
**LAKE WYANGAN & CATCHMENT MANAGEMENT COMMITTEE
TO BE HELD IN THE COUNCIL CHAMBERS ON
THURSDAY, 19 MARCH 2026 AT 5:00 PM**

- 1 Apologies
- 2 Confirmation of Minutes
- 3 Business Arising
- 4 Declarations of Interest
- 5 Items of Business
- CL01 p7 Presentation by Dr Nicola Thomas, Charles Sturt University
- CL02 p8 Lake Wyangan South Fish Kill February 2026
- CL03 p31 Lake Wyangan North Murrumbidgee Irrigation Water Readings March 2026
- 6 p34 Outstanding Action Report
- 7 General Business
- 8 Next Meeting

DISTRIBUTION LIST

Doug Curran (Chair) (Mayor, Councillor), Councillor Tony O'Grady, Councillor Laurie Testoni, Mark Dal Bon (Councillor - Alternate), Scott Groat (Councillor - Alternate), Frank Battistel (Community Representative), Reginald Brown (Community Representative), Scott Collis (Community Representative), Saroja Nagaraj Gurazada (Community Representative), Ema Munro (Community Representative), Lisa Parker (Community Representative), Franco Pistillo (Member for Murray Representative), Jade Salvestro (Community Representative), John Tagliapietra (Community Representative), Joel Undy (Community Representative), Kelvin Williams (Community Representative), Matthew Woodward (Community Representative)

General Manager, Scott Grant; Director Sustainable Development, Joe Rizzo; Urban Strategic Design & Major Projects Manager, Peter Badenhorst, Environment and Public Health Coordinator, Vanessa Johns and Minute Secretary, Leanne Austin

Quorum = 3

If you are unable to attend this meeting please notify the Minute Secretary prior to commencement of the meeting by email or by telephoning Council on 1300 176 077.

This Committee meeting may be attended remotely and recorded by audio or audio-visual means for administrative purposes. No other recording is permitted.

Acknowledgement of Country

Griffith City Council acknowledges the Wiradjuri people as the traditional owners and custodians of the land and waters, and their deep knowledge embedded within the Aboriginal community.

Council further pays respect to the local Wiradjuri Elders, past, present and those emerging, for whom we acknowledge have responsibilities for the continuation of cultural, spiritual and educational practices of the local Wiradjuri people

**LAKE WYANGAN & CATCHMENT MANAGEMENT COMMITTEE
HELD IN THE COUNCIL CHAMBERS ON
THURSDAY, 5 FEBRUARY 2026 COMMENCING AT 5:00 PM**

PRESENT

Mayor, Councillor Doug Curran (Chair), Councillor Tony O'Grady, Councillor Laurie Testoni, Mark Dal Bon (Councillor - Alternate), Frank Battistel (Community Representative), Jade Salvestro (Community Representative), John Tagliapietra (Community Representative), Kelvin Williams (Community Representative), Lisa Parker (Community Representative), Reginald Brown (Community Representative), Scott Collis (Community Representative)

Quorum = 3

STAFF

General Manager, Scott Grant, Director Sustainable Development, Joe Rizzo, Urban Strategic Design & Major Projects Manager, Peter Badenhorst and Minute Taker, Leanne Austin

1 APOLOGIES

RECOMMENDED on the motion of Councillor Tony O'Grady and John Tagliapietra that apologies be received from Ema Munro (Community Representative), Matthew Woodward (Community Representative) and Lindsay Golsby-Smith (MI).

2 CONFIRMATION OF MINUTES

RECOMMENDED on the motion of Councillor Lou Testoni and Scott Collis that the minutes of the previous meeting held on 11 December 2025, having first been circulated amongst all members, be confirmed.

3 BUSINESS ARISING

3.1 Nanobubble Technology System

Councillor O'Grady noted that Lake Albert at Wagga Wagga is currently on red alert despite efforts to treat the blue-green algae issue, while Lake Wyangan remains on amber alert. Mr Tagliapietra advised that water temperatures are remaining around 28 °C due to the cooler start to summer, which has helped maintain lower temperatures and limit algae growth.

4 DECLARATIONS OF INTEREST

Pecuniary Interests

There were no pecuniary interests declared.

Significant Non-Pecuniary Interests

There were no significant non-pecuniary interests declared.

Less Than Significant Non-Pecuniary Interests

There were no less than significant non-pecuniary interests declared.

5 ITEMS OF BUSINESS

CL01 OPTIONS FOR SUSTAINABLE COMMUNITIES GRANT FUNDING

Mr Rizzo provided an overview of the NSW Sustainable Communities Program Economic Development and Infrastructure Round which closes 24 February 2026.

Criteria for the grant includes **infrastructure or land development projects** that support economic development, increase workforce participation, or open economic opportunities in regional communities. The project must be deliverable by 31 May 2029.

Consistent with current strategies to improve water quality at Lake Wyangan, it is proposed that Council apply for grant funding to deliver a staged program of works comprising:

Stage 1 – In-drain sediment and nutrient interception

Stage 2 – Carp exclusion and habitat restoration

Stage 3 – Solar circulation, monitoring and maintenance access.

These improvements will deliver significant community benefits, including enhanced public health and wellbeing, increased recreational and tourism opportunities and improved environmental outcomes.

Mayor Curran suggested that Council should include the preparation of a masterplan incorporating the surrounding wetlands in the grant application as a long-term solution to assist with salt and nutrient removal.

Mr Rizzo advised that Council is currently undertaking a flood study for the Lake Wyangan area, and that the outcomes and recommendations of this study will need to be considered in any future planning.

Mayor Curran further noted that potential future residential development should also be taken into account when developing a masterplan for the area.

Mrs Parker suggested that universities may have an interest in using Lake Wyangan as a study site and could assist by providing data to inform future planning.

Mr Rizzo advised that Council would investigate options for monitoring water quality such as the installation of an electronic monitoring system.

Mr Grant advised that Council is currently preparing the grant application and that a formal commitment from Council is required. The application will be drafted to align with the grant criteria, highlighting the community benefits, including improved health and wellbeing,

increased recreational opportunities for residents, as well as positive tourism and environmental outcomes.

Mr Collis queried whether the existing data loggers in the lake are operational. Mr Rizzo advised he would investigate this, noting that the loggers would most likely require recalibration.

Mrs Parker enquired whether grant funding could be used to provide potable water to the lake. Mr Rizzo stated that delivering potable water to the area presents challenges due to elevation constraints and cost considerations.

Mr Tagliapietra left the meeting at 5:42 pm.

RECOMMENDED on the motion of Councillor Tony O'Grady and Frank Battistel that the Lake Wyangan & Catchment Management Committee note the information in the report and propose the following infrastructure or enabling projects for submission under the NSW Sustainable Communities Program – Economic Development and Infrastructure Round:

- Stage 1 – in drain sediment and nutrient interception
- Stage 2 – carp exclusion and habitat restoration
- Stage 3 – solar circulation, monitoring and maintenance access.
- Stage 4 – preparation of a Masterplan including investigation of Tharbogang wetlands to improve water quality at the Lake.

6 OUTSTANDING ACTION REPORT

The Committee noted the Outstanding Action Report.

7 GENERAL BUSINESS

7.1 Technical Committee

Mrs Parker advised she had reviewed previously provided information and noted that Carp removal is a critical issue as it would enable increased vegetation growth within the Lake system and contribute to improved water quality.

7.2 Water Inflows

Councillor Dal Bon enquired if Council is provided with evidence from Murrumbidgee Irrigation as to the amount of water that is going into the Lake. Mr Rizzo advised he would take this on notice.

7.3 Boat Ramp

Mr Salvestro asked for an update on the progress of the current works at the Lake and sought clarification on when the boat ramp is expected to be constructed. Mr Badenhorst advised that the works underway form part of Stage 1 of the initial presentation, which has been divided into two sub-stages. He noted that the boat ramp is included in Stage 2, which is not currently funded. Mr Badenhorst will provide further information on this matter at the next meeting.

8 NEXT MEETING

The next meeting of the Lake Wyangan & Catchment Management Committee is to be held on Thursday, 19 March 2026 at 5:00pm.

There being no further business the meeting terminated at 5:58pm.

TITLE **Presentation by Dr Nicola Thomas, Charles Sturt University**

SUMMARY

Dr Nicola Thomas from Charles Sturt University would like to address the Lake Wyangan & Catchment Management Committee.

RECOMMENDATION

Standing Orders be suspended to allow the presentation from Dr Nicola Thomas, Charles Sturt University.

CLAUSE **CL02**

TITLE **Lake Wyangan South Fish Kill February 2026**

FROM **Joe Rizzo, Director Sustainable Development**

TRIM REF **26/29726**

SUMMARY

This report is provided to inform the Committee of the recent fish kill event that took place in February 2026 in Lake Wyangan South, summarise the circumstances and response actions, outline preliminary findings, and identify next steps and recommendations.

RECOMMENDATION

The report be noted.

REPORT

On Thursday 19 February 2026, Griffith City Council was notified of a fish kill in Lake Wyangan South. Council staff attended the site and immediately reported the incident to the NSW Environmental Protection Authority (EPA) and the Department of Primary Industries (DPI). Observations indicated the majority of affected fish were European Carp with minimal native species being identified.

Water samples were collected from Lake Wyangan South on 19 February 2026 by the EPA to for laboratory testing. To date no results have been received from the laboratory, however EPA have advised they will provide them to Council when available. The EPA also advised that they will provide their investigation/assessment findings of the to Council when available. This will be provided to the committee when available.

Water samples were collected from Lake Wyangan South on 20 February 2026 for testing using hand held devices by both Council staff and the EPA to test for Dissolved Oxygen (DO), temperature, and pH levels. However, confidence levels of field testing conducted was determine to be inconclusive due to both Council and EPA equipment providing significant discrepancies testing for the same parameters.

Water samples were collected from Lake Wyangan South on 23 February 2026 by Council staff to for laboratory testing at Sydney Water. This sampling was conducted as per our regular monthly sample regime for full microbiological, chemical and nutrient analysis. Results are included as Attachment a.

Lake Wyangan South has seen a significant drop in water level in the past 18 months due to minimum rainfall, refer to Attachment b for lake levels. Note no water allocation was added to Lake Wyangan South prior to the fish kill event.

Council staff arranged for the collection and removal of deceased fish from affected areas within Lake Wyangan South, including foreshore areas access points. Clean-up activities were managed in accordance with EPA advice and workplace health and safety requirements, with appropriate handling and disposal methods applied. Follow-up inspections were carried out during the clean-up period to monitor conditions.

Council continues to observe conditions while investigations into the cause of the event are ongoing.

ATTACHMENTS

- | | | |
|-----|--|----|
| (a) | Sydney Water Laboratory Test Results ↓  | 10 |
| (b) | Lake Wyangan levels ↓  | 29 |



PHYTOPLANKTON ANALYSIS REPORT

Page 1 of 3

Report no:	341282	Depth :	N/A
Supercedes Report No:		Chlorophyll a:	NA
		Microcystin equivalents:	NA
		Date analysed:	4/03/2026
Lims No:	L26017629	Date Sampled:	23/02/2026
		Analyst:	Luke Jin
Client ID: SOUTH COMBINED Site:		Address:	Po Box 485
Client:	Griffith City Council		
Method:	MA70CENT	Issued By : Sydney Water Laboratory Services Issued On : 06/03/2026	Disclaimer: Samples analysed as received.

TAXA

	Cells/ mL	Significance	ASU/ mL	Biovolu mm3/l
<u>Cyanophyta (Blue green)</u>				
<i>Anabaena</i>	476	Taste & Odour	69.97	0.05
<i>Anabaenopsis</i>	2872	Potentially toxic	220.85	0.36
<i>Cocoid Blue Green Picoplankton</i>	1507977	Filter clogging?	2,865.15	0.68
<i>GlaucoSpira sp.</i>	7258		111.77	0.02
<i>Limnospira</i>	408		16.32	0.01
<i>Merismopedia</i>	121939		2,768.01	2.24
<i>Microcystis</i>	2339222	Potentially toxic, taste & odour	62,691.14	61.01
<i>Microcystis species 2</i>	1166723	Potentially toxic, taste & odour	66,619.88	99.23
<i>Planktolyngbya</i>	23952	Filter clogging	198.80	0.05
<i>Pseudanabaena</i>	1937086		30,799.66	14.52
<i>Spirulina</i>	1359		20.38	0.00
Subtotal	7109272		166,381.93	178.21
<u>Bacillariophyta (Diatom)</u>				
<i>Cyclotella</i>	17	Filter clogging	2.95	0.00
<i>Navicula sp.2</i>	34		20.36	0.02
Subtotal	51		23.31	0.03
<u>Euglenophyta (Euglenoid)</u>				
<i>Euglena</i>	2177	Discolouration of water	3,848.93	5.03
Subtotal	2177		3,848.93	5.03
<u>Chlorophyta (Green)</u>				
<i>Ankistrodesmus</i>	1452		152.89	0.02
<i>Koliella</i>	63873	Filter clogging	958.09	0.10
<i>Lagerheimia sp.2</i>	726		163.13	0.24

SWC, 51 Hermitage Rd
(PO Box 73) West Ryde NSW 2114

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PHYTOPLANKTON ANALYSIS REPORT

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Report no:	341282	Depth :	N/A
Supercedes Report No:		Chlorophyll a:	NA
		Microcystin equivalents:	NA
		Date analysed:	4/03/2026
Lims No:	L26017629	Date Sampled:	23/02/2026
		Analyst:	Luke Jin
Client ID: SOUTH COMBINED Site:		Address:	Po Box 485
Client:	Griffith City Council		
Method:	MA70CENT	Issued By :	Sydney Water Laboratory Services Issued On : 06/03/2026
		Disclaimer:	Samples analysed as received.

TAXA

	Cells/ mL	Significance	ASU/ mL	Biovolu mm3/l
<i>Monoraphidium sp.</i>	3629		149.51	0.12
<i>Oocystis</i>	313013		46,513.73	85.72
Subtotal	382693		47,937.35	86.21

	Cells/ mL	ASU/ mL	Biovolume mm3/L
Total Blue Green	7109000	166380.00	178.200
* Potentially Toxic Blue Green	3509000	129530.00	160.600
* Potentially Toxic Algae	3509000	129530.00	160.600
Total Algae	7494000	218190.00	269.500

Comment:

Debris present in the sample.

*Taxa with potential to produce toxins.

ASU : One ASU (Area Standard Unit) equals 400µm² of algal cells (as cross sectional area)

Biovolume : Biovolume is calculated from cell linear dimensions. Guidelines based on Biovolume.

Coccolid Blue Green Picoplankton: *Aphanocapsa*; *Anathece*; *Cyanogranis*; *Cyanonephron*; *Cyanocatena*; *Cyanodictyon*

Phycology

Sydney Water Approved Signatory:

Kristine King, Analyst



Where a result is required to meet a compliance limit or specification the associated uncertainty must be considered.
Uncertainty estimates are available for all accredited test results.

Accreditation No.: 610 Biological testing

Accredited for compliance with ISO/IEC 17025



Corporate Accreditation No 63
Accredited for compliance with ISO/IEC 17025 - Testing



Analytical Report 341282

Issue Date: 06/03/2026
Issued By : Sydney Water Laboratory Services

Delivery Address: Sydney Water Corporation
 51 Hermitage Rd
 West Ryde NSW 2114
Telephone: (02) 9800 6935
Email: analyticalservices@sydneywater.com.au

Attention: [REDACTED]
Customer: Griffith City Council
Customer ID: [REDACTED]

Address: Po Box 485, Griffith NSW 2680
Telephone: [REDACTED]
Email: [REDACTED]

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1. Sydney Water Approved Signatory
2. Sample Summary
3. Analytical results
4. Comments
5. Laboratory QC results

Sydney Water Approved Signatory

Kristine King, Phycology Analyst	Ashini Chandrasoma, Clean & Waste Water Analyst	Gulrukh Faizan, Clean & Waste Water Snr Analyst
Linda Gao, Metals Analyst	Neela Iyengar, Metals Senior Analyst	Jouliet Ashak, Microbiology Analyst
Dhara Parmar, Nutrients Analyst	Lianying Zheng, Nutrients Senior Analyst	Abhilasha Bhandari, Organics Analyst

Where a result is required to meet a compliance limit or specification the associated uncertainty must be considered. Uncertainty estimates are available for all accredited test results.

SAMPLE SUMMARY

<u>Client Sample ID</u>	<u>Sample Number</u>	<u>Sampling Procedure</u>	<u>Date Sampled</u>	<u>Date Received</u>	<u>Date Authorised</u>	<u>Description</u>
SOUTH COMBINED	L26017629	1	23/02/2026	24/02/2026	06/03/2026	SOUTH LAKE WYANGAN (EW)

Sampling procedures

- 1 Samples analysed as received.
- 2 Samples collected as per FS procedures SAWI 070, Excluding Oil & Grease which is collected as per clients instructions.
- 3 Samples collected as per FS procedures SAWI 070.
- 4 Results reported as received from WNSW.

ANALYTICAL RESULTS

Client Sample ID		SOUTH COMBINED							
Sampled Date		23/02/2026 09 00 00 AM							
Sample Number		L26017629							
ALGAL									
MA70CENT : Total Algal ID & Enumeration, Including ASU & Biovolumes									
Total Algae	cells/mL	7494000							
Total Biovol	mm3/L	269.5							
Total ASU	ASU/mL	218190							
Total Blue Green	cells/mL	7109000							
Blue Green Biovol	mm3/L	178.2							
Blue Green ASU	ASU/mL	166380							
Potentially Toxic Blue Green	cells/mL	3509000							
Potentially Toxic Blue Green Biovol	mm3/L	160.6							
Potentially Toxic Blue Green ASU	ASU/mL	129530							
Potentially Toxic ASU	ASU/mL	129530							

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Client Sample ID		SOUTH COMBINED							
Sampled Date		23/02/2026 09:00:00 AM							
Sample Number		L26017629							
ALGAL									
MA70CENT : Total Algal ID & Enumeration, Including ASU & Biovolumes(Continued)									
Potentially Toxic Algae	cells/mL	3509000							
Potentially Toxic Biovol	mm3/L	160.6							
Total Colonies	cols/mL	0.00							
MA91 : Individual Species Total Count, Total BioVol, Total ASU									
Algae Source*	N/A	EXTERNAL							
Date of Performance	DD/MM/YY	04/03/26 00:00							
CHEMISTRY									
WC05 : Turbidity									
Turbidity	NTU	137							
Date of Performance	DD/MM/YY	25/02/26							
WC12 : Conductivity & Salinity									
Salinity	ppt	6.0							

* Indicates NATA accreditation does not cover the performance of this service

Client Sample ID	SOUTH COMBINED								
Sampled Date	23/02/2026 09:00:00 AM								
Sample Number	L26017629								
CHEMISTRY									
Date of Performance	DD/MM/YY	02/03/26							
WC12MET : Conductivity									
Conductivity (uS/cm)	uS/cm	10410							
Date of Performance	DD/MM/YY	24/02/26							
WC34MET : pH in Water									
pH	pH units	9.5							
Date of Performance	DD/MM/YY	24/02/26							
METALS									
TM70SAR : Metals by Inductively Coupled Plasma Atomic Emission Spectrometry									
SAR*	RATIO	29							
TM70TW : Metals by ICPAES.									
Total Calcium	mg/L	20.8							
Total Magnesium	mg/L	222							

* Indicates NATA accreditation does not cover the performance of this service

Client Sample ID		SOUTH COMBINED							
Sampled Date		23/02/2026 09:00:00 AM							
Sample Number		L26017629							
METALS									
TM70TW : Metals by ICPAES.(Continued)									
Total Sodium	mg/L	2070							
Date of Performance	DD/MM/YY	25/02/26							
TMWATERDT : Single digestion for Metals									
Total Digestion	DONE	Done							
Date of Performance	DD/MM/YY	25/02/26							
MICRO									
MI28 : Total Coliforms and/or E.coli by Enzyme Substrate Method									
E.coli	Orgs / 100mL	20							
Date of Performance	D/M/Y H:M	24/02/26 14:52							
NUTRIENTS									
NU102 : Total Nitrogen & Total Phosphorus									
Total Nitrogen	mg/L	21.6							

* Indicates NATA accreditation does not cover the performance of this service

Client Sample ID		SOUTH COMBINED							
Sampled Date		23/02/2026 09:00:00 AM							
Sample Number		L26017629							
NUTRIENTS									
NU102 : Total Nitrogen & Total Phosphorus(Continued)									
Total Phosphorus	mg/L	1.01							
Date of Performance	DD/MM/YY	25/02/26							
NU40 : Ammonia - Nitrogen									
Ammonia NH3 -N Low Level	mg/L	0.65							
Date of Performance	DD/MM/YY	25/02/26							
NU43 : Oxidised - Nitrogen									
Oxidised Nitrogen NOx-N Low Level	mg/L	0.01							
Date of Performance	DD/MM/YY	25/02/26							
NU46 : Nitrite - Nitrogen									
Nitrite Nitrogen NO2-N	mg/L	0.004							
Date of Performance	DD/MM/YY	25/02/26							
NU51 : Nitrate - Nitrogen									

* Indicates NATA accreditation does not cover the performance of this service

Client Sample ID	SOUTH COMBINED								
Sampled Date	23/02/2026 09:00:00 AM								
Sample Number	L26017629								
NUTRIENTS									
NU51 : Nitrate - Nitrogen(Continued)									
Nitrate Nitrogen NO3-N	mg/L	<0.01							
NU52 : Silica as SiO2									
Reactive Silica (SiO2)	mg/L	5.8							
Date of Performance	DD/MM/YY	02/03/26							
ORGANICS									
TC005WLL : Phenols									
Phenol	ug/L	13							
2-methylphenol	ug/L	<10							
3-methylphenol	ug/L	<10							
4-methylphenol	ug/L	<10							
2-chlorophenol	ug/L	<10							
2,4-dimethylphenol	ug/L	<10							

* Indicates NATA accreditation does not cover the performance of this service

Client Sample ID	SOUTH COMBINED								
Sampled Date	23/02/2026 09:00:00 AM								
Sample Number	L26017629								
ORGANICS									
TC005WLL : Phenols(Continued)									
2,6-dichlorophenol	ug/L	<10							
4-chloro-3-methylphenol	ug/L	<10							
2,4-dichlorophenol	ug/L	<10							
2,4,6-trichlorophenol	ug/L	<10							
2,4,5-trichlorophenol	ug/L	<10							
2,3,4,6-tetrachlorophenol	ug/L	<10							
Pentachlorophenol	ug/L	<10							
Phenol Surrogate*	% Recovery	85.595							
Date of Performance	DD/MM/YY	03/03/26							

COMMENTS

<u>Sample ID</u>	<u>Comment Level</u>	<u>Method</u>	<u>Test</u>	<u>Comment</u>
L26017629	Method	MA91	-	Debris present in the sample.
L26017629	Method	MI28	-	Sample processed outside of holding time, result may be affected.

* Indicates NATA accreditation does not cover the performance of this service

L26017629	Method	WC05	-	green sample dup 137 NTU
L26017629	Method	WC34MET	-	Sample analysed outside recommended holding time of 0 Hrs
	<u>Analysis</u>	<u>Analysis Requirements</u>		
	WC12	Conductivity measured @ 25 degrees Celsius		

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LABORATORY QC RESULTS

N/A - Not Applicable
PQL - Practical Quantitation Limit
LOQ - Limit of Quantification
RPD - Relative Percent Difference
SPIKE/Positive Control - Addition of a known amount and concentration
Duplicate Precision = Accepted - Result 2 within 95% confidence limits of result 1
Duplicate Precision = Outlier - Result 2 outside 95% confidence limits of result 1
Duplicate Precision = Not calculated - Result is outside test range

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LOQ	Blank	Positive Control <i>Acceptance Criteria</i>	Negative Control <i>Acceptance Criteria</i>	Duplicate1	Duplicate2	Precision <i>Acceptance Criteria</i>
MI28 [Enzyme Substrate Techniques]E.coli						
<1 Orgs / 100mL	<1	Accepted	Accepted			T

LOQ	Blank	Control <i>Acceptance Criteria</i>	Spike <i>Acceptance Criteria</i>	Duplicate1	Duplicate2	RPD <i>Acceptance Criteria</i>
NU102 Total Nitrogen						
<0.05 mg/L	<0.05	1.00 <i>0.88 - 1.12 mg/L</i>	102 <i>80.0 - 120.0 % Recovery</i>	0.33	0.34	B <i>0.0 - 0.0 %</i>
NU102 Total Phosphorus						
<0.002 mg/L	<0.002	0.050 <i>0.045 - 0.055 mg/L</i>	98 <i>80.0 - 120.0 % Recovery</i>	0.015	0.016	B <i>0.0 - 0.0 %</i>
NU40 Ammonia NH3 -N Low Level						
<0.01 mg/L	<0.01	0.20 <i>0.18 - 0.22 mg/L</i>	100 <i>80.0 - 120.0 % Recovery</i>	0.33	0.33	0.00 % <i>0.0 - 20.0 %</i>
NU43 Oxidised Nitrogen NOx-N Low Level						
<0.01 mg/L	<0.01	0.28 <i>0.27 - 0.33 mg/L</i>	100 <i>80.0 - 120.0 % Recovery</i>	0.21	0.21	0.00 % <i>0.0 - 20.0 %</i>

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LOQ	Blank	Control <i>Acceptance Criteria</i>	Spike <i>Acceptance Criteria</i>	Duplicate1	Duplicate2	RPD <i>Acceptance Criteria</i>
NU46 Nitrite Nitrogen NO₂-N						
<0.001 mg/L	<0.001	0.298 <i>0.27 - 0.33 mg/L</i>	104 <i>80.0 - 120.0 % Recovery</i>	0.003	0.003	B <i>0.0 - 0.0 %</i>
NU52 Reactive Silica (SiO₂)						
<0.1 mg/L	<0.1	5.1 <i>4.3 - 5.7 mg/L</i>	95 <i>80.0 - 120.0 % Recovery</i>	1.4	1.4	0.00 % <i>0.0 - 50.0 %</i>
TC005WLL 2,3,4,6-tetrachlorophenol						
<10 ug/L	<10	103 <i>70.0 - 130.0 % Recovery</i>	100 <i>50.0 - 130.0 % Recovery</i>	<10	<10	B <i>0.0 - 0.0 %</i>
TC005WLL 2,4,5-trichlorophenol						
<10 ug/L	<10	110 <i>70.0 - 130.0 % Recovery</i>	107 <i>50.0 - 130.0 % Recovery</i>	<10	<10	B <i>0.0 - 0.0 %</i>
TC005WLL 2,4,6-trichlorophenol						
<10 ug/L	<10	105 <i>70.0 - 130.0 % Recovery</i>	96 <i>50.0 - 130.0 % Recovery</i>	<10	<10	B <i>0.0 - 0.0 %</i>
TC005WLL 2,4-dichlorophenol						
<10 ug/L	<10	107 <i>70.0 - 130.0 % Recovery</i>	92 <i>50.0 - 130.0 % Recovery</i>	<10	<10	B <i>0.0 - 0.0 %</i>
TC005WLL 2,4-dimethylphenol						
<10 ug/L	<10	108 <i>70.0 - 130.0 % Recovery</i>	86 <i>50.0 - 130.0 % Recovery</i>	<10	<10	B <i>0.0 - 0.0 %</i>

* Indicates NATA accreditation does not cover the performance of this service

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LOQ	Blank	Control <i>Acceptance Criteria</i>	Spike <i>Acceptance Criteria</i>	Duplicate1	Duplicate2	RPD <i>Acceptance Criteria</i>
TC005WLL 2,6-dichlorophenol						
<10 ug/L	<10	105 <i>70.0 - 130.0 % Recovery</i>	87 <i>50.0 - 130.0 % Recovery</i>	<10	<10	B <i>0.0 - 0.0 %</i>
TC005WLL 2-chlorophenol						
<10 ug/L	<10	110 <i>70.0 - 130.0 % Recovery</i>	87 <i>50.0 - 130.0 % Recovery</i>	<10	<10	B <i>0.0 - 0.0 %</i>
TC005WLL 2-methylphenol						
<10 ug/L	<10	104 <i>70.0 - 130.0 % Recovery</i>	74 <i>50.0 - 130.0 % Recovery</i>	<10	<10	B <i>0.0 - 0.0 %</i>
TC005WLL 3-methylphenol						
<10 ug/L	<10	110 <i>70.0 - 130.0 % Recovery</i>	85 <i>50.0 - 130.0 % Recovery</i>	<10	<10	B <i>0.0 - 0.0 %</i>
TC005WLL 4-chloro-3-methylphenol						
<10 ug/L	<10	108 <i>70.0 - 130.0 % Recovery</i>	91 <i>50.0 - 130.0 % Recovery</i>	<10	<10	B <i>0.0 - 0.0 %</i>
TC005WLL 4-methylphenol						
<10 ug/L	<10	108 <i>70.0 - 130.0 % Recovery</i>	86 <i>50.0 - 130.0 % Recovery</i>	<10	<10	B <i>0.0 - 0.0 %</i>
TC005WLL Pentachlorophenol						
<10 ug/L	<10	102 <i>70.0 - 130.0 % Recovery</i>	116 <i>50.0 - 130.0 % Recovery</i>	<10	<10	B <i>0.0 - 0.0 %</i>

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LOQ	Blank	Control <i>Acceptance Criteria</i>	Spike <i>Acceptance Criteria</i>	Duplicate1	Duplicate2	RPD <i>Acceptance Criteria</i>
TC005WLL Phenol						
<10 ug/L	<10	105 <i>70.0 - 130.0 % Recovery</i>	75 <i>50.0 - 130.0 % Recovery</i>	13	12	B <i>0.0 - 0.0 %</i>
TM70TW Total Calcium						
<0.01 mg/L	<0.01	56.0 <i>40.0 - 60.0 mg/L</i>	108 <i>80.0 - 120.0 % Recovery</i>	18.7	18.9	1.06 % <i>0.0 - 20.0 %</i>
TM70TW Total Magnesium						
<0.02 mg/L	<0.02	49.1 <i>40.0 - 60.0 mg/L</i>	96 <i>80.0 - 120.0 % Recovery</i>	5.70	5.76	1.05 % <i>0.0 - 20.0 %</i>
TM70TW Total Sodium						
<0.05 mg/L	<0.05	56.2 <i>40.0 - 60.0 mg/L</i>	108 <i>80.0 - 120.0 % Recovery</i>	26.2	26.0	0.77 % <i>0.0 - 20.0 %</i>
WC05 Turbidity						
<0.05 NTU	F	14.2 <i>14.12 - 14.62 NTU</i>	E	0.12	0.12	B <i>0.0 - 0.0 %</i>
WC12MET Conductivity (uS/cm)						
<1 uS/cm	F	1407 <i>1393.0 - 1433.0 uS/cm</i>	E	10410	10400	0.96e-1 % <i>0.0 - 20.0 %</i>
WC12 Salinity						
<0.1 ppt	F	0.7 <i>0.6 - 0.8 ppt</i>	E	1.6	1.7	6.06 % <i>0.0 - 50.0 %</i>

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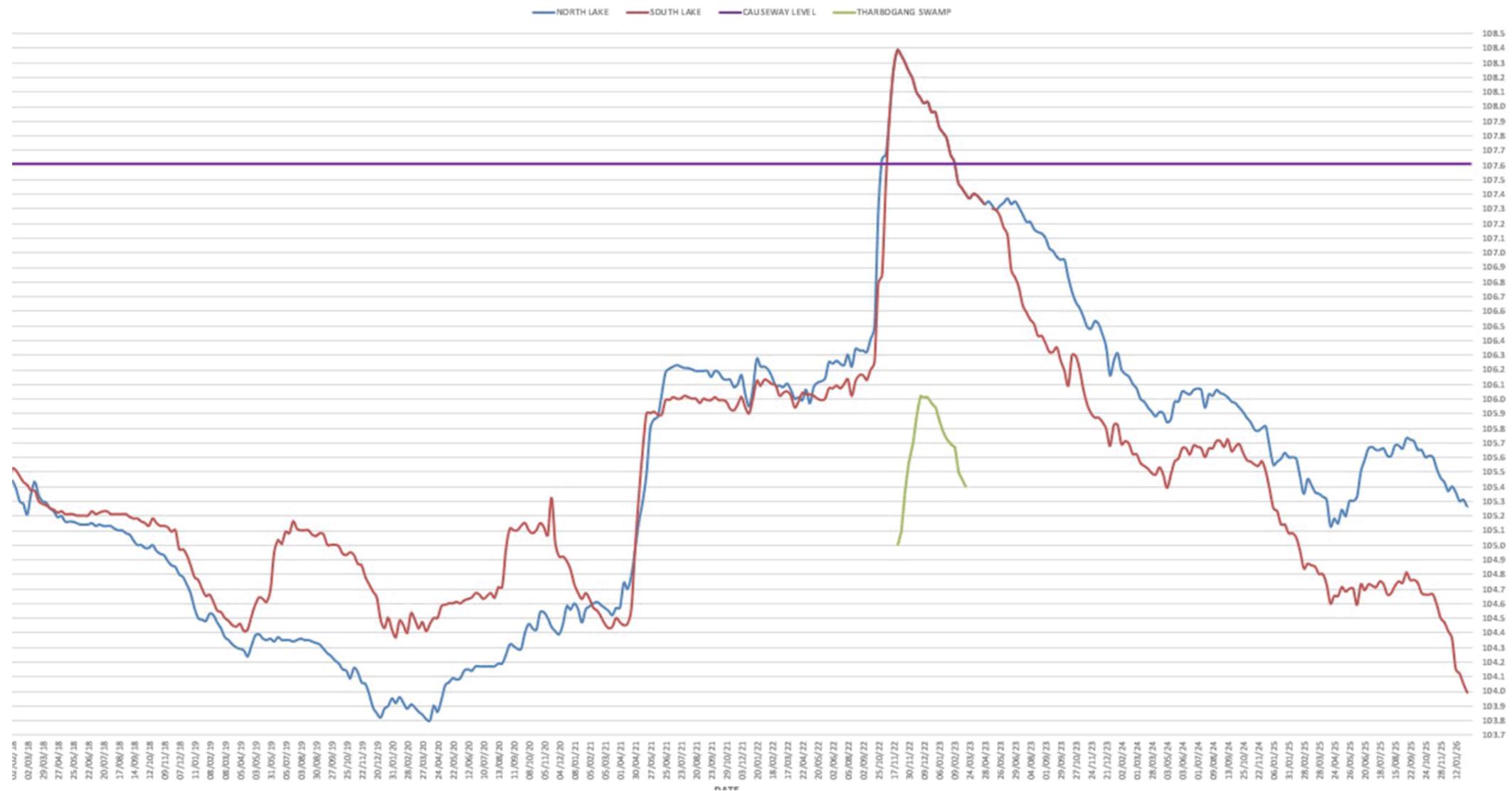
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LOQ	Blank	Control <i>Acceptance Criteria</i>	Spike <i>Acceptance Criteria</i>	Duplicate1	Duplicate2	RPD <i>Acceptance Criteria</i>
WC34MET pH						
	F	6.9 <i>6.8 - 6.9 pH units</i>	E	9.5	9.5	0.0 pH units <i>0.0 - 0.1 pH units</i>

Extra Note:

- B: Duplicate RPD reject criteria is not applicable, results are <10 times LOQ
- E: Spike is not applicable for this analyte
- F: Blank is not applicable for this analyte

* Indicates NATA accreditation does not cover the performance of this service



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CLAUSE	CL03
TITLE	Lake Wyangan North Murrumbidgee Irrigation Water Readings March 2026
FROM	Joe Rizzo, Director Sustainable Development
TRIM REF	26/29729

SUMMARY

This report is provided to inform the Committee of the data received from Murrumbidgee Irrigation for water delivery into Lake Wyangan North.

RECOMMENDATION

The report be noted.

REPORT

At the Lake Wyangan Catchment Committee meeting held 5 February 2026 the Director Sustainable Development took a question on Notice from Cr Dal Bon as per the below extract from the meeting minutes:

7.2 Water Inflows

Councillor Dal Bon enquired if Council is provided with evidence from Murrumbidgee Irrigation as to the amount of water that is going to into the Lake. Mr Rizzo advised he would take this on notice.

Water readings received from Murrumbidgee Irrigation dated 3 March 2026 are included in Attachment a.

ATTACHMENTS

- (a) Murrumbidgee Irrigation Water Readings 3 March 2026   32

Date: 03 Mar 2026 08:22

Murrumbidgee Irrigation
Water Availability & Usage Summary for SWAA 2111101

ORDER DETAILS

Note

METER READINGS

Outlet	Type	Max Flow	Reading	Date	Usage	Running Total
LAKE WYANGAN	MAG	25.0	1643.9	06:00 01.07.2025	0.0	0.0
			1647.4	06:00 04.07.2025	3.5	3.5
			1648.5	06:00 05.07.2025	1.1	4.6
			1648.9	06:00 06.07.2025	0.4	5.0
			1649.0	06:00 07.07.2025	0.1	5.1
			1649.1	06:00 10.07.2025	0.1	5.2
			1649.2	06:00 14.07.2025	0.1	5.3
			1649.5	06:00 15.07.2025	0.3	5.6
			1649.5	06:00 01.08.2025	0.0	5.6
			1649.5	08:00 03.08.2025	0.0	5.6
			1649.5	06:35 01.09.2025	0.0	5.6
			1649.5	06:00 01.10.2025	0.0	5.6
			1649.5	06:00 31.10.2025	0.0	5.6
			1649.5	06:00 01.11.2025	0.0	5.6
			1649.6	06:00 30.11.2025	0.1	5.7
			1649.7	06:00 01.12.2025	0.1	5.8
			1649.7	08:07 01.12.2025	0.0	5.8
			1649.8	06:00 02.12.2025	0.1	5.9
			1650.0	06:00 03.12.2025	0.2	6.1
			1650.1	06:00 07.12.2025	0.1	6.2
			1650.3	06:00 08.12.2025	0.2	6.4
			1650.6	06:00 09.12.2025	0.3	6.7
			1668.1	06:00 18.12.2025	17.5	24.2
			1693.2	06:00 19.12.2025	25.1	49.3
			1716.1	06:00 20.12.2025	22.9	72.2
			1736.2	06:00 21.12.2025	20.1	92.3
			1756.5	06:00 22.12.2025	20.3	112.6
			1776.9	06:00 23.12.2025	20.4	133.0
			1797.2	06:00 24.12.2025	20.3	153.3
			1817.5	06:00 25.12.2025	20.3	173.6
			1837.5	06:00 26.12.2025	20.0	193.6
			1857.7	06:00 27.12.2025	20.2	213.8
			1877.9	06:00 28.12.2025	20.2	234.0
			1898.0	06:00 29.12.2025	20.1	254.1
			1918.0	06:00 30.12.2025	20.0	274.1

July Fill
5.6 ML Fill

Aug 0
Sept 0
Oct 0

0.3 ML fill
Nov Fill

Date: 03 Mar 2026 08:22

-6

Murrumbidgee Irrigation
Water Availability & Usage Summary for SWAA 2111101

Outlet	Type	Max Flow	Reading	Date	Usage	Running Total
			1937.3	06:00 31.12.2025	19.3	293.4
			1956.2	06:00 01.01.2026	18.9	312.3
			1959.4	10:12 01.01.2026	3.2	315.5
			1974.3	06:00 02.01.2026	14.9	330.4
			1992.9	06:00 03.01.2026	18.6	349.0
			2010.0	06:00 04.01.2026	17.1	366.1
			2025.4	06:00 05.01.2026	15.4	381.5
			2040.7	06:00 06.01.2026	15.3	396.8
			2056.0	06:00 07.01.2026	15.3	412.1
			2071.1	06:00 08.01.2026	15.1	427.2
			2072.3	06:00 09.01.2026	1.2	428.4
			2095.7	06:00 16.01.2026	23.4	451.8
			2101.7	06:00 17.01.2026	6.0	457.8
			2122.7	06:00 20.01.2026	21.0	478.8
			2143.6	06:00 21.01.2026	20.9	499.7
			2163.6	06:00 22.01.2026	20.0	519.7
			2183.0	06:00 23.01.2026	19.4	539.1
			2188.8	06:00 24.01.2026	5.8	544.9
			2188.8	06:00 02.02.2026	0.0	544.9
			2204.5	06:00 06.02.2026	15.7	560.6
			2236.4	06:00 07.02.2026	31.9	592.5
			2274.3	06:00 08.02.2026	37.9	630.4
			2312.4	06:00 09.02.2026	38.1	668.5
			2350.0	06:00 10.02.2026	37.6	706.1
			2387.5	06:00 11.02.2026	37.5	743.6
			2424.6	06:00 12.02.2026	37.1	780.7
			2461.4	06:00 13.02.2026	36.8	817.5
			2498.2	06:00 14.02.2026	36.8	854.3
			2534.7	06:00 15.02.2026	36.5	890.8
			2571.0	06:00 16.02.2026	36.3	927.1
			2607.1	06:00 17.02.2026	36.1	963.2
			2642.8	06:00 18.02.2026	35.7	998.9
			2652.2	06:00 19.02.2026	9.4	1008.3
			2682.8	06:00 28.02.2026	0.0	1008.3
			2719.0	06:00 01.03.2026	0.0	1008.3
			2755.0	06:00 02.03.2026	0.0	1008.3
			2790.7	06:00 03.03.2026	35.7	1044.0

Dec 2025
375.60 ML

Jan 2026
163.40 ML

499.10 x 1.000 ML
= 499,100 KL

544,900 + Previous Balance
499,100
1044,000 Total

Add consumptions to North Laska
NO USAGE TO BE RECORDED P. Pradine
NO USAGE TO BE RECORDED (Jones Rd)
NO USAGE TO BE RECORDED Laska R.II

Actual Consumption to date is 1044.0

TITLE Outstanding Action Report

TRIM REF 25/148470

RECOMMENDATION

The report be noted.

ATTACHMENTS

- (a) Action Report - Lake Wyangan & Catchment Management Committee - 19 Mar 2026   35

Lake Wyangan & Catchment Management Committee Action Report				
Date of Meeting	Agenda Item	Action	Action Officer	Comment
5 February 2026	General Business Boat Ramp	Mr Salvestro asked for an update on the progress of the current works at the Lake and sought clarification on when the boat ramp is expected to be constructed. Mr Badenhorst advised that the works underway form part of Stage 1 of the initial presentation, which has been divided into two sub-stages. He noted that the boat ramp is included in Stage 2, which is not currently funded. Mr Badenhorst will provide further information on this matter at the next meeting.	Urban Design & Major Projects	Mr Badenhorst to provide verbal update at the next Committee meeting.
5 February 2026	General Business Water Inflows	Councillor Dal Bon enquired if Council is provided with evidence from Murrumbidgee Irrigation as to the amount of water that is going into the Lake. Mr Rizzo advised he would take this on notice.	Director Sustainable Development	12/3/26 - Information to be presented at 19/3/26 Committee meeting.
5 February 2026	CL01 Options for Sustainable Communities Grant Funding	RECOMMENDED on the motion of Councillor Tony O'Grady and Frank Battistel that the Lake Wyangan & Catchment Management Committee note the information in the report and propose the following infrastructure or enabling projects for submission under the NSW Sustainable Communities Program – Economic Development and Infrastructure Round: <ul style="list-style-type: none"> • Stage 1 – in drain sediment and nutrient interception • Stage 2 – carp exclusion and habitat restoration 	Director Sustainable Development	12/3/26 - Grant application submitted 11 Dec 2026.

		<ul style="list-style-type: none"> • Stage 3 – solar circulation, monitoring and maintenance access. • Stage 4 – preparation of a Masterplan including investigation of Tharbogang wetlands to improve water quality at the Lake. 		
11 December 2025	General Business Water Level of Lake Wyangan	Mr John Tagliapietra raised concerns regarding the water levels of Lake Wyangan in the lead up to Summer. Councillor Curran will liaise with the Directors to arrange an allocation of water to Lake Wyangan.	Chair/Mayor	12/3/26 - 1,000 ML of water out of Council's allocation delivered into Lake Wyangan North commencing 17/12/26 at 25ML/d and completed delivery in Feb 2026.
17 July 2025	CL02 Items/Actions submitted for Agenda by Committee	Can MI share historic water quality data for the South Lake including EC and pH levels? The Committee would like to assess the viability of dropping the EC through increased water turnover. Ms Golsby-Smith advised MI is willing to share data however Council should request this formally by letter.	Director Sustainable Development	26/11/25: MI has provided this information to Council via email 18/9/25. This data will be reported to the committee at a future meeting in 2026.
17 July 2025	CC01 Draft Expressions of Interest – Engineering Design Concept of Sediment and Nutrient Discharge Treatment into North Lake Wyangan	RECOMMENDED on the motion of Matt Woodward and John Tagliapietra that the draft Expressions of Interest – Engineering Design Concept of Sediment and Nutrient Discharge Treatment into North Lake Wyangan document be approved and Council formerly call for Expressions of Interest for the project.	Director Sustainable Development	26/11/25: EOI results to be reported in early 2026 as review of documentation being completed.
17 July 2025	General Business 7.2 Costing for Larger Pump	Mr Salvestro enquired if Council would investigate the cost of a larger pump? Councillor Curran advised this could be done on the back of the Flood Study.	Director Sustainable Development	26/11/25: On hold as awaiting results of Lake Wyangan Flood Study recommendations.

19 June 2025	CL01 Presentation Optimal Stormwater	<p>RECOMMENDED on the motion of John Tagliapietra and Ema Munro that a Committee meeting be held in one month to consider a draft scope prepared by Council staff for the purpose of obtaining a quote for a sediment and nutrient discharge treatment at the North Lake.</p> <p>Mr Stonestreet requested the Committee also be provided with the likely cost of sediment removal once a system has been installed.</p> <p>Councillor Testoni requested that the Committee be informed who owns the land in the proposed location and whether or not it is subject to a Land Claim.</p>	Director Sustainable Development	26/11/25: EOI results to be reported in early 2026 as review of documentation being completed. Lake Wyangan Strategies report and Land Claims report to be presented at committee meeting 11/12/25 will discuss land ownership.
24 April 2025	General Business Solar Pumps	The Committee requested that Council investigate the feasibility of using solar-powered water pumps with a capacity of 20 megalitres per day.	Director Sustainable Development	<p>5/05/2025: Director Sustainable Development to obtain quotes.</p> <p>25/11/2025: On hold as solar pump use part of Lake Wyangan Strategy report recommendations being reported to Committee 11/12/25.</p>
16 November 2023	CL01 Lake Wyangan Project Officer Position	<p>RECOMMENDED on the motion of Carmel LaRocca and Thomas Mackerras that:</p> <p>(a) The position of Lake Wyangan Project Officer be removed from Council's Organisation Structure.</p> <p>(b) A further report be prepared for the Committee by January 2026 in regard to the position of Lake Wyangan Project Officer.</p>	GM	15/02/2024: Further report to the Committee in January 2026.