



INFRASTRUCTURE POLICY COMMITTEE

AGENDA

4 FEBRUARY 2025

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, 4 February 2025**.

David Waddell

CHIEF EXECUTIVE OFFICER

For apologies please contact Executive Support on 6393 8391.

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: 2025/28

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

Gravel road grading has been ongoing and resources have been continuously applied to pothole repairs on sealed roads across the city. Table drain and shoulder clearing works were undertaken on Old Forbes Road.

Crews have also been kept busy attending after hours call outs to attend to water and trees across roads caused by storms.

Road Upgrading

Shiralee Road

Council staff completed the bulk of the works to upgrade Shiralee Road from the railway line south to join into works being undertaken on the Southern Feeder Road. It is intended that once the contractor opens the new roundabout at the Southern Feeder Road, a full road

2.1 Current Works

closure will be implemented at the railway line to install a deep sewer crossing, followed by asphalt surfacing of the whole project.

Additional lines were marked on Woodward Street, north of the railway line, to better guide traffic when the Southern Feeder Road is opened.

Clergate Road

The following works on Clergate Road were completed:

- Gas main relocation;
- Asphalting of the last sections of road adjacent to kerb and drainage works;
- Line marking.

Huntley Road at Gosling Creek

Works to widen Huntley Road by extending the culverts at Gosling Creek, just south of Bloomfield Road, continued with the first of the box culvert drainage units being placed. Stream diversions have now been switched to allow for similar works to be completed on the remaining culverts.



Photo: Box culvert units being placed at Huntley Road

Huntley Road – Hiney Road to Aerodrome Road

Work to widen, strengthen and seal the pavement on Huntley Road were undertaken by Council's contractors prior to Christmas. Some minor alignment issues were also improved closer to the Huntley Road and Aerodrome Road intersection. Line marking of this work was completed in mid-January.

2.1 Current Works



Photo: Pavement upgrade and widening on Huntley Road

Winter Street

Council's contractor began works on the upgrade of Winter Street from March Street to Icelly Road. Initial works included drainage upgrades and kerb and gutter construction at the March Street end. Road closures have been implemented with local resident access only.

Aerodrome Road

Council staff began works on the first stage of Aerodrome Road upgrading for this year's program. This first stage will focus on a section between the exit to the airport and the sharp bend heading to Forest Road. A second stage will complete works to Forest Road.

Concrete and Drainage

Footpaths

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

- Ploughmans Lane (shared path) – Cargo Road to existing path at Riawena Oval.

Work was completed on new footpaths and footpath reconstructions at:

- Matthews Avenue – Hill Street to Burrendong Way.

2.1 Current Works



Photo: Completed footpath on Matthews Avenue

Upcoming major works

Major road upgrading works, status and timing (as weather permits) as follows:

Work	Location	Status
Rehabilitation and seal	Albert Street Hartas Lane Margaret Street Linda Cres Philip Street Jubilee Avenue Kara Place	Quotations received. Expected award and commence March 2025.

Other major projects:

Location	Description	Status
Clergate Road to Strathgrove Way	Install trunk drainage upgrade	Tenders received and under assessment. Anticipate recommendation to award works to go to Council in February.

2.1 Current Works

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	November and December 2024
Water - Leak (Meter)	310	60
Water Request - Meters Faulty (incorrect readings)	104	32
Water - No Water Supply	42	4
Water - Pressure	38	2
Water Request - Replace Meter box/lid	234	2
Water quality - Dirty	25	2
Water - Burst Main	119	12
Water - leak (Main, Valve, Hydrant)	438	66
Total Water Requests	1,310	180

Construction Works

Works have been completed on a 100mm water connection to the Orange Adventure Playground. The project scope was the installation of 250m of 125mm PE Pipe and 100mm assembly.

Works are completed on the upgrade and new water main on Clergate Road where the 300mm water main is being upgraded to 450mm and new 200mm water mains are being installed for future connection points.

Planning works are underway for the renewal of the 100mm water main in March Street between McLachlan Street and Autumn Street with works expected to commence in March.

SEWER SERVICES

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

Category	July 2022 – June 2023	November and December 2024
Sewer Choke - Blockages	232	29
Sewer Complaint - Odour	15	3
Sewer Complaint - Overflow	162	28
Total Sewer Requests	409	60

2.1 Current Works

Construction Works

- Works have commenced on the Lake Canobolas Sewer Pump Station project. This project is a continuation of the sewer rising main project which has recently been completed. Excavation works have been completed and the installation of the main sewer well, offline storage and valve chamber have been completed. The sewer gravity main connecting the pump station to the existing network is underway. Electrical works are currently planned for February/March 2025. This project is expected to be completed by April 2025.
- Planning works are currently underway for the 2024/2025 sewer rehabilitation project with areas of Council sewer network identified for sewer main relining and smoke testing for water infiltration. Council has entered into a contract with Interflow Pty Ltd for these works.

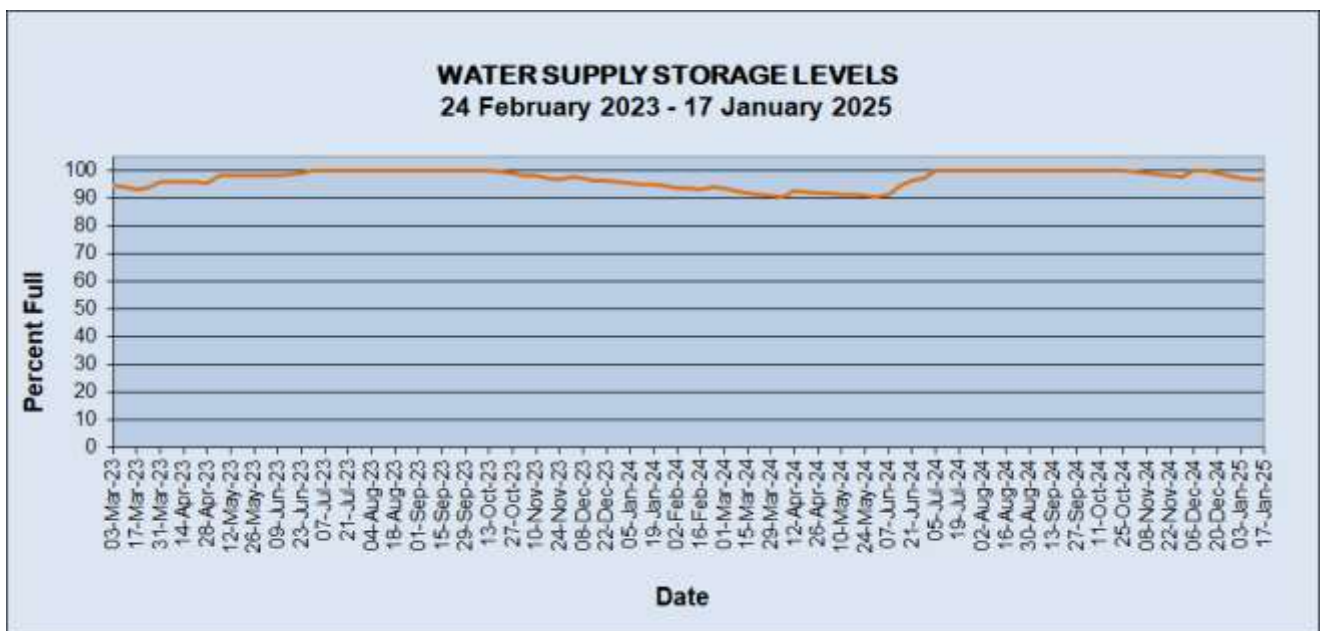
Sewer reconstructions

- 76 Sampson Street - sewer main reconstruction.
- 69 Matthews Ave - sewer manhole lid reconstruction.
- 9 Phoenix Mine Road - sewer connection reconstruction.
- 39 Peisley Street - sewer manhole reconstruction.

WATER SUPPLY SECURITY

Water Storage Levels

The water storage trend for the combined storages from 3 March 2023 to 17 January 2025 is shown in the graph below.



2.1 Current Works

Below Levels current at 17 January 2025:

Location	Level Below Spillway (mm)	% of Capacity
Suma Park Dam	457	95.91%
Spring Creek Dam	30	99.30%
Lake Canobolas	0	100.00%
Gosling Creek Dam	24	99.30%

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	October 2024 (ML)	November 2024 (ML)	December 2024 (ML)	Total (ML) 2024/2025
Bores*	9.54	0.00	7.20	29.84
Stormwater	0.00	0.00	0.00	0.00
Macquarie River	0.00	0.00	0.00	0.00
Total	9.45	0.00	7.20	29.84

* 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 annual analysis of the water year was conducted 13 January 2025 with the Decision Support Tool (DST) predicting neutral conditions from the Bureau of Meteorology’s POAMA forecast. Suma Park Dam remains above the 90% trigger (96.05 %) as at 20 January 2025. Plans are underway to have the additional raw water supply systems ready when required.

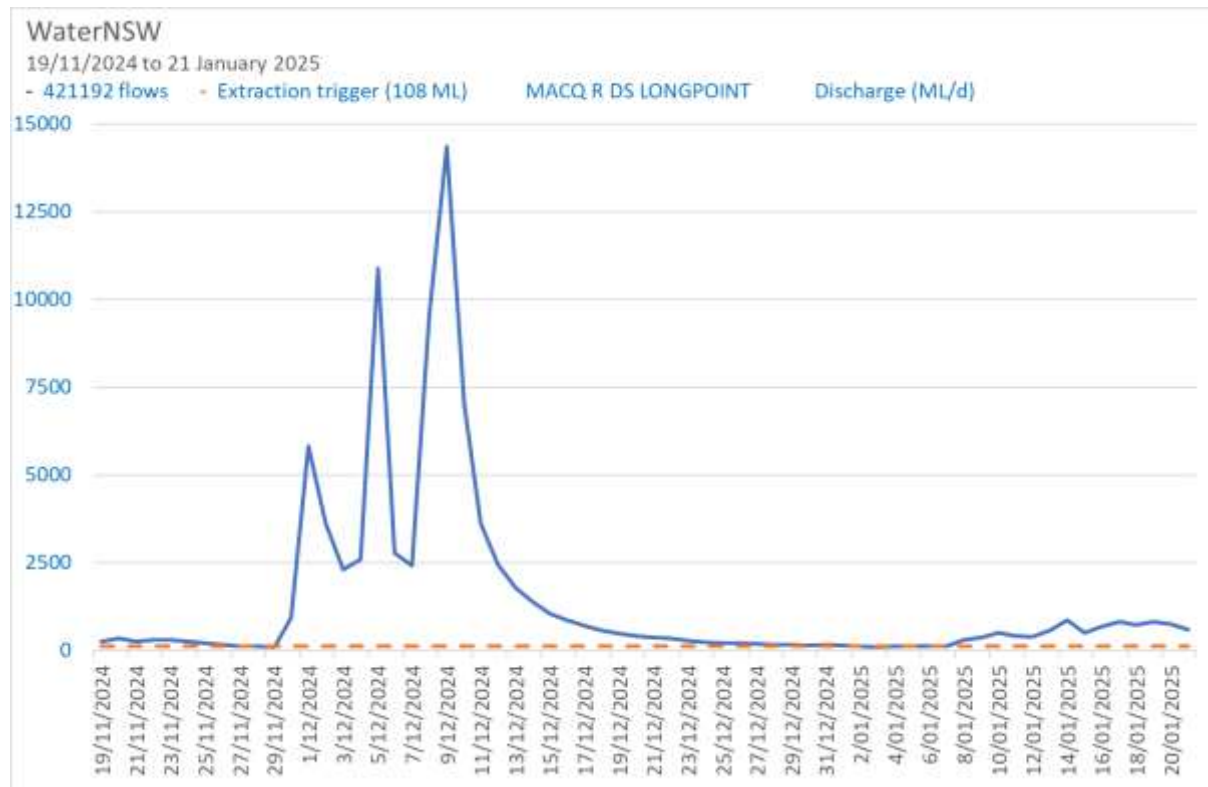
Macquarie River Flows

The mean daily flows in the Macquarie River monitored downstream of Long Point (Station 421192) for 19 November 2024 to 21 January 2025 are presented below.

The minimum flow rate of approx. 91 ML/day recorded on 29 November was below the extraction trigger value (108 ML/day) for the period. The flow reduced below the extraction rate for six days over the period being 28 and 29 November and four days in the first week of January 2025. The maximum flow was recorded of approximately 14,352 ML/day on 9 December 2024.

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

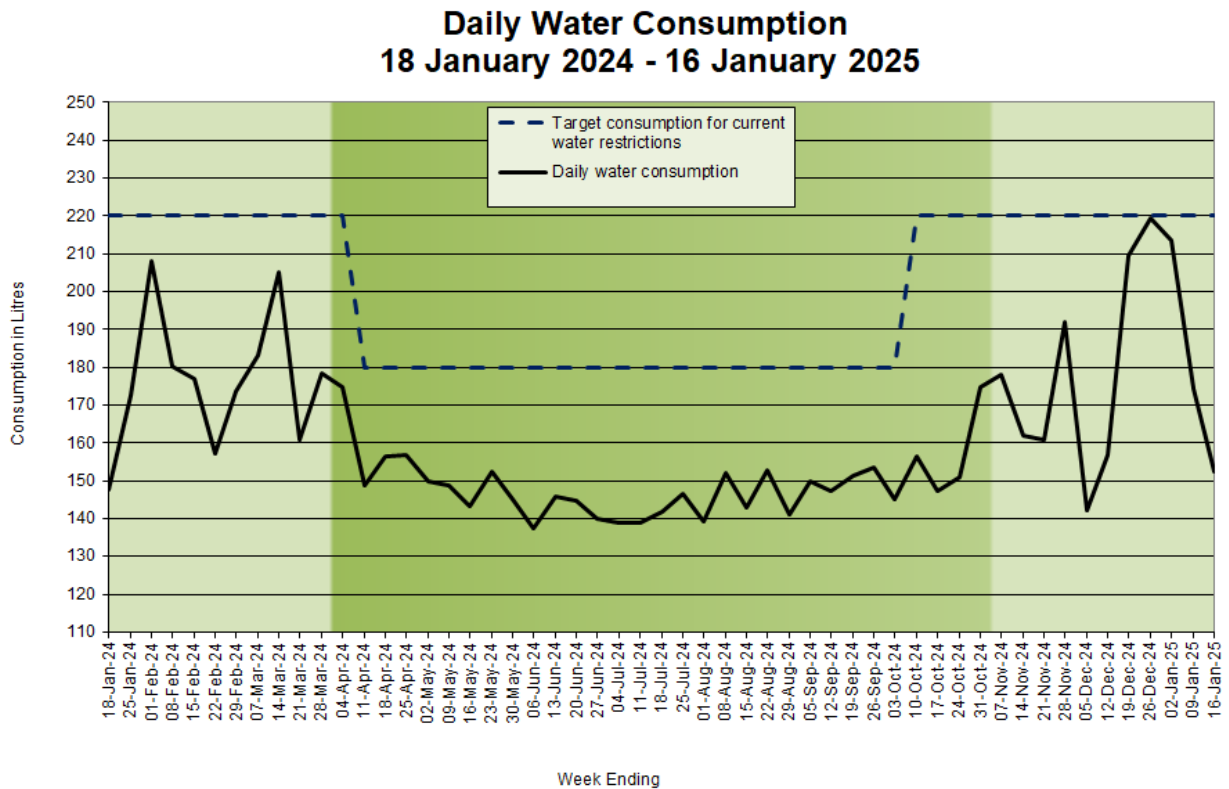
Permanent Water Saving Standards came into effect on Friday 25 June 2021.

Average daily residential water consumption for the periods:

- 22 November 2024 to 19 December 2024 was 175 litres per person per day
- 20 December 2024 to 16 January 2025 was 190 litres per person per day

The graph below shows the average daily residential water consumption trend since 18 January 2024 to 16 January 2025.

2.1 Current Works



Total water use

The average daily city-wide water consumption for the period 22 November 2024 to 19 December 2024 was 11.29 ML/day.

The average daily city-wide water consumption for the period 20 December 2024 to 16 January 2025 was 12.25 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.

During December 2024, the Icelly Rd supply system achieved 100% compliance for physical, chemical and microbiological samples.

Council has updated its webpage for the Water Treatment Plant to include a drinking water quality summary report ([Water treatment plant - Orange City Council](#)). This report provides a statistical breakdown and comparison of test results against guideline values for the large suite of testing parameters, for example water hardness and metals. Council regularly receives enquiries about drinking water quality for various reasons and this report may help with these enquiries. Enquiries can include student projects, or hobbyists such as those operating aquariums.

2.1 Current Works

PROJECT MANAGEMENT OFFICE

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 completed Cell 4 and the cell has been given the approval for use from the EPA and is now in use.

Capping works on Cells 1 and 2 are ongoing. The first clay seal bearing layer has been installed and commencement of the liners will be in the coming weeks.



Photo: Completed Clay Seal Bearing Layer Cell 1 & 2 Construction

Lake Canobolas Water and Sewer

Council staff have commissioned the pipeline and connected the residents. The sewer pipeline will be commissioned following the construction of the pump station at Lake Canobolas.

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.

DCCEEW has subsequently issued an approval for the works under the Water Management Act 2000 in October 2024. There are conditions associated with the approval that require relatively minor amendments to the current scope of works. There was however a joint appeal by two applicants with DCCEEW listed as the first respondent and Council the second respondent on the 21st of November 2024.

The first directions hearing was held on the 20th of January and set down the following dates:

7th February 2025 date for the applicant to lodge their Notice of Facts and Contention.

7th March 2025 date for respondents to lodge their response.

2nd May 2025 date for Conciliation Conference to be held in Orange.

10th May 2025 date for the second Directions Hearing if not resolved at the conciliation.

If it is to proceed to the Land and Environment Court, the earliest date the appeal will be heard will be in August 2025.

2.1 Current Works

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.

Mechanical installation of all equipment has been ongoing along with all the installation of the electrical cabling and termination to each item of plant as necessary. Concrete works for the road around the site is ongoing and there has been other works undertaken.

Commissioning of the plant will commence in the coming weeks and then the final connection to follow after that successful commissioning.



Photo: Site Photo of STP, new works shown lower left of centre

Southern Feeder Road Stage 4

Progress onsite has been good. The project started to lay asphalt for the main alignment of the Southern Feeder Road before Christmas last year. These works have been ongoing this year and are nearing completion.

2.1 Current Works

Footpath and kerb work have all been completed and currently working on installing all the traffic islands onto the asphalt layers. Guardrail install has happened across the various sections of the site.

Opening of the works is likely to happen in the very near future as long as progress is made on the relevant items to get the project complete and tidied up.



Photo: SFR looking east from Cecil Road

Jack Brabham Change Room

Construction of the new female changerooms and referees changerooms has finished.

Orange Conservatorium and Planetarium

There has been significant progress onsite with all the precast units for the main recital hall being fabricated and installed. Concrete Works has been ongoing, and the first level has all been formed and poured before the Christmas period.

2.1 Current Works



Photo – Construction of Orange Conservatorium and Planetarium internal view of the Recital Hall

Icely Road WTP Generator

Site works have all been completed and awaiting the connection date with Essential Energy, which is booked for late January, pending ongoing Essential Energy strike action.

Sports Precinct

The Turf Contractor has been progressing well onsite with the install of 16km of drainage lines under the sand layers that have been installed across the Western Field. Preparation and construction of the 3-cricket field was completed at the end of last year. The installation of 85,000 rolls of turf is about to commence in the next couple of months to get all the turf installed for the 3 cricket fields.

There has been progress with the installation of electrical conduit prior to sand layers being installed and fencing and concrete kerb around the perimeter of the fields has been ongoing.

2.1 Current Works



Photo – Installation of fencing and kerbing around the perimeter of the field.

Adventure Playground

Works at the playground have been ongoing with some good progress being made with some of the larger items of equipment being installed over the months of December and January. Water main connection has been completed along with the splash park installation and equipment install. Opening of the playground will be in the coming weeks once final installation and sign off has been done.



2.1 Current Works



Photo: Adventure Playground – Concrete splash park and equipment being installed

Aquatic Centre

The Contractors have completed this project and commissioning has been done.

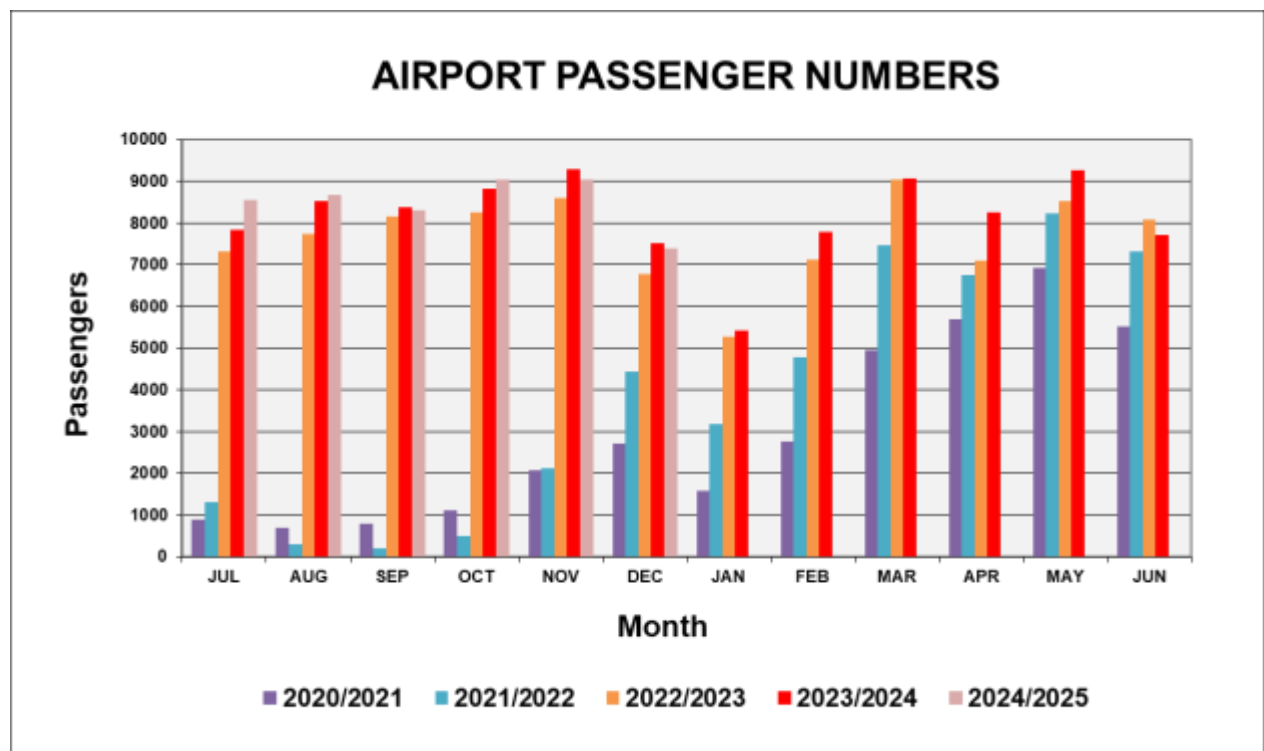
2.1 Current Works

AIRPORT PASSENGER NUMBERS

Passenger numbers during November 2024 were 9,038 compared to 9,292 for the same month in 2023.

Passenger numbers during December 2024 were 7,385 compared to 7,508 for the same month in 2023.

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

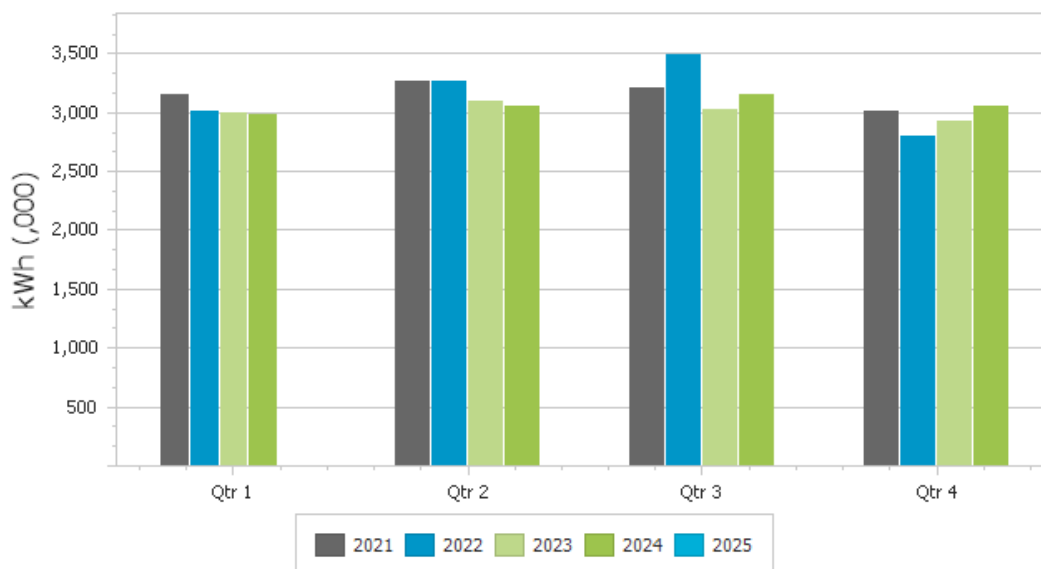


ENERGY USE

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

Consumption History - up to 4 Years

Thursday, 23 January 2025 10:24 AM



History - Last 12 Months

GROUP	CONSUMPTION (kWh)	CO2 EMISSIONS (t)	BILL (ex GST)
Parks & Gardens	0	0	\$0
Water	4,503,634	3,359	\$1,183,382
Public Buildings & Facilities	2,625,941	1,948	\$809,022
Lighting	1,435,646	1,070	\$756,737
Other	0	0	\$0
Sewer	3,493,366	2,598	\$939,030
Macquarie Pipeline	21,630	16	\$29,017
Ungrouped	172,345	128	\$56,770
Total	12,252,563	9,121	\$3,773,959