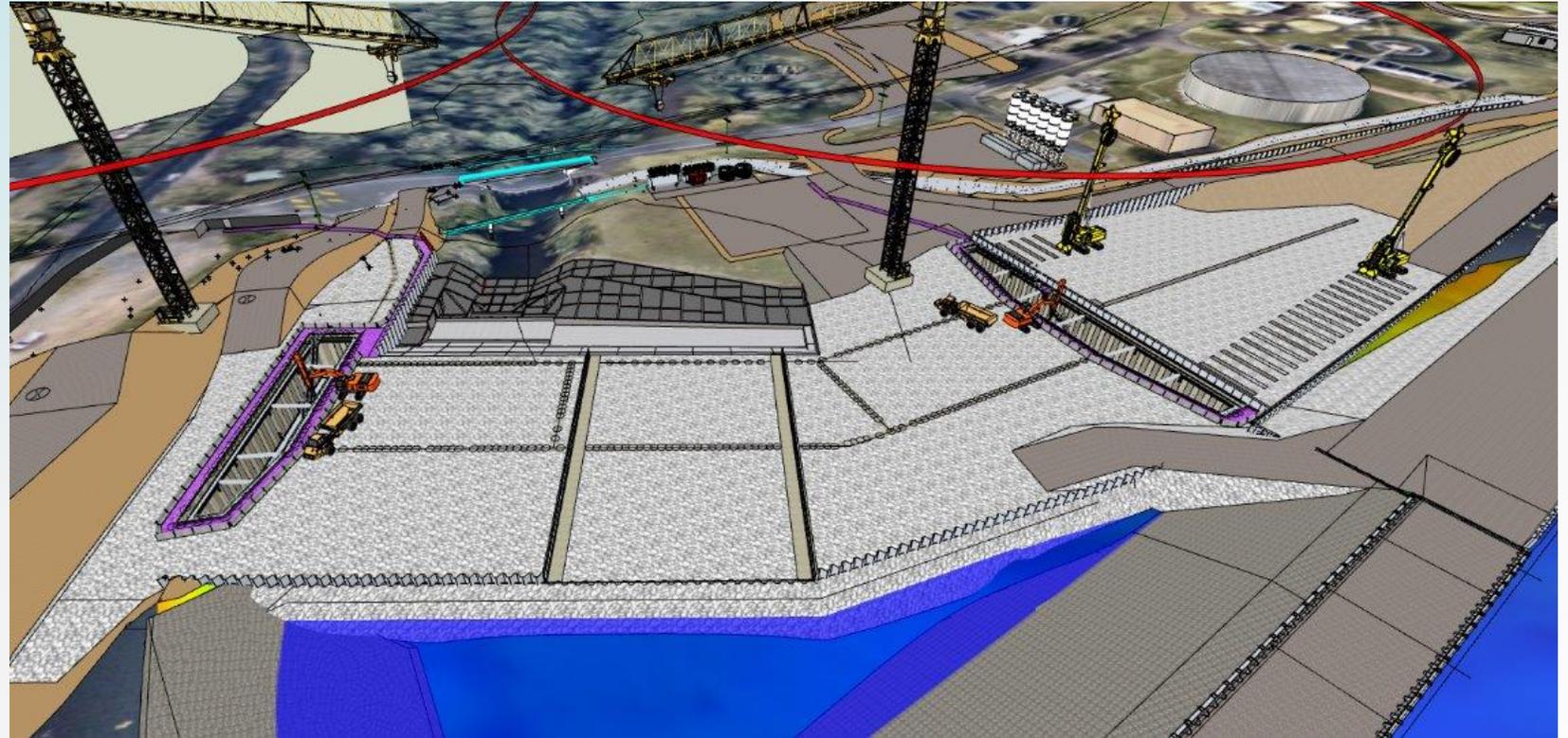
Construction phase look-ahead

- Working platform
- Upstream and downstream sheet pile
- Low flow channel installation
- Secant piling
- Diaphragm Wall construction



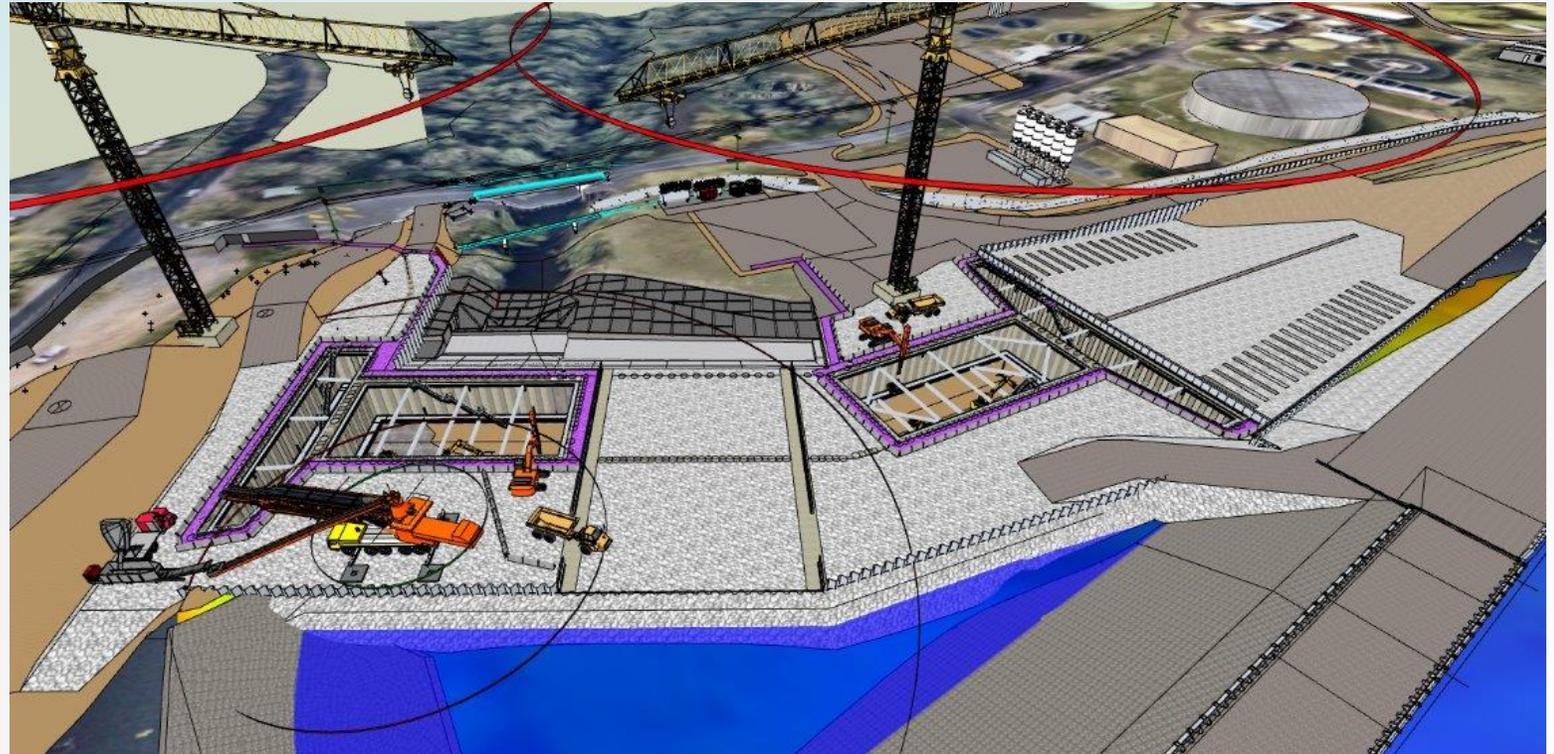
Construction phase look-ahead

- Secant pile cell excavation
- Secant pile cell retention installation (with cell excavation)
- Shear wall installation on right embankment



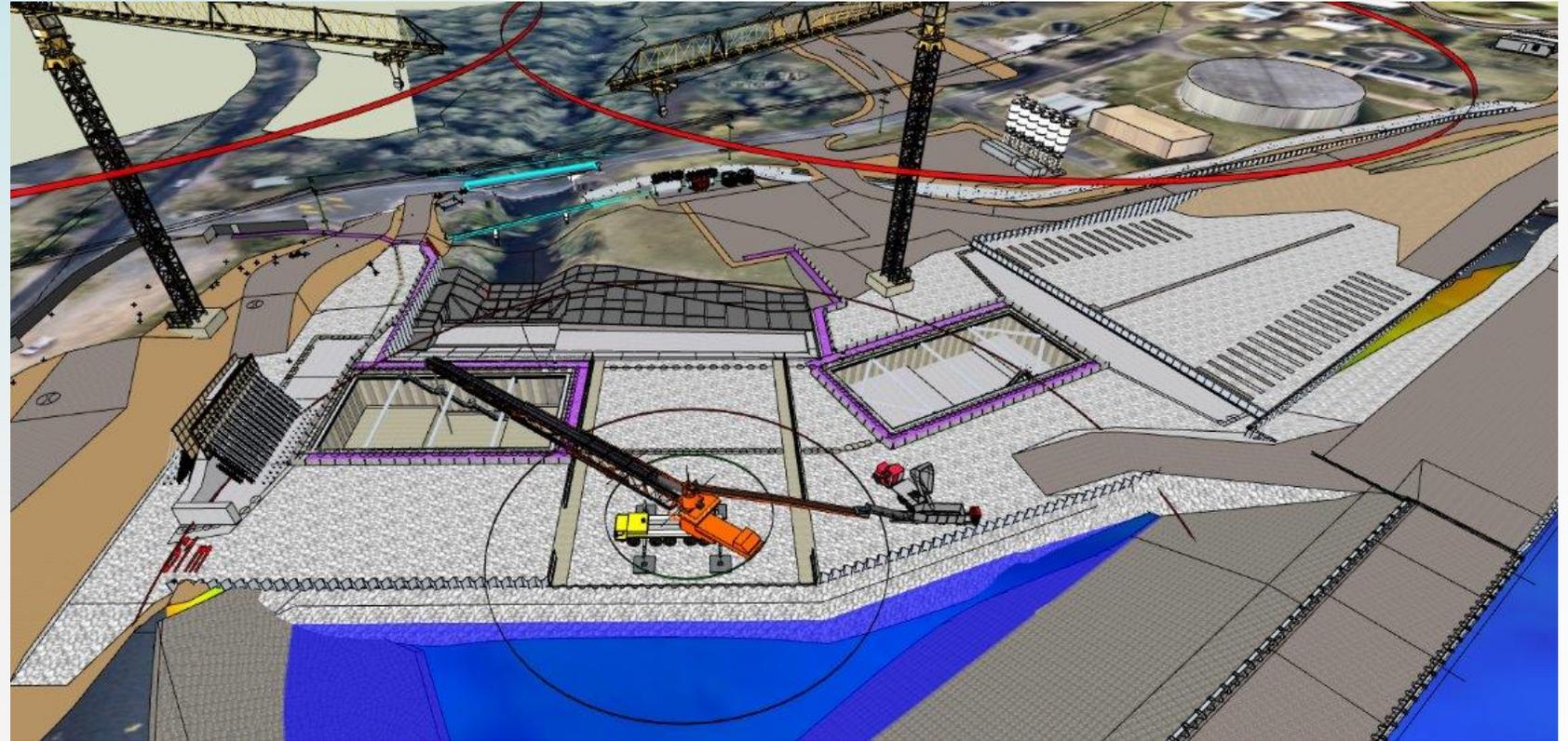
Construction phase look-ahead

- Secant pile cell excavation
- Secant pile retention system installation (with cell excavation)
- Mass concrete installation
- Secant pile retention system removal (with mass concrete installation)



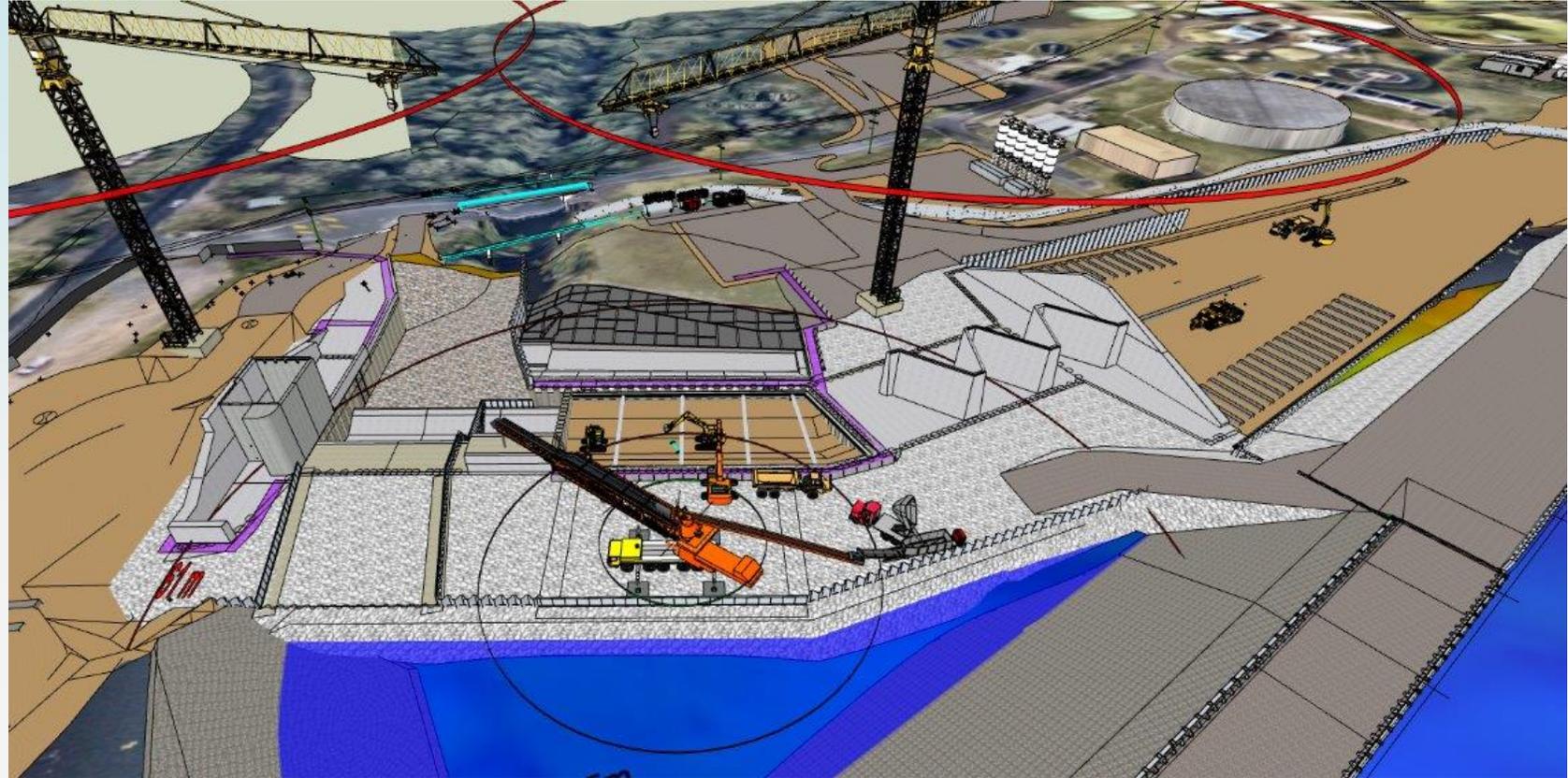
Construction phase look-ahead

- Mass concrete installation
- Secant pile retention system removal (with mass concrete installation)



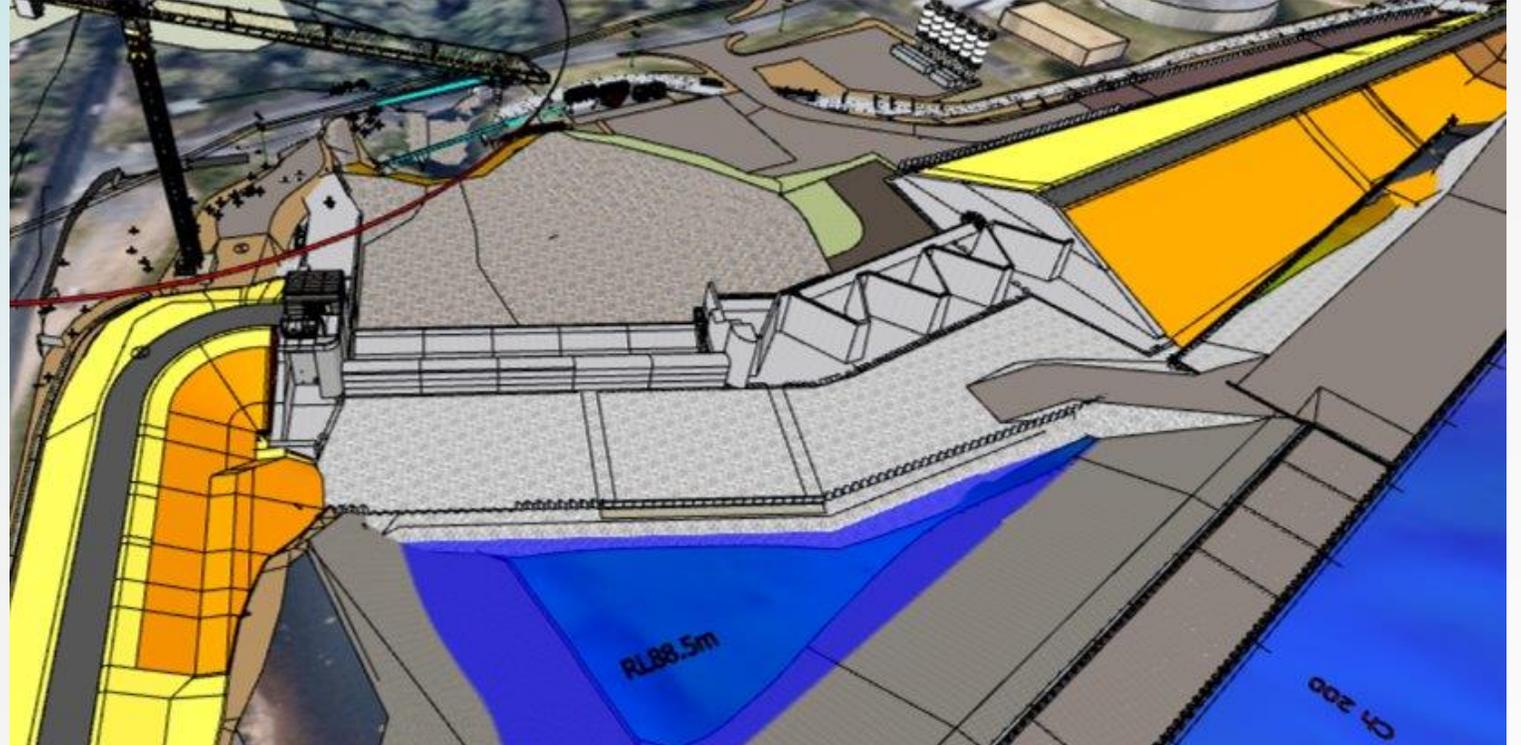
Construction phase look-ahead

- Low flow switch
- Secant pile cell excavation
- Secant pile retention system installation (with cell excavation)
- Spillway and Ogee construction
- Outlet tower construction
- Downstream erosion protection



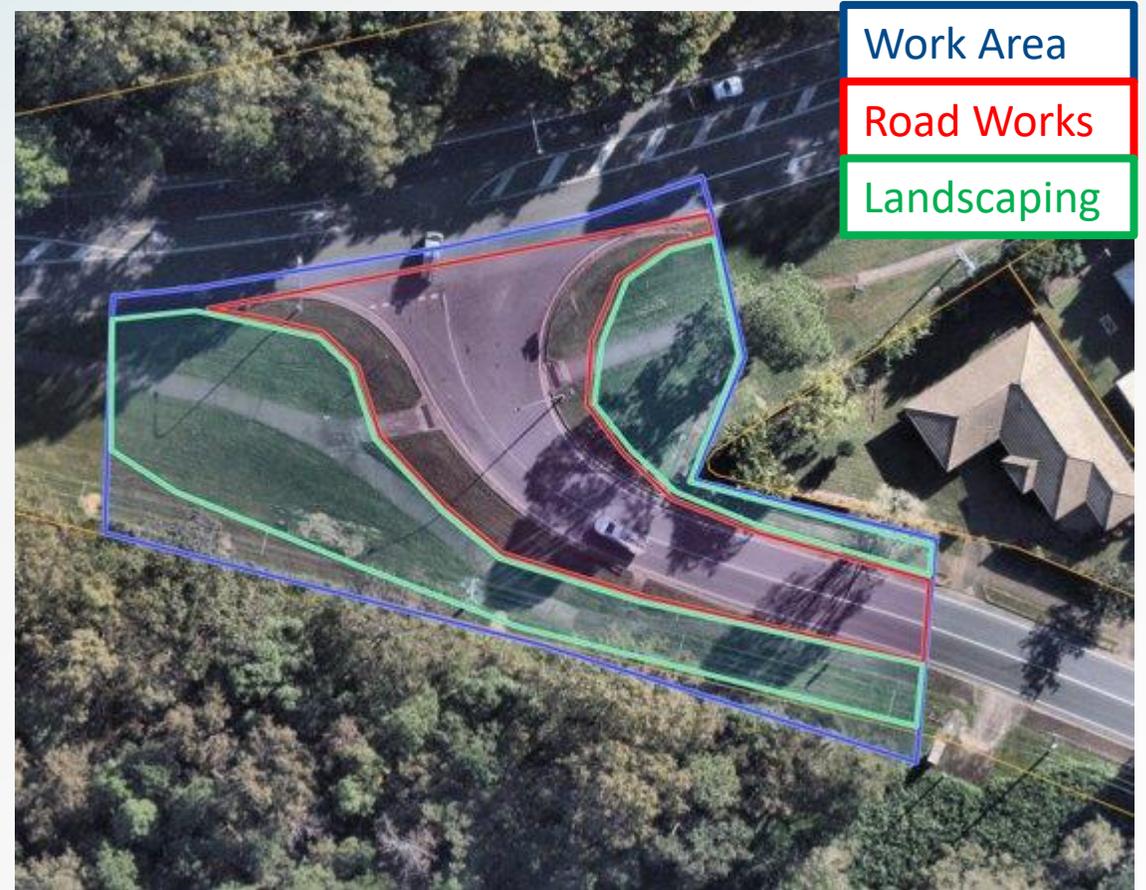
Construction phase look-ahead

- Ogee completion
- Spillway completion
- Embankment completion
- Downstream erosion protection completion



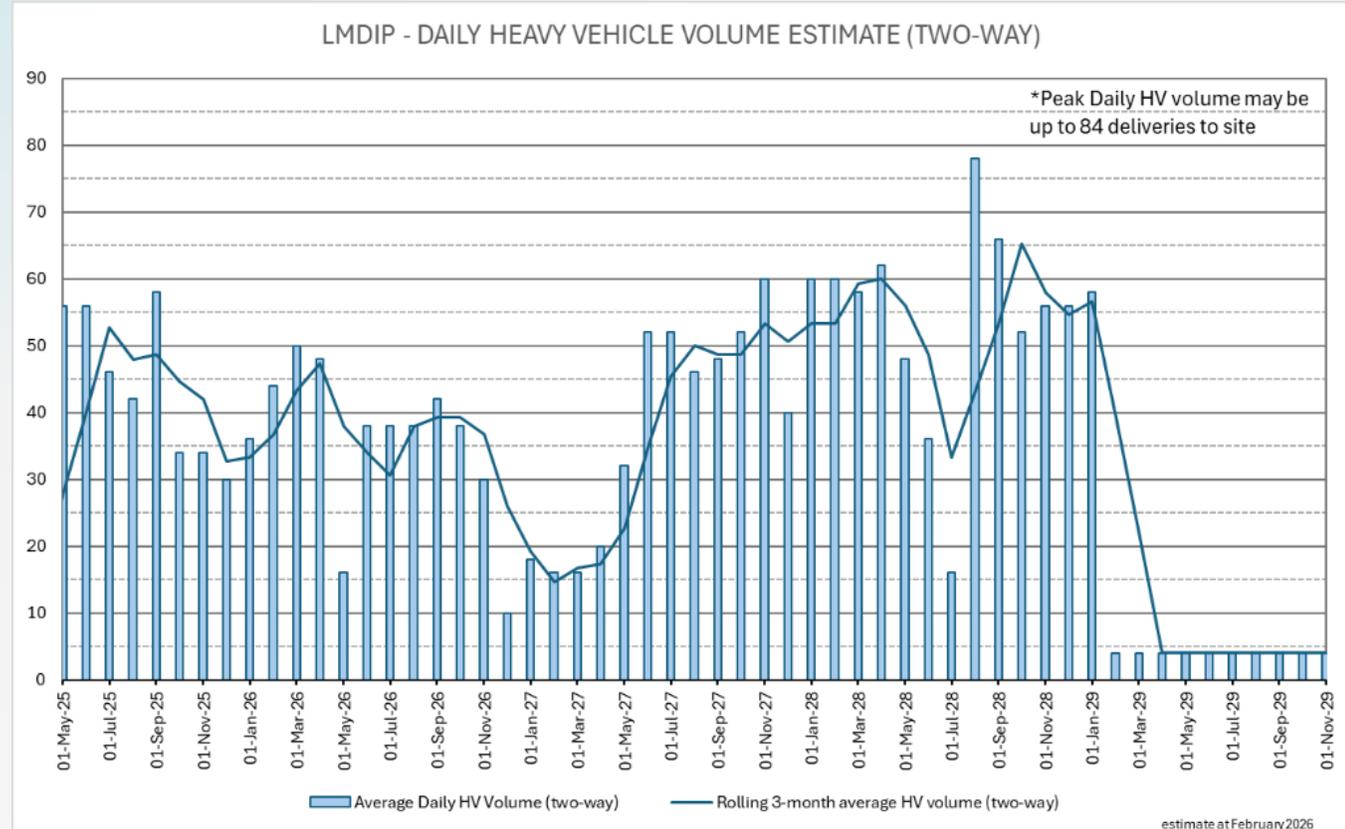
Elm Street and Lake Macdonald Drive Intersection upgrade

- Works will commence after Easter – from 7 April 2026
- Notification will be distributed in mid-March
- Door knock to the school, childcare, businesses and residents prior to commencing



Trucking and Quarry update

- Rockfill material importing from a variety of sources.
- Truck and dogs from:
 - Boral Moy Pocket – gravels for batch plant hardstand.
 - Cordwell Kin Kin – ballast for construction of working platform.
 - Boral Moy Pocket – rockfill for construction of the working platform.
 - Quarry diversity required to allow supply of multiple material types within required timelines.



Gympie Weir Upgrade

- Commencing engagement with Gympie Regional Council regarding construction access and laydown areas.
- Continue with environmental planning and approvals.
- Finalising engineering exercise.



Environment update

Turtle Survey February 17-20th

Summary of turtle survey - 16/2/2026 to 20/2/2026

Species	Common name	Total
<i>Chelodina longicollis</i>	Long neck turtle	137
<i>Emydura macquarii krefftii</i>	Kreft's turtle	428
<i>Wollumbinia latisternum</i>	Saw shelled turtle	3
Total		568



Lungfish

On the 17 February, a 1.27m long 19kg Lungfish was caught in a fyke net.

This living fossil could be anywhere from 10-70yrs old!

Although there are some anecdotal reports of hearing the 'Gulp' of Lungfish from recreational fisherman, their presence has never been confirmed in the lake.

The ecologist noted that this particular fish was of exceptional health compared to those found in other regions around SEQLD

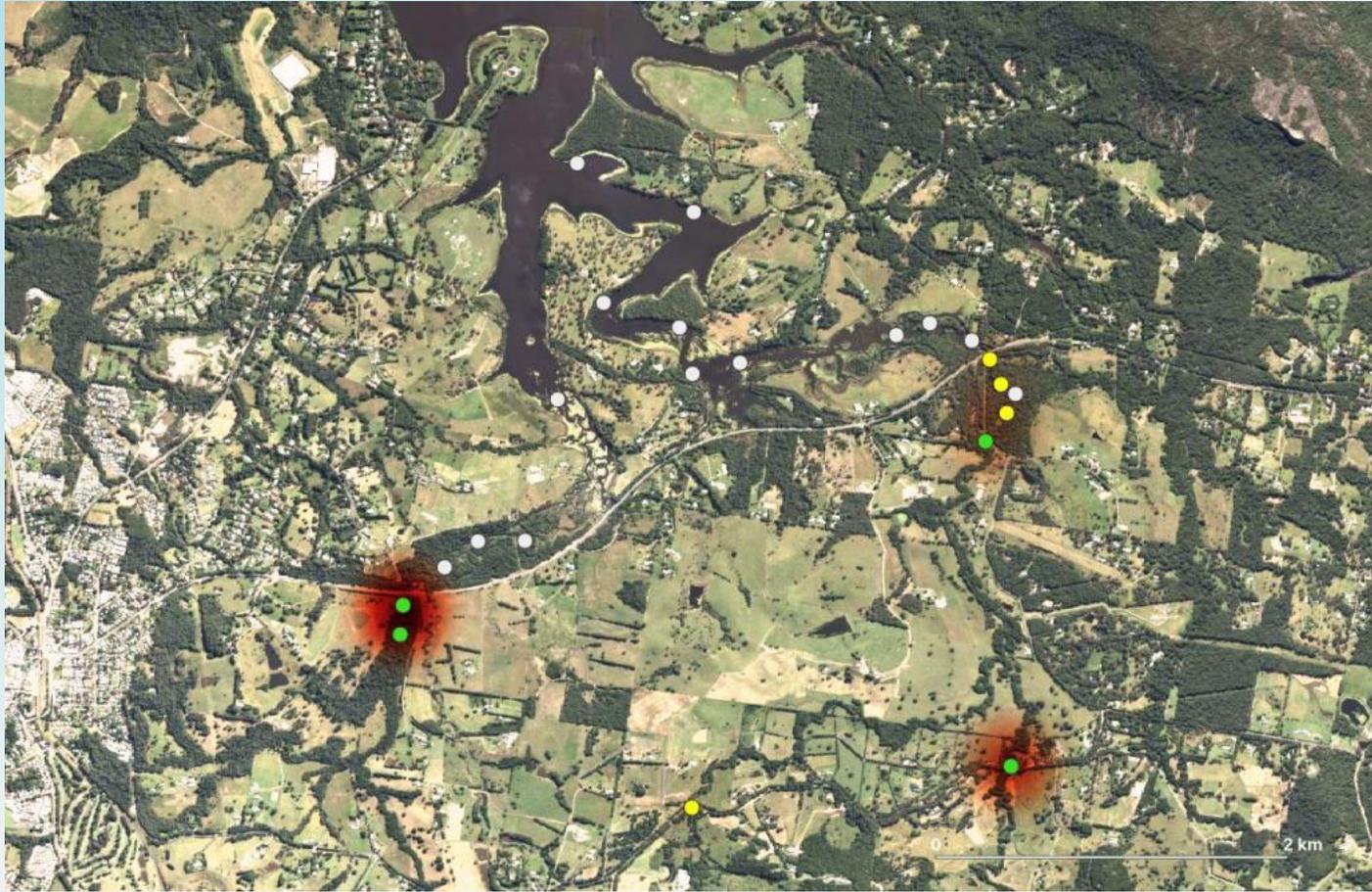


Salvage of the stilling basin

Species	DAY 1	DAY 2	DAY 3	DAY 4	DAY 5	DAY 6	TOTAL
Date	22/01/2026	23/01/2026	27/01/2026	28/01/2026	30/01/2026	11/02/2026	
Turtles							
<i>Kreft turtle</i>	13	2	2	8	3	8	36
<i>Long neck turtle</i>	0	0	0	1	1	1	3
Native fish							
<i>Banded grunter</i>	37	41	15	86	28	35	242
<i>Bass</i>	1	0	0	0	1	0	2
<i>Bony bream</i>	913	422	520	516	881	617	3869
<i>Carp gudgeon</i>	34	67	109	114	167	36	527
<i>Catfish</i>	7	11	9	33	2	22	84
<i>Dwarf flathead gudgeon</i>	0	0	0	1	0	0	1
<i>Glassfish</i>	397	474	140	178	750	1392	3331
<i>Hardyhead</i>	46	274	78	244	486	736	1864
<i>Long finned eel</i>	18	8	15	25	2	9	77
<i>Purple spotted gudgeon</i>	0	1	0	0	0	0	1
<i>Rainbowfish</i>	0	19	0	2	1	2	24
Pest fish							
<i>Platy</i>	0	0	0	0	1	0	1
Total catch	1466	1319	888	1208	2323	2858	10062



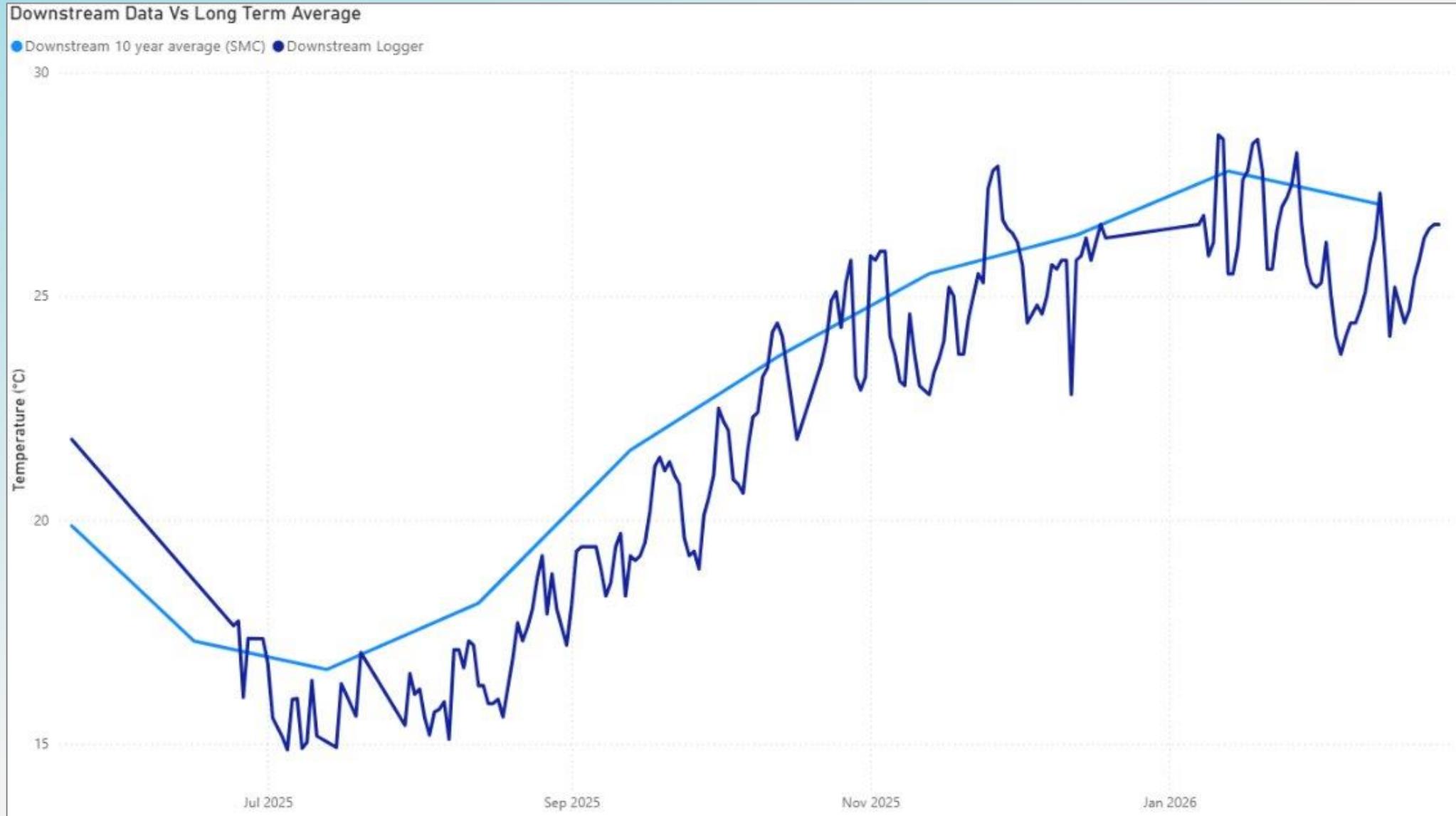
Platypus eDNA



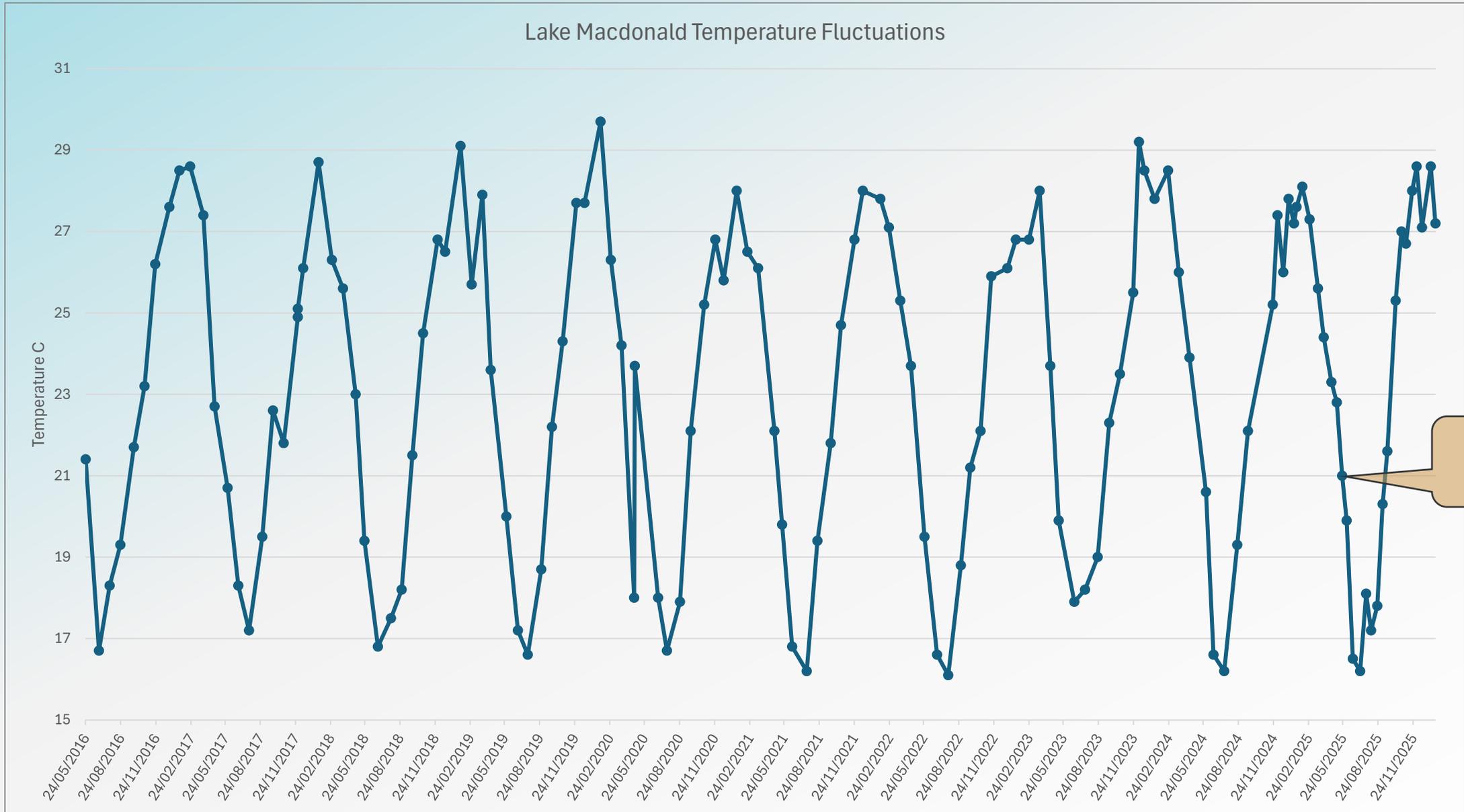
- White is negative
- Yellow is equivocal
- Green is positive



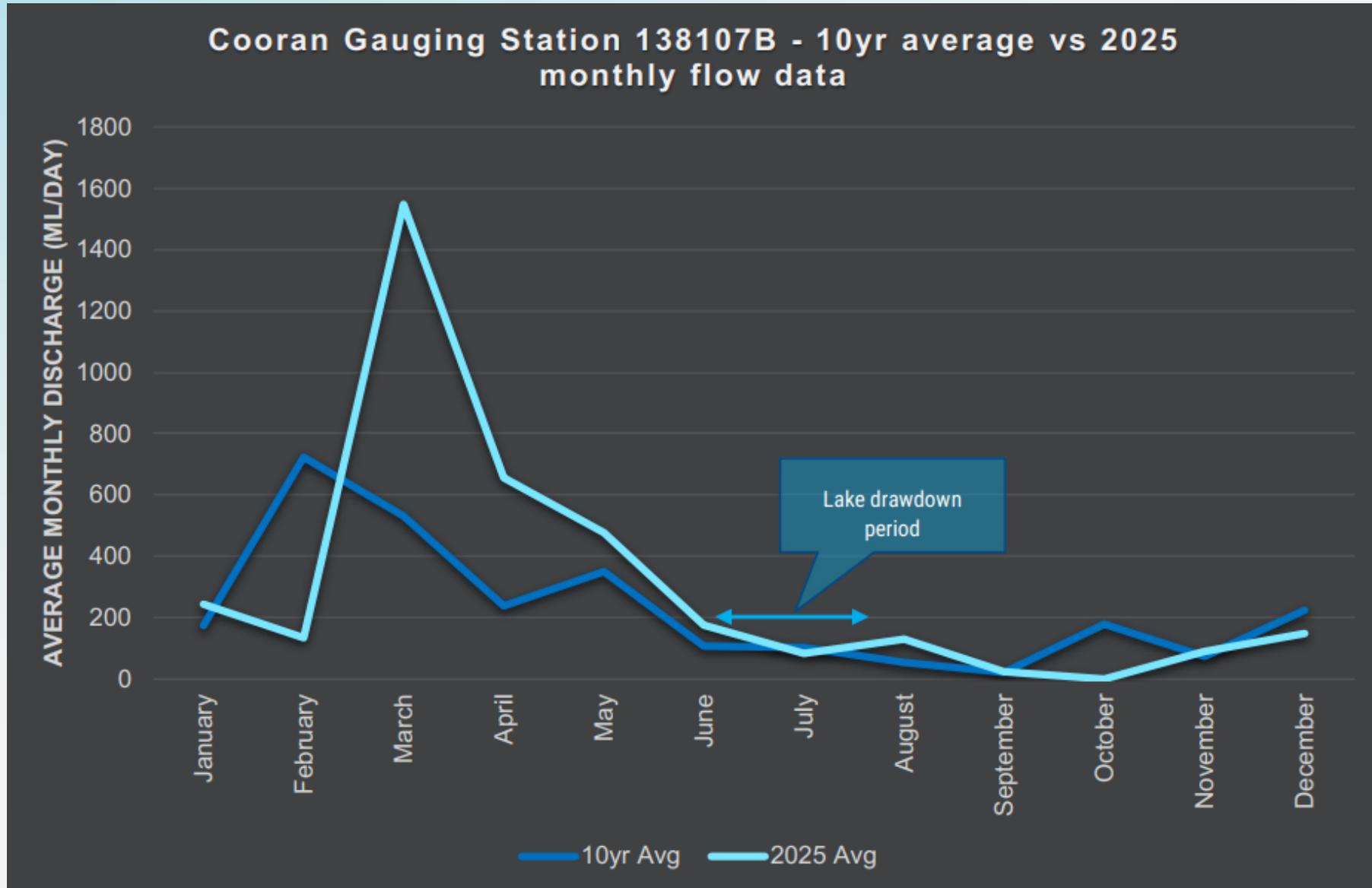
Water temperature trends – Project period



Water temperature trends – Project period



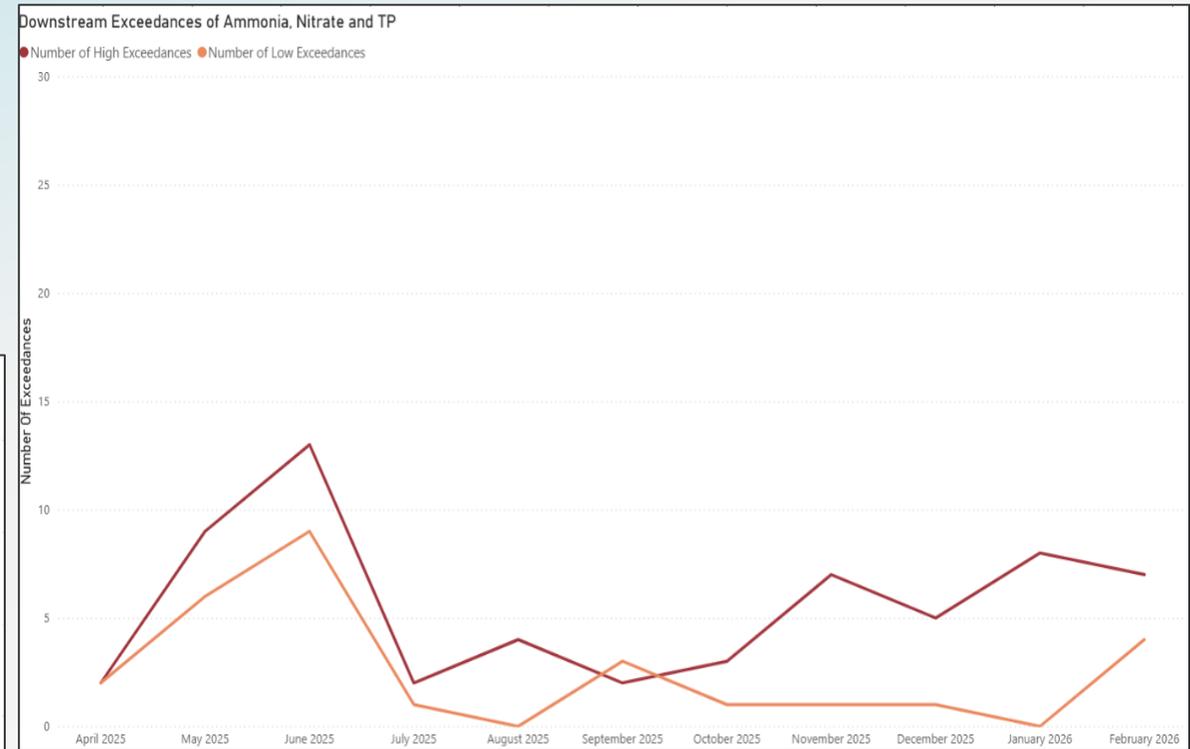
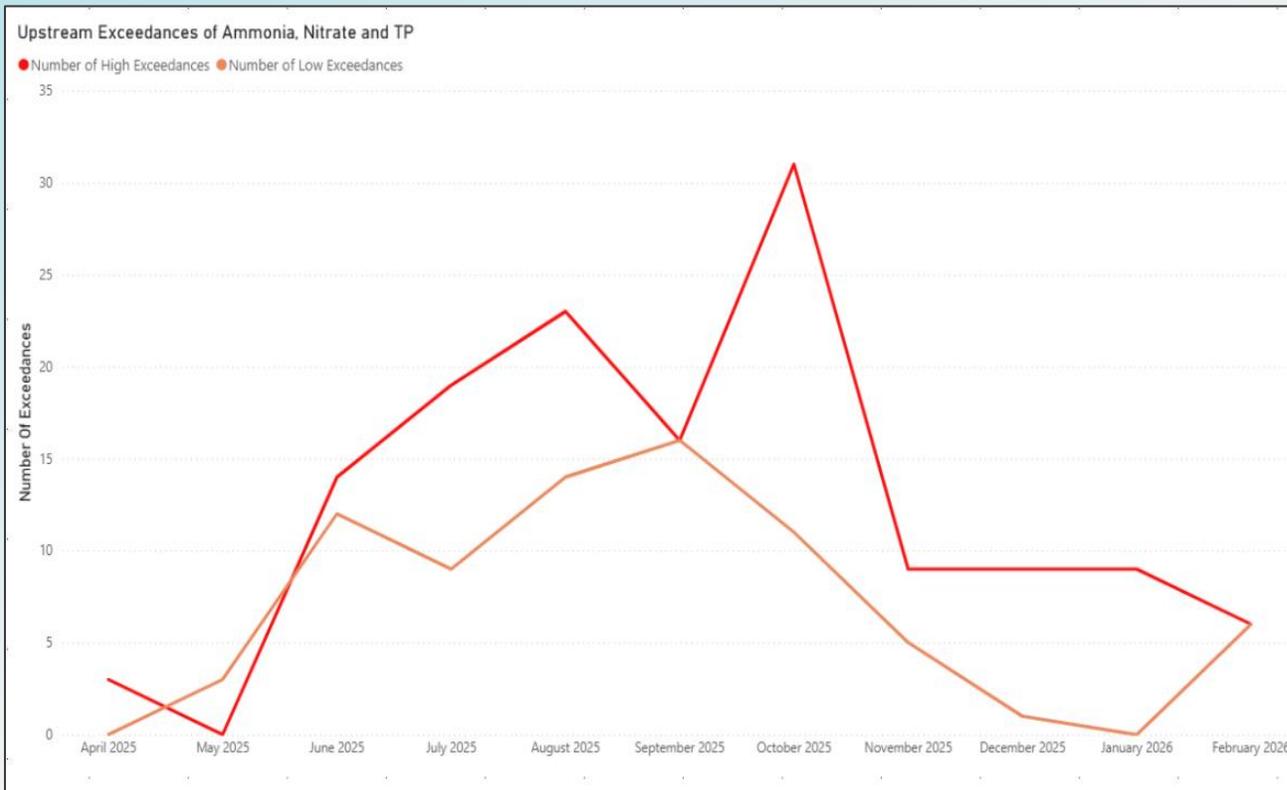
Flow data



Water Quality

The data plots are based on fortnightly samples from:

- Upstream - two locations
- Downstream – three locations



Future meeting discussions

Future meetings

Other future meeting discussions

- Noise and dust monitoring report walk through
- Continued construction staging updates – especially next 6 months detail after demolition

Questions

Conclusion

Next meeting

Thank you

