
**LAKE WYANGAN & CATCHMENT MANAGEMENT COMMITTEE
TO BE HELD IN THE COUNCIL CHAMBERS ON
THURSDAY, 24 APRIL 2025 AT 5:00 PM**

- 1 Apologies
- 2 Confirmation of Minutes
- 3 Business Arising
- 4 Declarations of Interest
- 5 Items of Business
- CL01 p6 Large Lot Residential Development Control Plan - Boorga Road R5
- CL02 p7 Diatomix Lake Wyangan South Trial Result to Date
- CL03 p10 Lake Wyangan Agenda Item for Salt and Algae Issued - Proposed by Committee Members
- CL04 p18 Questions Submitted for Agenda by Committee
- 6 p20 Outstanding Action Report
- 7 General Business
- 8 Next Meeting

DISTRIBUTION LIST

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

General Manager, Brett Stonestreet; Director Sustainable Development, Joe Rizzo; Urban Strategic Design & Major Projects Manager, Peter Badenhorst and Minute Secretary, Joanne Bollen

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 COUNCIL CHAMBERS ON
WEDNESDAY, 19 MARCH 2025 COMMENCING AT 5:00 PM**

PRESENT

Councillor Doug Curran (Chair), Councillor Tony O'Grady, Councillor Laurie Testoni, Mark Dal Bon (Councillor - Alternate), Ema Munro (Community Representative), Frank Battistel (Community Representative), Jade Salvestro (Community Representative), John Tagliapietra (Community Representative), Kelvin Williams (Community Representative), Lisa Parker (Community Representative), Matthew Woodward (ZOOM) (Community Representative), Saroja Nagaraj Gurazada (Community Representative), Scott Collis (Community Representative)

Quorum = 3

STAFF

General Manager, Brett Stonestreet, Director Sustainable Development, Joe Rizzo and Urban Strategic Design & Major Projects Manager, Peter Badenhorst, Environment & Public Health Coordinator, Vanessa Johns, Minute Secretary, Joanne Bollen

1 APOLOGIES

RECOMMENDED on the motion of Councillor Tony O'Grady and Councillor Laurie Testoni that apologies be received from Reginald Brown (Community Representative) and Joel Undy (Community Representative).

2 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 significant non-pecuniary interests declared.

3 ITEMS OF BUSINESS

CL01 INDUCTION OF COMMITTEE MEMBERS - MANDATORY

An overview of the Committee induction process which Committee members may access on the Council website was provided. Committee members are required to read the Code of Conduct policy and procedures, Code of Meeting Practice policy, Statements to the Media

Policy, Social Media Policy, Information Protection Principles and Child Safe policy. Committee members are also required to complete the online policy acknowledgment form.

A more in-depth explanation in relation to the requirement to declare any Conflicts of Interest will be covered in the next Committee meeting.

CL02 TERMS OF REFERENCE

RECOMMENDED on the motion of Councillor Tony O'Grady and Jade Salvestro that the Committee adopt the Terms of Reference attached to the report, with the following changes made due to the foreshadowing of a Committee member's resignation:

- 10 Community Representatives;
- Number of voting members will be 14.

CL03 PROPOSED MEETING DATES 2025

RECOMMENDED on the motion of Frank Battistel and Councillor Tony O'Grady that the Committee note the proposed meeting dates for 2025.

CL04 LAKE WYANGAN PROGRESS/UPDATE REPORT

Director Sustainable Development, Joe Rizzo, provided a background and current status report of the Lake Wyangan Project from November 2023 to current.

The update covered:

- Weekly onshore sampling for testing of both Lake Wyangan North and South.
- Works for Lake Wyangan foreshore improvements for recreational areas as per approved grant funding.
- The trial treatment of Lake Wyangan South with Diatomix.

A report outlining the results of testing 12 months prior to the trial commencing, and results during the trial until present, will be presented to the next Committee meeting.

CL05 LAKE WYANGAN DATA ANALYSIS REPORT, JANUARY 2022 - PREPARED BY DR. PHILIP ORR, AUSTRALIAN RIVERS INSTITUTE, GRIFFITH UNIVERSITY, BRISBANE

Dr Philip Orr and Professor David Hamilton presented the Committee with a Lake Wyangan Data Analysis Report (Confidential Attachment a).

RECOMMENDED on the motion of Councillor Tony O'Grady and John Tagliapietra that:

- (a) The Committee note the Lake Wyangan Data Analysis Report - Dr. Philip Orr - Griffith University and express appreciation to him for undertaking this project.
- (b) The Committee identify which recommendations included in the report it wishes to progress and Council explore opportunities for government grant funding to enable their implementation.

SMT Comment: Should Council resolve to endorse the recommendations (a) and (b) above, this item will be referred back to the Committee to be more specific in terms of which recommendation from Dr Orr's report will be progressed to implementation.

Councillor Laurie Testoni left the meeting, the time being 6:08pm.

Councillor Doug Curran and Urban Strategic Design & Major Projects Manager, Peter Badenhorst, left the meeting, the time being 6:14pm and returned to the meeting, the time being 6:15pm.

Councillor Doug Curran left the meeting, the time being 6:18pm.

Councillor Tony O'Grady assumed the role of Chair.

CL06 PROPOSAL FROM WOODLOTS AND WETLANDS - LAKE WYANGAN WATER QUALITY MANAGEMENT

Dr Peter Bacon presented the Committee with a project proposal focused on improving the water quality at Lake Wyangan (Confidential Attachment b).

RECOMMENDED on the motion of Frank Battistel and Kelvin Williams that:

- (a) The Committee note the report.
- (b) The Committee identify which recommendations it wishes to progress and Council explore opportunities for government grant funding to enable their implementation.

SMT Comment: Should Council resolve to endorse the recommendations (a) and (b) above this item will be referred back to the Committee to be more specific in terms of which recommendation from Dr Bacon's report will be progressed to implementation.

CL07 LAKE WYANGAN STRATEGIC PLAN - REPORT FROM TOM MACKERRAS

A report prepared by Mr Tom Mackerras was presented to the Lake Wyangan & Catchment Management Committee on 15 August 2024.

The new Committee considered the report.

RECOMMENDED on the motion of Frank Battistel and Kelvin Williams that the information be received.

CL08 NOTICE OF MOTION - NEXT STEPS

At the Council Meeting held on 28 May 2024, a Notice of Motion received from Mayor Doug Curran and Councillor Jenny Ellis.

It was RESOLVED on the motion of Councillors Jenny Ellis and Glen Andreazza that:

- (a) Council commit to exploring the feasibility of including animal or bird enclosures in future master planning of the Lake Wyangan Parklands.*
- (b) Council look for grant opportunities for the development of such enclosures as well as future budget allocations.*
- (c) Council explore partnerships with community organisations or businesses (including but not limited to Altina Wildlife Park) for this future endeavour.*
- (d) Future master planning for the park area includes plantings and areas that might attract local wildlife.*
- (e) Council explore the feasibility of using existing deer enclosure fencing for an off-leash dog park.*

The Notice of Motion was endorsed by the previous Lake Wyangan & Catchment Management on 15 August 2024 and is now in the hands of the new Committee.

RECOMMENDED on the motion of Frank Battistel and Lisa Parker that the Committee note the report and progress investigation of Council's resolutions and make recommendations to Council in that regard.

4 OUTSTANDING ACTION REPORT

The Outstanding Action Report was noted.

5 GENERAL BUSINESS

5.1 Presentation Lake Wyangan Foreshore Improvements

Urban Strategic Design & Major Projects Manager, Peter Badenhorst presented an update to the Committee on the ongoing improvements to the Lake Wyangan foreshore (Confidential Attachment c). He provided information regarding the current works being carried and additionally highlighted potential future works aimed at further enhancing the area.

5.2 Aboriginal Heritage Impact Permit (AHIP)

Lisa Parker (Community Representative) to research the process of applying for an AHIP. This permit allows individuals or organisations to disturb Aboriginal objects or places, and it serves as a key mechanism within the Aboriginal culture and heritage management framework established by the National Parks and Wildlife Act 1974.

5.3 Liaising with Griffith Local Aboriginal Land Council (GLALC)

John Tagliapietra (Community Representative) to commence informal discussions with GLALC in regards to possible future works.

6 NEXT MEETING

The next meeting of the Lake Wyangan & Catchment Management Committee is to be held on Thursday, 24 April 2025 at 5:00pm.

There being no further business the meeting terminated at 7:13pm.

CONFIDENTIAL ATTACHMENTS

- (a) Lake Wyangan Data Analysis Report, January 2022 - Prepared by Dr. Philip Orr, Australian Rivers Institute, Griffith University, Brisbane
- (b) Woodlots and Wetlands - Lake Wyangan Water Quality Management
- (c) Lake Wyangan Foreshore Improvements

CLAUSE CL01**TITLE** Large Lot Residential Development Control Plan - Boorga Road R5**FROM** Vanessa Johns, Environment & Public Health Coordinator**TRIM REF** 25/43509

SUMMARY

The purpose of this information report is to present the Large Lot Residential Development Control Plan (DCP) for Boorga Road R5 to the Lake Wyangan & Catchment Management Committee.

At the Council Meeting held on 8 April 2025, Council resolved to endorse the Large Lot Residential Development Control Plan (DCP) – Boorga Rd R5 for public exhibition for a period of 28 days.

This DCP addresses a specific section of the Griffith Residential Development Control Plan (as amended) related to land on Boorga Road in Nericon to facilitate a large lot residential development proposed under DA 16/2025 for an additional 58 large lot residential lots.

Key Information:

- The Large Lot Residential Development Control Plan (DCP) for Boorga Road R5 has been prepared to appease the requirements of Clause 7.12 of the Griffith Local Environmental Plan 2014.
- The DCP provides specific planning and design guidelines for the proposed large lot residential development of 58 lots under DA 16/2025.
- The DCP will be made available for public exhibition period for a total of 28 days for public submissions as required by legislation.
- During this period, the DCP will be available for public review on Council's website.
- Given the location within the Lake Wyangan catchment area, this Committee is being informed of the DCP to ensure awareness of potential development that may impact the catchment.

RECOMMENDATION

That the information be received.

ATTACHMENTS

- (a) DCP Council Report and Attachment (under separate cover)

CLAUSE **CL02**

TITLE **Diatomix Lake Wyangan South Trial Result to Date**

FROM **Joe Rizzo, Director Sustainable Development**

TRIM REF **25/44177**

SUMMARY

At the Lake Wyangan & Catchment Management Committee meeting held on 19 March 2025 a report was presented, titled CL04 Lake Wyangan Progress/Update Report. Part of the report provided background information regarding the trial treatment of the Lake Wyangan South with an organic solution called Diatomix. As a result of the Committee Meeting a request for staff to provide a further report outlining the results of testing Lake Wyangan South, 12 months prior to the Diatomix trial commencing, and results during the trial until present, be presented.

The purpose of this information report is to present the above mentioned results, to the Lake Wyangan & Catchment Management Committee.

Background Information:

- The trial treatment of Lake Wyangan (South) using an organic solution, 'Diatomix' from AlgaEnviro Australia Pty Ltd, commenced on the 9 September 2024.
- Dousing of the solution is conducted by Council staff via boat, 2-3 times per week with the trial period set for 18 weeks – which was set for completion January 2025.
- Monitoring of the South Lake continued via onshore and offshore sampling by Council's Environmental team for testing of water quality. Testing results are regularly sent to AlgaEnviro for monitoring and ongoing support/advice.
- Due to the Diatomix solution consuming Silica within the South Lake (which AlgaEnviro advised is common), AlgaEnviro recommended the addition of SiLution in addition to Diatomix to increase Silica levels. SiLution dousing in addition to Diatomix commenced by Council staff on 1 November 2024.
- As Council had additional product of Diatomix from its initial purchase, continued application of Diatomix and SiLution for another 15 weeks of treatment in the South Lake is ongoing as per AlgaEnviro's recommendation. This will see the trial end mid to late April 2025.

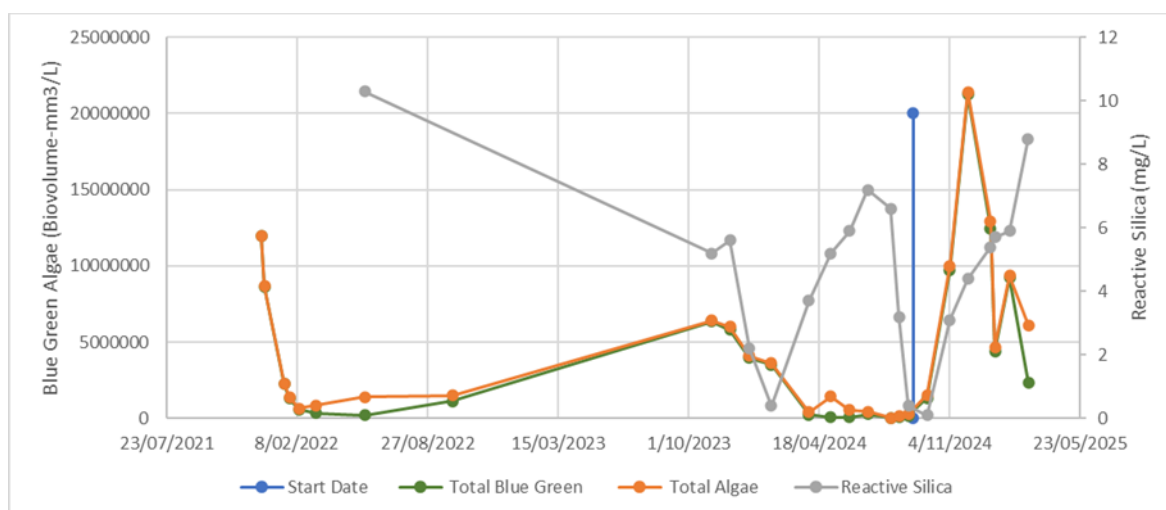
Results:

The below graph was provided by AlgaEnviro with the following commentary summarised:

- The graph details the results of Total Blue Green Algae (BGA) – Green line, the Total Algae cell count - Orange line, and the Total Blue Green cell count) - Green line. The results also show data from mid-2022 (prior to the Diatomix trial commencing) to March 2025.
- The graph is in line with what is expected using Diatomix.
- It is important that the reactive silica level are up to ensure the diatoms have enough to use along with Diatomix are shown. The grey line is reactive silica, and as silica levels increase, and we are not in winter, the cell numbers have begun to reduce. This is due to the diatoms are not silica limited while they are getting Diatomix. Previously the BGA numbers were also low when the reactive silica was high prior to

the trial starting, but that was between April and August, when you would expect BGA to be lower.

- The key change which is positive is the Orange line (Total Algae cell count) and the Green line (Total Blue Green cell count). So far since the trial started the difference between the Total cell count and the BGA cell count has been on average 4.9%. Meaning that 95.1% of Total cells were BGA cells. Showing a clear BGA dominance.
- The most recent results (20 March 2025) there is a much larger gap between the Total and the BGA cell counts (the gap between the orange and green lines). The results show that 61.5% of the total cell count are not BGA cells. The only other times this has happened is in May of 2022 and May and June of 2024. Again this is late autumn when you would expect BGA to crash, but other algae may not. So for BGA to drop below being the dominant cell class two months earlier than previously seen is significant.
- This is a big change for the lake. This is still a dynamic system and the changes are in line with what is expected to be observed.



Graph: Provided by AlgaeEnviro, 2025

For further information, as previously emailed to Committee Members on the 11 April 2025, the table below represents the Lake Wyangan South nutrient information from samples taken by Griffith City Council staff:

South Lake Nutrient Table

Date	Total Nitrogen	Total Phosphorus	Nitrate Nitrogen NO ₂ -N	Nitrate Nitrogen NO ₃ -N	pH Levels
4/03/2024	2.87	0.132	0.002	<0.01	9.1
3/04/2024	3.78	0.207	0.003	<0.01	9.4
6/05/2024	3.99	0.295	<0.002	<0.01	9.6
4/06/2024	3.83	0.269	0.011	0.1	9.6
2/07/2024	3.95	0.262	0.001	<0.01	9.4
6/08/2024	3	0.155	n/a	<0.01	9
16/08/2024	3.88	0.261	0.002	<0.01	9.2
19/08/2024	3.19	0.198	n/a	<0.01	9
2/09/2024	3.42	0.185	n/a	<0.01	9
9/09/2024	3.4	0.18	<0.001	<0.01	9.1

1/10/2024	3.66	0.234	n/a	<0.01	9
Offshore					
8/10/2024	3.73	0.27	n/a	<0.01	9
Onshore					
04/11/2024	3.86	0.311	n/a	<0.01	8.9
Offshore					
04/11/2024	3.78	0.311	n/a	<0.01	8.9
Onshore					
02/12/2024	3.6	0.358	<0.01	<0.01	9.1
Offshore					
02/12/2024	3.57	0.299	<0.01	<0.01	9.1
Onshore					
06/01/2025	4.5	0.244	n/a	<0.01	9.3
Offshore					
06/01/2025	4.81	0.25	n/a	<0.01	9.3
Offshore					
13/01/2025	4.39	0.183	n/a	<0.01	9.3
Onshore					
04/02/2025	4.92	0.168	n/a	<0.01	9.4
Onshore					
04/02/2025	4.72	0.174	n/a	<0.01	9.4
Onshore					
04/03/2025	6.2	0.211	n/a	<0.01	9.4
Onshore					
04/03/2025	6.9	0.22	n/a	<0.01	9.4
Onshore					
01/04/2025	8.06	0.255	n/a	<0.01	9.2
Offshore					
01/04/2025	7.98	0.255	n/a	<0.01	9.3

RECOMMENDATION

That the information be received.

ATTACHMENTS

Nil

CLAUSE **CL03****TITLE** **Lake Wyangan Agenda Item for Salt and Algae Issued - Proposed by Committee Members****FROM** **Joanne Bollen, Governance Officer****TRIM REF** **25/45301**

SUMMARY

This Agenda item will be presented by Committee members John Tagliapietra, Lisa Parker, Scott Collis and Jade Salvestro.

We are proposing a Lake Wyangan Water Management Scheme to hopefully help with the salinity and algae issues.

1. Raising and holding the level of the Lake to at least 80% capacity leaving air space for major rain event.

In doing this it will deepen the water of the Lake which should lower the salt to water ratio and also use a process called hydraulic pressure to push the salt down and outwards from the lake.

The reason the lake needs to stay at a high level that when the lake decreases in volume the salt then comes back up or inwards and washes into the water when there is a large rain event.

2. A formal approach to Murrumbidgee Irrigation needs to be organised with the discussions of once the Lake is at 80% and the water is tested whether a deal can be reached that they can release 50 megalitres a day of fresh water into the Lake and 50 megalitres a day be pumped out either to Barren Box or if water test within the required limits it could go into the Tharbogang supply channel. This would create water movement which will not only help the salt but also algae issues.
3. The redirection of the drain which enters the North Lake at the picnic area whether it can be redirected away from the lake at a point upstream from the lake.

These 3 proposals we feel would greatly improve the quality of the lake and is a vastly cheaper alternative to chemicals and requires no extra infrastructure as the infrastructure is already in place.

RECOMMENDATION

That the information be received.

ATTACHMENTS

- | | | |
|-----|--|----|
| (a) | Lake Wyangan Report by Lisa Parker ↓ | 11 |
| (b) | Lake Wyangan Agenda Item Proposal ↓ | 17 |

Lake Wyangan Report – Lisa Parker April 2025 – Summary of Available data 6/04/2025:

Lake Volume: 8,000 Mega Litres

South Lake Volume: 2,000ML

North Lake Volume: 6,000ML

Average water Depth: 2.1m

Maximum Depth: 3.8m

Current Water Allocation: 2,500ML

Current MI salinity: 160us

Current Lake salinity: ~3000us

Issue:

High salt levels which (currently ~3000us 5/4/25 LP), drives salt tolerant growth of plants and algae – which mean Salt tolerant Blue Green Algae can use nutrients without other competition.

Nitrogen levels in the lakes are relatively high, while phosphorus is low (readings taken in Winter). It would appear that in Summer when oxygen levels drop phosphorus is released from sediment which then provides a food source for the algae. This internal loading of phosphorus is potentially unavoidable, however we can manage the water quality so that other plants can utilise the food source and out compete the algae.

Since flood events the water quality in the lake has improved, however further intervention is required to manage the salinity. Dropping the salt load to <800us (Microsiemens) would be ideal for end users.

Without considering influence from evaporation or drainage inflows. To reduce salinity by dilution we can expect to have EC below 800us within 5 years if 2,500ML or more is delivered into the lake with low EC (265 days of 40ML flow, with 2500ML allocation per year).

Table 1:

	EC in Microsieme ns	
Addition of 2500ML	2286	Year 1
Addition of 2500ML	1741	Year 2
Addition of 2500ML	1327	Year 3
Addition of 2500ML	1011	Year 4
Addition of 2500ML	770	Year 5

To reduce salinity to <800us, within 12 months, we would have to put 22,000ML through the system, which is not physically possible with the 40ML per day connection.

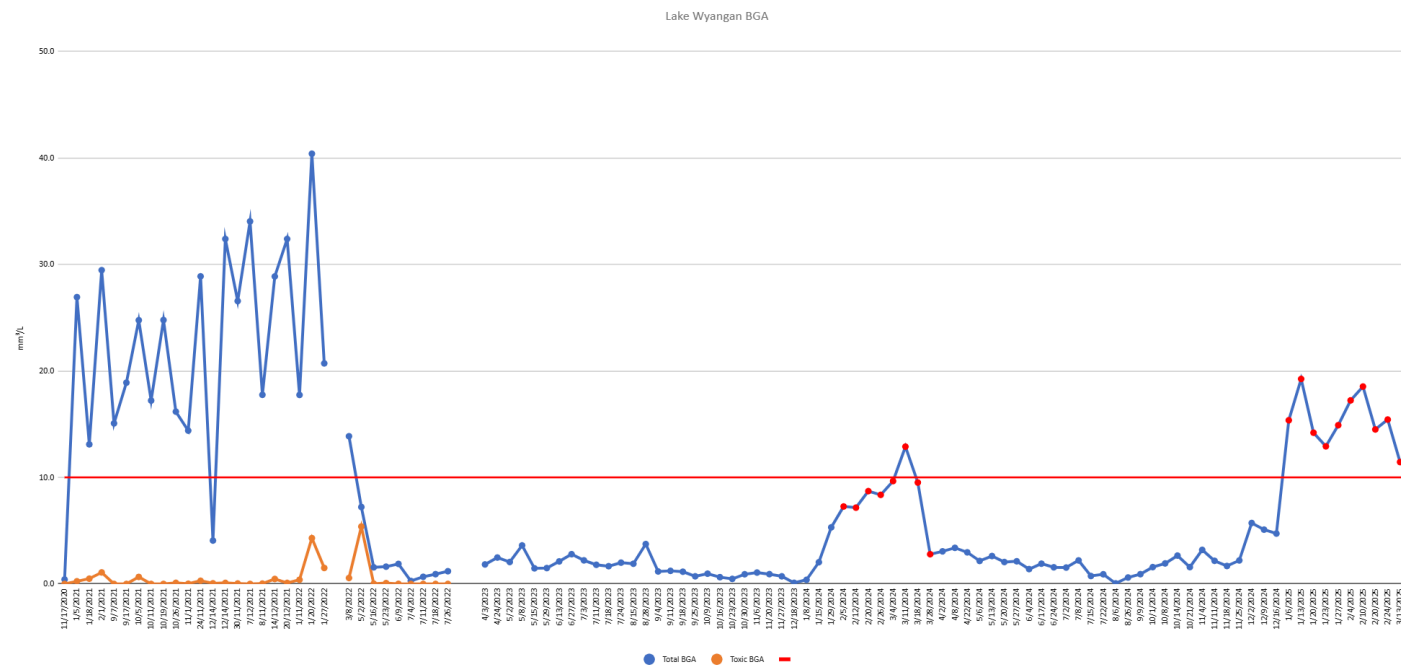
At minimum it would take nearly 2 years to deliver the water needed at 40ML per day, this would have to be done through collaboration with MI to have the volume available and end use or drainage options for the water.

Pleasing to see that since 2020 the EC level appear to have dropped dramatically (some as high as 20,000us were reported in 2019, 2020 - Jade 5/4/2025). This would be a reflection of the water allocation inflows and flood water dilution over the past 5 years. I believe there has also been a reduction in MI drainage into the lake during this time.

The BGA plot below supports the hypothesis that dilution of the lake water is an effective method of controlling Blue Green Algae. While some of the positive results could be from dilution and removal of nutrients, I believe that the greater benefit is the reduction in salinity making the water more suitable for a broader range of phytoplankton.

I'd recommend that the committee have their eyes wide open to the issues associated with establishing wetlands with existing lake water and am requesting that the committee receive historical and current data on all Key water quality parameters so that we can

provide useful advice to council. This includes EC, Dissolved Oxygen, Calcium, Potassium, Phosphorus, Nitrogen, BGA and phytoplankton numbers, pH and Turbidity, as well as inflow and outflow volumes.



Extra information:

Cyanobacteria and algae in fresh water

Guidelines

Fresh recreational water bodies should not contain:

- >10 µg/L total microcystins; or >50 000 cells/mL toxic *Microcystis aeruginosa*; or biovolume equivalent of >4 mm³

/L for the combined total of all cyanobacteria where a known toxin producer is dominant in the total biovolume; or

- >10 mm³

/L for total biovolume of all cyanobacterial material where known toxins are not present; or

- cyanobacterial scums consistently present

Characteristic	Guideline	Comment	Supporting information
Chemical hazards	Waters contaminated with chemicals that are either toxic or irritating to the skin or mucous membranes are unsuitable for recreational purposes.	Chemical contamination can result from point sources (eg industrial outfalls) or from run-off (eg from agricultural land). All chemical contaminants should be assessed on a local basis.	Chapter 9
pH	6.5–8.5	A wider pH range of 5–9 is acceptable for water with a very low buffering capacity.	Chapter 9
Dissolved oxygen	> 80%	When considered with colour and turbidity, dissolved oxygen is an indicator of the extent of eutrophication of the water body.	Chapter 9
Aesthetic aspects	Recreational water bodies should be aesthetically acceptable to recreational users. The water should be free from visible materials that may settle to form objectionable deposits: <ul style="list-style-type: none"> • floating debris; • oil, scum and other matter; • substances producing objectionable colour, odour, taste or turbidity; and • substances and conditions that produce undesirable aquatic life. 	Consumer complaints are a useful guide to the suitability of water for recreational use.	Chapter 10

From - GUIDELINES FOR MANAGING RISKS IN RECREATIONAL WATER

Lake Wyangan and catchment management strategy – technical report April 2017

LAKE WYANGAN AGENDA ITEM PROPOSAL FOR THE SALT AND ALGAE ISSUES

Presented by committee members John Tagliapetra, Lisa Parker, Scott Collis and Jade Salvestro.

We are proposing a Lake Wyangan Water Management Scheme to hopefully help with the salinity and algae issues.

#1 Raising and holding the level of the Lake to at least 80% capacity leaving air space for major rain event.

In doing this it will deepen the water of the lake which should lower the salt to water ratio and also use a process called hydraulic pressure to push the salt down and outwards from the lake.

The reason the lake needs to stay at a high level that when the lake decreases in volume the salt then comes back up or inwards and washes into the water when there is a large rain event.

#2 A formal approach to Murrumbidgee Irrigation needs to be organised with the discussions of once the lake is at 80% and the water is tested whether a deal can be reached that they can release 50 megalitres a day of fresh water into the lake and 50 megalitres a day be pumped out either to barrenbox or if water test within the required limits it could go into the Tharboggan supply channel. This would create water movement which will not only help the salt but also algae issues.

#3 The redirection of the drain which enters the north lake at the picnic area whether it can be redirected away from the lake at a point upstream from the lake.

These 3 proposals we feel would greatly improve the quality of the lake and is a vastly cheaper alternative to chemicals and requires no extra infrastructure as the infrastructure is already in place.

John, Lisa, Scott and Jade to speak more about it at the meeting.

THANKYOU

CLAUSE **CL04**

TITLE **Questions Submitted for Agenda by Committee**

FROM **Joanne Bollen, Governance Officer**

TRIM REF **25/45399**

SUMMARY

This Agenda item was proposed by Committee member Scott Collis.

I was wondering if we could get some clarity at the next meeting about a few things that surround decisions that happen concerning the lake along with some facts on water availability and access.

1. What is the actual allocation of water for the lake;
2. Who controls water levels and monitoring of the levels;
3. What happens to water allocation if it isn't used in the lake;
4. How many pumping licences are there that use lake water;
5. Who monitors these licences and their water use;
6. Does council have access to supplementary water to use to fill the lake;
7. Does the council have the ability to pump water back up to the branch view canal or is this only done by MI; and
8. Are there any plans to run town water along the top side of the lake to the picnic area for the new upgrades to the camping area, doing away with the need for tanks to store potable water which will need constant filling in the summer months.

RECOMMENDATION

That the information be received.

ATTACHMENTS

- (a) Lake Wyangan Questions Submitted by Committee Member [↓](#)

19

From: [Griffith Marine Centre](#)
To: [Joanne Bollen](#)
Subject: Re: Lake Wyangan & Catchment Management Committee
Date: Tuesday, 15 April 2025 8:01:40 PM

Hi Joanne,

I was wondering if we could get some clarity at the next meeting about a few things that surround decisions that happen concerning the lake along with some facts on water availability and access.

1. What is the actual allocation of water for the lake;
2. Who controls water levels and monitoring of the levels;
3. What happens to water allocation if it isn't used in the lake;
4. How many pumping licences are there that use lake water;
5. Who monitors these licences and their water use;
6. Does council have access to supplementary water to use to fill the lake;
7. Does the council have the ability to pump water back up to the branch view canal or is this only done by MI; and
8. Are there any plans to run town water along the top side of the lake to the picnic area for the new up grades to the camping area, doing away with the need for tanks to store potable water which will need constant filling in the summer months.

Could these questions please be made an agenda item for the next meeting so all members of the committee have as much information as possible to make informed decisions.

Thankyou, Scott Collis

GRIFFITH MARINE CENTRE
PO Box 1292
GRIFFITH, NSW 2680

From: Joanne Bollen <Joanne.Bollen@griffith.nsw.gov.au>
Sent: Monday, April 14, 2025 6:20 PM
To: Griffith Marine Centre
Subject: Automatic reply: Lake Wyangan & Catchment Management Committee

I am currently out of the office.

I will return to the office on Wednesday, 16 April 2025.

TITLE Outstanding Action Report

TRIM REF 25/38595

RECOMMENDATION

The report be noted.

ATTACHMENTS

- (a) Action Report - Lake Wyangan and Catchment Management Committee - 24 Apr 2025 [↓](#) 21

Lake Wyangan & Catchment Management Committee Action Report				
Date of Meeting	Agenda Item	Action	Action Officer	Comment
19 March 2025	CL04 Lake Wyangan Progress/Update Report	A report outlining the results of testing 12 months prior to the trial commencing, and results during the trial until present, will be presented to the next Committee meeting.	Environmental & Public Health Coordinator & Director Sustainable Development	
19 March 2025	CL05 Lake Wyangan Data Analysis Report, January 2022 - Prepared by Dr. Philip Orr, Australian Rivers Institute, Griffith University, Brisbane	<p>RECOMMENDED on the motion of Councillor Tony O'Grady and John Tagliapietra that:</p> <p>(a) The Committee note the Lake Wyangan Data Analysis Report - Dr. Philip Orr - Griffith University and express appreciation to him for undertaking this project.</p> <p>(b) The Committee identify which recommendations included in the report it wishes to progress and Council explore opportunities for government grant funding to enable their implementation.</p>		
19 March 2025	CL06 Proposal from Woodlots and Wetlands - Lake Wyangan Water Quality Management	<p>RECOMMENDED on the motion of Frank Battistel and Kelvin Williams that:</p> <p>(a) The Committee note the report.</p> <p>(b) The Committee identify which recommendations it wishes to progress and Council explore opportunities for government grant funding to enable their implementation.</p>		

15 August 2024	Lake Wyangan Strategic Plan – Tom Mackerras	Copy of the Report to be presented to Council and the new Committee.	Minute Secretary	
15 August 2024	CL01 Sediment Retention North Western Drain – Presentation by De Peter Bacon, Woodlots & Wetlands Pty Ltd	RECOMMENDED on the motion of Tom Mackerras and Ema Munro that Woodlots and Wetlands prepare a project proposal based on points discussed.	Peter Badenhorst	
15 May 2024	CL03 Water Body Rehabilitation – Presented by Ema Munro	<p>RECOMMENDED on the motion of Frank Battistel and Ema Munro that:</p> <p>(a) Council investigate the cost of inviting Peter Bacon, environmental scientists to a Committee meeting for the purpose of providing expertise on a scope of works for Lake Wyangan.</p> <p>(b) Invite key Aboriginal stakeholders for the purpose of further understanding the cultural heritage and land claim sites around Lake Wyangan.</p>	<p>Manager Urban Design and Major Projects</p> <p>Director SD</p>	7/8/2024: Peter Bacon to present to the Committee 15/8/2024.
15 May 2024	CL01 Draft Plan of Management - Lake Wyangan	<p>RECOMMENDED on the motion of Tom Mackerras and Frank Battistel that:</p> <p>(a) Council refer the Draft Plan of Management for Lake Wyangan, incorporating Jack Carson Wildlife Reserve (Crown Reserve 159017) and North Lake Wyangan (Crown Reserve 1002998) to the Minister administering the Crown Land Management Act 2016 for approval.</p> <p>(b) Upon approval of the Minister administering the Crown Land Management Act 2016 Council amends the Draft Plan of</p>	Corporate Property Officer	3/6/2024: Draft Plan of Management sent to Minister for approval to be exhibited.

		<p>Management Lake Wyangan if required, and place it on public exhibition as per Section 38 of the Local Government Act 1993.</p> <p>(c) Native Title advice has been approved.</p> <p>(d) A report be presented to Council to adopt the final Plan of Management for Lake Wyangan on completion of the exhibition period, to consider all submissions.</p>		
11 April 2024	6.1 Water Quality of Drainage into Lake Wyangan	<p>Mr Williams tabled a letter pertaining to the Water Quality of Drainage into Lake Wyangan with concerns about drainage licencing, and the size and quantity of outlets on properties. He has asked that Council contact Murrumbidgee Irrigation in regards to this issue. Councillor Curran advised that Council will follow up with Murrumbidgee Irrigation.</p>	GM/Director SD	<p>06/11/2024: Senior staff have discussed drainage challenges into Lake Wyangan but Murrumbidgee Irrigation (MI) haven't been specifically asked the question regarding licencing requirements that discharge water via infrastructure into Lake Wyangan.</p> <p>Council will now write to MI, enclosing a copy of Mr Williams letter, to seek a formal response to his enquiries.</p>
15 February 2024	7.1 Aerating the Lake Water	<p>RECOMMENDED on the motion of Frank Battistel and Franco Pistillo that Council:</p> <p>(a) Obtain costings to investigate the cost and benefits of installing water jets to aerate the lake water.</p> <p>(b) Obtain costings for capital works.</p>	Director SD	<p>15/05/2024: Mr Gibbs suggested that the Council and the Committee investigate an aeration device as part of a scope of works in a future master plan for Lake Wyangan, and potentially using the existing pump once works have been carried out to connect the pump to mains power.</p>
16 November 2023	CL02 National Tree Day Community Planting Around Lake Wyangan	<p>RECOMMENDED on the motion of Carmel LaRocca and Neal Cranston that the Committee support the National Tree Day 2024 planting at Lake Wyangan as proposed.</p>	Ema Munro	<p>15/02/2024: Ms Munro to liaise with Mr Gibbs, Mr Mackerras and Mr Pistillo regarding plant type and location for planting.</p>

		Ms Munro is to liaise with Council staff regarding appropriate plants and locations.		15/05/2024: The Committee recommended that River Sheoak and Kurrajong be planted.
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.
16 November 2023	General Business 7.3 Fencing around Lake	Mr Cranston raised the issue that fencing around the Lake requires attention. Councillor Current advised this would be taken on notice.	Director SD	<p>15/02/2024: Mr Cranston confirmed the location of fence being between the two lakes, on the Eastern side of the North Lake from Boorga Road through to Campbell's Wetlands.</p> <p>15/05/2024: Mr Gibbs advised that quote to replace fence is \$42,339. The Committee recommended that Council investigate funding options to replace.</p>