



INFRASTRUCTURE POLICY COMMITTEE

AGENDA

7 MAY 2024

Notice is hereby given, in accordance with the provisions of the Local Government Act 1993 that an **INFRASTRUCTURE POLICY COMMITTEE MEETING of ORANGE CITY COUNCIL** will be held in the **COUNCIL CHAMBER, CIVIC CENTRE, BYNG STREET, ORANGE** on **Tuesday, 7 May 2024**.

David Waddell
CHIEF EXECUTIVE OFFICER

For apologies please contact Administration on 6393 8106.

AGENDA

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1 INTRODUCTION

1.1 DECLARATION OF PECUNIARY INTERESTS, SIGNIFICANT NON-PECUNIARY INTERESTS AND LESS THAN SIGNIFICANT NON-PECUNIARY INTERESTS

The provisions of Chapter 14 of the Local Government Act, 1993 (the Act) regulate the way in which Councillors and designated staff of Council conduct themselves to ensure that there is no conflict between their private interests and their public role.

The Act prescribes that where a member of Council (or a Committee of Council) has a direct or indirect financial (pecuniary) interest in a matter to be considered at a meeting of the Council (or Committee), that interest must be disclosed as soon as practicable after the start of the meeting and the reasons given for declaring such interest.

As members are aware, the provisions of the Local Government Act restrict any member who has declared a pecuniary interest in any matter from participating in the discussion or voting on that matter, and requires that member to vacate the Chamber.

Council's Code of Conduct provides that if members have a non-pecuniary conflict of interest, the nature of the conflict must be disclosed. The Code of Conduct also provides for a number of ways in which a member may manage non pecuniary conflicts of interest.

RECOMMENDATION

It is recommended that Committee Members now disclose any conflicts of interest in matters under consideration by the Infrastructure Policy Committee at this meeting.

2 GENERAL REPORTS

2.1 CURRENT WORKS

RECORD NUMBER: 2024/618

AUTHOR: Ian Greenham, Director Technical Services

EXECUTIVE SUMMARY

The purpose of this report is to update Council on construction and maintenance works which have been carried out since the last current works report to Council.

LINK TO DELIVERY/OPERATIONAL PLAN

The recommendation in this report relates to the Delivery/Operational Plan strategy “10.1. Construct and maintain a road network that meets the community’s transport and infrastructure needs”.

FINANCIAL IMPLICATIONS

Nil

POLICY AND GOVERNANCE IMPLICATIONS

Nil

RECOMMENDATION

That the information provided in the report on Current Works be acknowledged.

FURTHER CONSIDERATIONS

Consideration has been given to the recommendation’s impact on Council’s service delivery; image and reputation; political; environmental; health and safety; employees; stakeholders and project management; and no further implications or risks have been identified.

SUPPORTING INFORMATION

Road Maintenance

Road maintenance activities, including pothole repair and minor patching, continued across the city.

Crews have also been attending a collapsed drainage pit at the corner of Peisley Street and Summer Street which resulted in subsidence of the road pavement. Site investigation was undertaken by excavation of the area and the situation was made safe. The required concrete components to repair the pit will be cast and permanent repairs undertaken in upcoming weeks.

Road Upgrading

Forest Road

Council crews completed the reconstruction and widening of approximately 830m of Forest Road in the section between Aerodrome Road and upgrading works completed last year.

2.1 Current Works



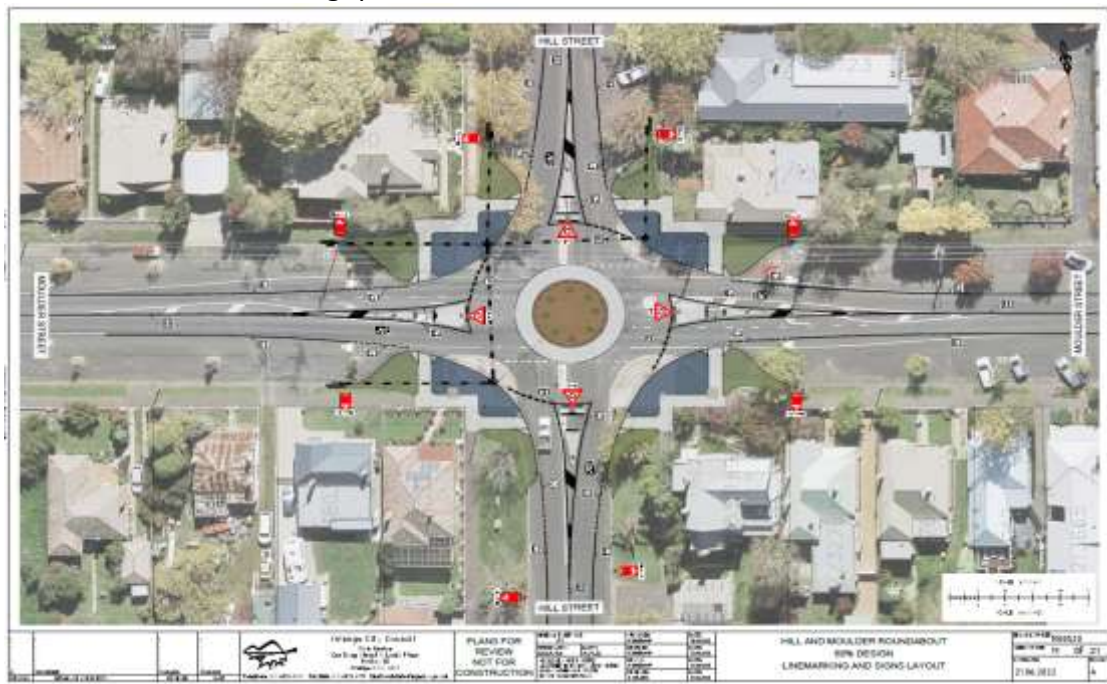
Photo – Sealing completed road works on Forest Road

Aerodrome Road

Works commenced on the upgrading of Aerodrome Road in front of Orange Regional Airport. Works will include the provision of stormwater drainage and widening of the existing pavement.

Moulder and Hill Street Roundabout

Preliminary works commenced on site with the removal of three London Plane trees. Civil works are expected to commence in the last week of April and will include watermain relocations, new stormwater lines, power pole relocation, new pavement, kerbs and concrete islands. Substantial reshaping of the road geometry will require the full closure of the intersection with local signposted detours.



Plan of proposed roundabout at Hill and Moulder Street

2.1 Current Works

Concrete and Drainage

Footpaths

Work has commenced or continued on new footpaths and footpath reconstructions at:

- Molong Road – Opposite Mastronardi Way to NDR.
- Byng Street – Sale to Anson Streets.
- Moulder Street – Sale to Anson Streets.
- Peisley Street – March to Byng Streets.
- Molong Road – 2.5m footpath (OAGS).

WATER SUPPLY SERVICES

The type and number of water supply service responses by maintenance staff are shown in the table below.

Category	July 2022 – June 2023	March 2024
Water - Leak (Meter)	310	20
Water Request - Meters Faulty (incorrect readings)	104	14
Water - No Water Supply	42	3
Water - Pressure	38	5
Water Request - Replace Meter box/lid	234	52
Water quality - Dirty	25	1
Water - Burst Main	119	6
Water - leak (Main, Valve, Hydrant)	438	37
Total Water Requests	1,310	138

Construction Works

- Clinton Street Water Main Renewal (between Byng and March Streets) scheduled to commence in May.
- Clinton Street Water Main Renewal Borer contract signed. Works to begin in May.
- Hill and Moulder Street Roundabout – Water Main Renewal, scheduled to commence in May.
- Sewer Pipe Bursting Tender, approved at previous Council meeting. Letter of Acceptance and Contract signing to follow.
- Dredging at the Stormwater Harvesting Batch Ponds continuing, BlackPoly.

Water Service Renewal

A water service renewal was completed at 314 Anson Street.

2.1 Current Works

SEWER SERVICES

The type and number of sewer service responses by maintenance staff are shown in the table below.

Category	July 2022 – June 2023	March 2024
Sewer Choke - Blockages	232	20
Sewer Complaint - Odour	15	3
Sewer Complaint - Overflow	162	7
Total Sewer Requests	409	30

Sewer Reconstruction

- Coinda Avenue – Sewer Reconstruction

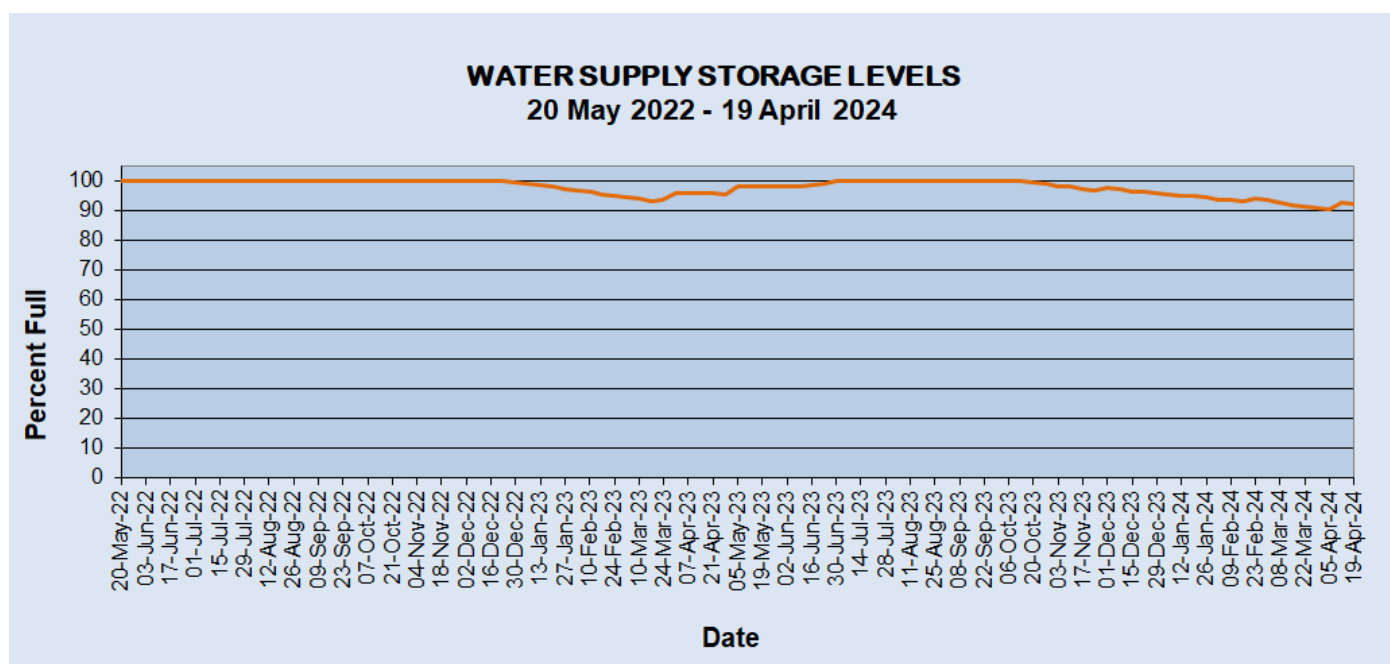
Private Works

- Dirty Janes – Byng Street, 100m fire service.
- Tip Top Site (273-281 Peisley Street) – Cap existing 100mm water main.
- 41 Westerly Drive – New Sewer Junction.
- 2 Moulder Street – New Sewer Junction and 20mm water service.
- Leewood Drive – 100mm Fire Service.

WATER SUPPLY SECURITY

Water Storage Levels

The water storage trend for the combined storages from 20 May 2022 to 19 April 2024 is shown in the graph below.



2.1 Current Works

Location	Level Below Spillway (mm)	% of Capacity
Suma Park Dam	1095	90.45%
Spring Creek Dam	0	100.00%
Lake Canobolas	0	100.00%
Gosling Creek Dam	9	92.26%

Supplementary Raw Water Sources

Extractions from the supplementary raw water supplies in recent months are provided in the table below. The ‘Total’ column is the tally for all months in the water year (starting July).

Raw Water Source	January 2024 (ML)	February 2024 (ML)	March 2024 (ML)	Total (ML) 2023/2024
Bores*	2.54	0.54	0.00	26.69
Stormwater	0.00	0.00	0.00	0.00
Macquarie River	0.00	0.00	0.00	0.00
Total	2.54	0.54	0.00	26.69

* Bores include two at Clifton Grove and two at the Showground/Margaret Street

A more detailed monthly summary of raw water transfers can be found on Council’s website at <https://www.orange.nsw.gov.au/water/oranges-water-supply/>.

The second quarter Decision Support Tool (DST) in January predicted dry conditions from the Bureau of Meteorology’s POAMA forecast. Suma Park Dam remains near to the 90% trigger (90.19%) as of 22 April 2024. Plans are underway to have the additional raw water supply systems ready when required. Status will be considered at the next quarterly DST scheduled for April.

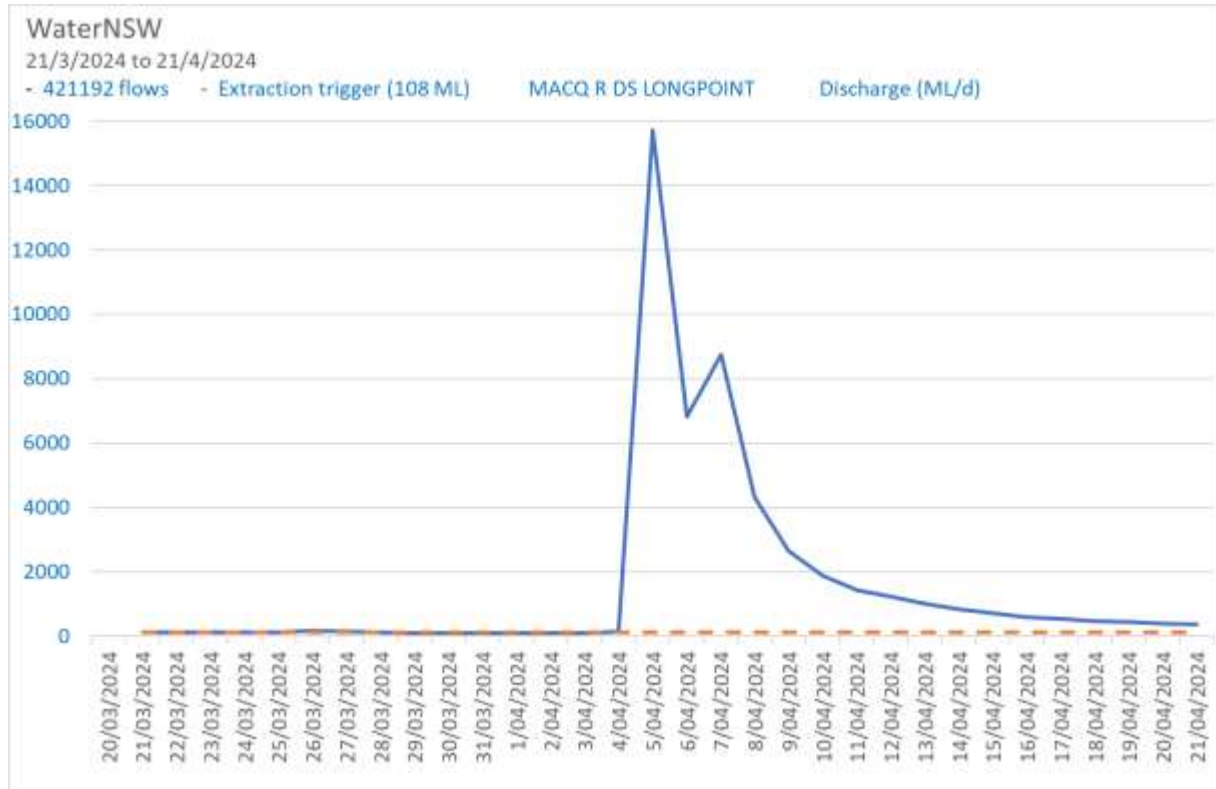
Macquarie River Flows

The mean daily flows in the Macquarie River monitored downstream of Long Point (Station 421192) for 21 March to 21 April 2024 are presented below.

Flow rates reduced over the period with the minimum flow rate of approx. 84 ML recorded on 1 April. Flows were below the extraction trigger value (108ML) for seven days before heavy rain increased flows to approx. 15,709 ML on 5 April.

The data for the chart below was sourced from the WaterNSW website with flows presented in megalitres per day (ML/d).

2.1 Current Works

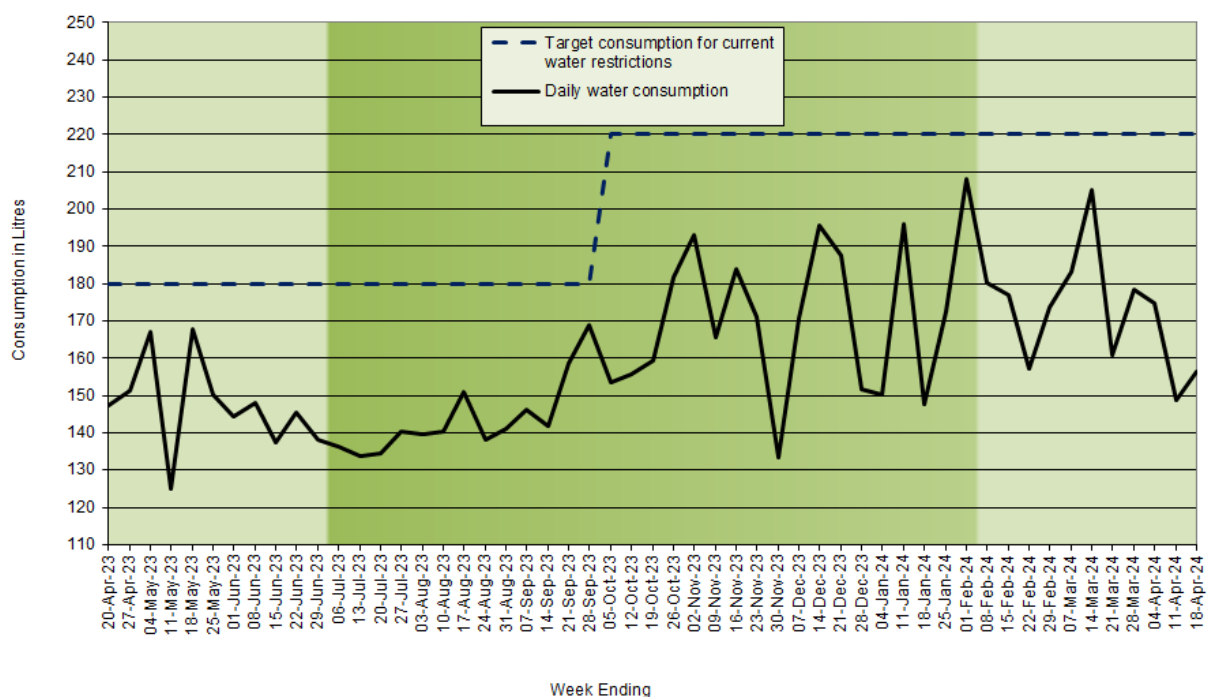


Demand Management

Residential water use

Permanent Water Saving Standards came into effect on Friday 25 June 2021. Average daily residential water consumption for the period 22 March 2024 to 18 April 2024 was 165 litres per person per day. The graph below shows the average daily residential water consumption trend since April 2023.

**Daily Water Consumption
20 April 2023 - 18 April 2024**



2.1 Current Works

Total water use

The average daily city-wide water consumption for the period 22 March 2024 to 18 April 2024 was 10.62 ML/day.

DRINKING WATER QUALITY

Water samples are collected as a component of Orange City Council's Drinking Water Quality Monitoring Program in accordance with NSW Health requirements. Samples are collected regularly and sent to the NSW Government National Association of Testing Authorities (NATA) accredited laboratory for analysis. Water quality for March 2024 complied with the Australian Drinking Water Guidelines health targets.

OTHER MAJOR PROJECTS

Euchareena Road Resource Recovery Centre

This project will see the construction of a new waste cell and the capping of stages 1 and 2.

The contractor has commenced earthworks. To date, topsoil has been removed and stockpiled and excavation is now to a depth of approximately 1.5m of the four-metre total depth required. Excavation will take a further four to six weeks following which the 900mm clay liner will be installed.

Lake Canobolas Water and Sewer

Both the water and sewer mains have been pressure tested and the water main disinfected. The majority of non-conformance issues previously raised with the contractor have been corrected, however, until all matters have been resolved, the contractor will not have practical completion.

East Orange Harvesting Wetlands (Blackman's Swamp Creek Stormwater Harvesting Stage 2)

This project, when completed, will provide an offline storage on Blackman's Swamp Creek to increase the city's water supply secure yield from stormwater harvesting.

Following an amendment to the Water Sharing Plan for the Macquarie Bogan Unregulated and Alluvial Water Sources 2012 in 2022, allowing local water utilities to construct dams and weirs, Council resubmitted an application for a Water Supply Works Approval. This amendment opened up a pathway for approval of the project.

The application was advertised in the Summer of 2022/23. Fifty-eight (58) submissions were received by the then DPE-Water Approvals Team. Council has had the opportunity to provide responses on the submissions to the approvals team, following which they requested further investigations of riffle surveys, eDNA surveys and flow modelling which was subsequently provided as requested in November 2023.

2.1 Current Works

In January 2024, the former Department of Planning and Environment was restructured into two departments and Water now sits in the Department of Climate Change, Energy, Environment and Water (DCCEEW). The approvals team is unchanged, and they gave a verbal update in January that Council have provided adequate information for the assessment process and the assessment is progressing. The approvals team in February have reconfirmed previous advice that a Section 60 Approval is not relevant and are continuing with the assessment of the Water Supply Works Approval. At this stage it is still too early to give a definitive date for completion of the assessment.

Staff from the DCCEEW who are assessing the harvesting scheme, visited the site and were given a presentation by our Consultant, Martin Haege of Premise. The department staff had the opportunity to ask questions and seek clarification on issues.

As a result of this meeting, some ambiguity existed about how Council's water take was to be accounted for, a subsequently meeting occurred on 15 April 2024 where potential issues were raised for consideration by the approval authority. We remain hopeful of an outcome on the Water Supply Works Approval by the end of June 2024.

Sewage Treatment Plant Inlet Works

This project involves upgrading the existing inlet works at the Orange Sewage Treatment Plant (STP) to meet the peak wet weather flow demand and replace the old inlet system with improved screening and improved contingency measures. The proposed works involve excavation of the construction area, relocation of two inlet sewer pipelines, water main and internal STP access road and installation of a retaining wall adjacent to the new inlet works. New inlet work structures include screening channels, grit trap, pump station and flow splitter and associated connection piping, electrical cabling, screens, grit trap, washing equipment and pumps.

The status of the project as follows:

- Relocation of two inlet sewer mains and two water mains – completed.
- Installation of a retaining wall – completed except the installation of handrails.
- Inlet Structure - 98% of the concrete works have been completed.
- Grit Chamber – 95% of the concrete works have been completed.
- Inlet Pump Station – 85% of the concrete works have been completed.
- Flow Splitter – 95% of the concrete works have been completed.
- Water tightness testing will commence on 23 April and it is expected to take two weeks. Following this the concrete tanks will be drained to allow drying and then subsequently sand blasted, and epoxy coated.
- Electrical works – Installation of cable trays, motor control unit and programmable logic circuits have been installed. There is approximately two weeks' worth of cable termination required to complete electrical works.
- Mechanical works – to be commenced following epoxy coating.

The current expected completion date for the STP upgrade works is late July 2024.

2.1 Current Works

Southern Feeder Road Stage 4

The previously reported asbestos containing material that has contaminated the site, has been removed and encapsulated. Following this week, it is expected that all works will be out of the ground and less impacted by weather or latent conditions.

On or about 1 May 2024 the contractor will commence the crushing of rock in the cutting near Anson Street. Letters have been sent to nearby residents advising to expect some noise from this activity. The works will be limited in duration during the day and have respite periods. The total duration of crushing is expected to take around 4 weeks.

Jack Brabham Change Room

Construction of the new female changerooms and referees changerooms is progressing with tiling, plumbing and electrical fit out currently underway. Project to be completed in the next month.

Lake Canobolas facilities

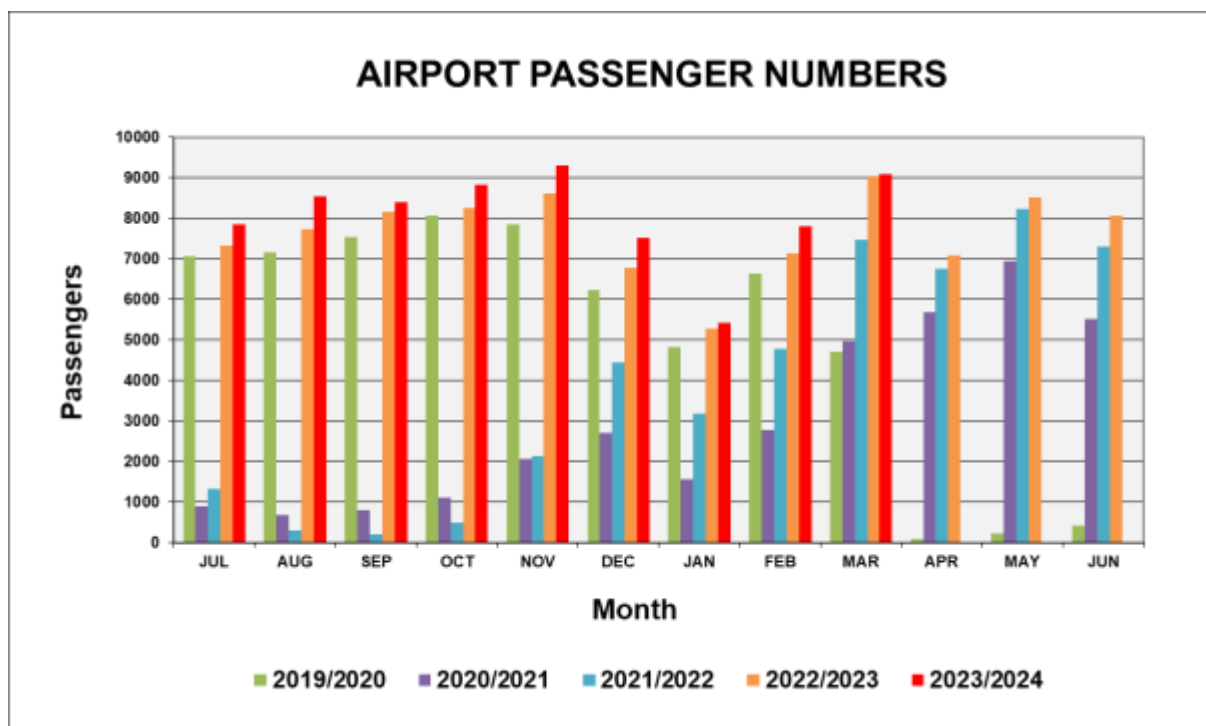
Two toilet blocks are currently being installed, one on each side of the lake. These are anticipated being in operation within the next month.

Additional picnic shelters are on order for around the lake and floating boardwalks are proposed to be installed in September.

AIRPORT PASSENGER NUMBERS

Passenger numbers during March 2024 were 9,076 compared to 9,033 in the same month in 2023.

These figures include passenger numbers from Regional Express, Link Airways (formerly Fly Corporate) and QantasLink.



2.1 Current Works

ENERGY USE

The following information is sourced from E21, Council’s energy software.

Consumption History - up to 4 Years Monday, 22 April 2024 7:06 PM



History - Last 12 Months

GROUP	CONSUMPTION (kWh)	CO2 EMISSIONS (t)	BILL (ex GST)
Parks & Gardens	0	0	\$0
Water	4,497,460	3,553	\$1,190,558
Public Buildings & Facilities	2,491,553	1,968	\$733,865
Lighting	1,433,577	1,133	\$741,372
Other	0	0	\$0
Sewer	3,432,621	2,712	\$906,835
Macquarie Pipeline	20,714	16	\$27,275
Ungrouped	183,383	145	\$57,170
Total	12,059,308	9,527	\$3,657,076