



# **INFRASTRUCTURE POLICY COMMITTEE**

## **AGENDA**

**6 JUNE 2023**

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, 6 June 2023**.

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**

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RECORD NUMBER: 2023/824

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 “9.1. Construct and maintain a road network 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**

Council’s annual leaf collection programme commenced in the week after Anzac Day. Collected leaves are processed through Council’s green waste composing facilities.

2.1 Current Works



Photo – Leaf collection crew

Council crews undertook heavy asphalt patching work on March Street under the Fixing Local Roads Pothole Repair funding.



Photo - Hotmix Asphalt Patch on March Street



## 2.1 Current Works

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### Road Upgrading

#### Clergate Road

Council's contractor continues to progress through the installation of major drainage lines for the project. Over 1000m of drainage pipes and box culverts are to be laid to deal with stormwater. Due to the size and proximity of the drainage lines, Clergate Road has been closed during working hours and opened to traffic of an evening and weekends.



Photo – Precast concrete drainage pipes being laid on Clergate Road

#### Airport hardstand

Council crews continued excavations and began importing new pavement materials for the hardstand area.

### Concrete and Drainage

#### Footpaths

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

- William Street – March Street heading south to existing
- Telopea Way – Platinum Parade south to vacant land opposite the shopping centre.

## 2.1 Current Works

**Traffic Facilities**Roundabout at Dalton and Clinton Street

Works slowed on this project due to soft unsuitable ground condition, the discovery of naturally occurring asbestos and significant vandalism to 3 items of plant on site that left it inoperable. Crews were able to continue with footpath construction in the interim.

Raised platform and marked pedestrian crossing on Park Street

Temporary pedestrian crossing line marking was laid and the Park Street facility opened to traffic. Permanent line marking is still to be laid by contract resources.

**WATER SUPPLY SERVICES**

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

Category	July 2021 – June 2022	April 2023
Water - Leak (Meter)	288	16
Water Request - Meters Faulty (incorrect readings)	29	1
Water - No Water Supply	39	4
Water – Pressure	23	1
Water Request - Replace Meter box/lid	53	2
Water quality – Dirty	23	2
Water - Burst Main	80	10
Water - leak (Main, Valve, Hydrant)	361	38
<b>Total Water Requests</b>	<b>896</b>	<b>74</b>

**Construction Works**Bloomfield Water main works

Works have been completed in the decommissioning of the water mains within the Bloomfield Sports Precinct.

Clergate Road Water Main Realignment

Works are underway on the 450mm water main realignment on Clergate Road. These works are to realign and upsize the Water Main whilst the road upgrade is being completed.

Anson Street Water Main Renewal

Planning works are underway for the 150mm Water Main Renewal along Anson Street between Margaret Street and Philip Street. Works are expected to commence in June with a 12 Week Construction timeframe.



2.1 Current Works

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**Water Services**

Installation of new water services at the following locations:

- Private Works Order
  - 32mm water service at Atlas Place
  - 100mm water connection to 68-70 Peisley Street
  - Various water connections to the Torulosa Way Development
  - Water service installation 118 Gorman Road
- Renewals
  - 20mm service renewal at 11 Churchill Avenue

**SEWER SERVICES**

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

Category	July 2021 – June 2022	April 2023
Sewer Choke - Blockages	277	6
Sewer Complaint - Odour	9	0
Sewer Complaint - Overflow	190	6
<b>Total Sewer Requests</b>	<b>476</b>	<b>12</b>

**Sewer Construction Works**Sewer Relining Program

The 2022/23 relining program is 80% complete with the program to be completed by 30 June 2023.

Sewer construction

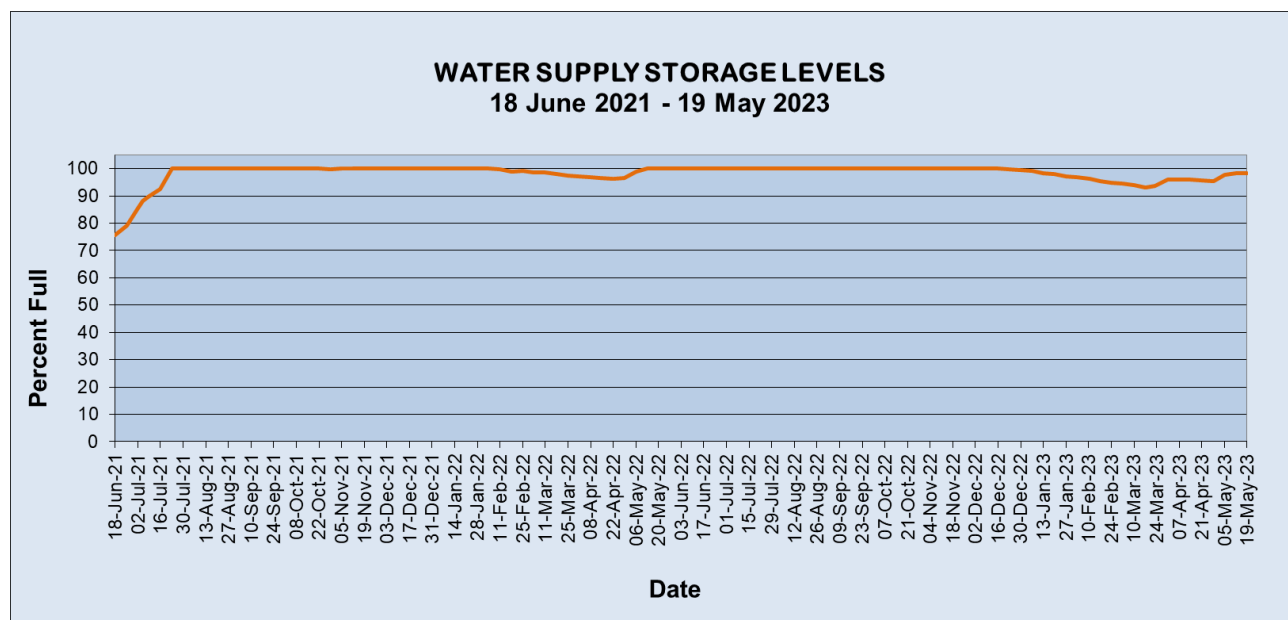
- Private Works Order
  - 37 Botanic Way - Access Chamber and Development Connection
- Sewer Reconstruction
  - 53 Bletchington Street - investigation
  - 7 Moresby Street - connection reconstruction
  - 114 Warrendine Street - connection reconstruction

## 2.1 Current Works

## WATER SUPPLY SECURITY

## Water Storage Levels

The water storage trend for the combined storages from 18 June 2021 to 19 May 2023 is shown in the graph below.



Location	Level Below Spillway (mm)	% of Capacity
Suma Park Dam	245	97.79%
Spring Creek Dam	0	100.00%
Lake Canobolas	0	100.00%
Gosling Creek Dam	0	100.00%

## Supplementary Raw Water Sources

Extractions from the supplementary raw water supplies in recent months are provided in the table below. The 'Total' column is for the water year being 1 July to 30 June.

Raw Water Source	February 2023 (ML)	March 2023 (ML)	April 2023 (ML)	Total (ML) 2022/2023
Bores*	6.86	9.19	5.19	69.17
Stormwater	0.00	0.00	0.00	0.00
Macquarie River	0.00	0.00	0.00	0.00
<b>Total</b>	<b>6.86</b>	<b>9.19</b>	<b>5.19</b>	<b>69.17</b>

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

## 2.1 Current Works

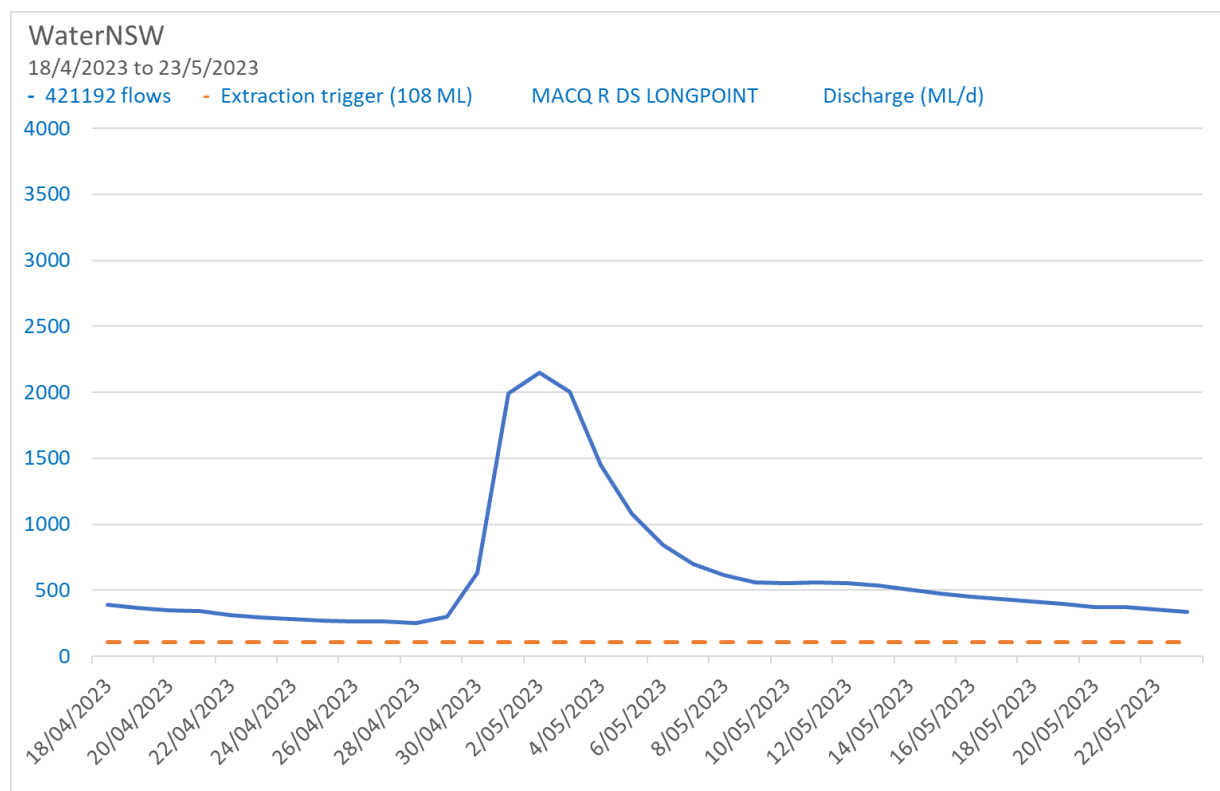
A more detailed monthly summary of raw water transfers can be found on Council's website at <https://www.orange.nsw.gov.au/water/oranges-water-supply/>

The Decision Support Tool (DST) quarterly review was conducted 14 April 2023 with neutral conditions predicted from the POAMA forecast. Additionally, as Suma Park Dam remains above 90% capacity, there are no changes to operating conditions.

### Macquarie River Flows

The mean daily flows in the Macquarie River monitored downstream of Long Point (Station 421192) for the period 18 April to 23 May 2023 are presented below. Flows remained above the extraction trigger value of 108 ML/d for the period, with a minimum mean daily flow rate of approx. 254 ML. Flows peaked at the start of May with a maximum mean daily flow rate of approx. 2,147 ML/day at 2 May 2023.

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



### Demand Management

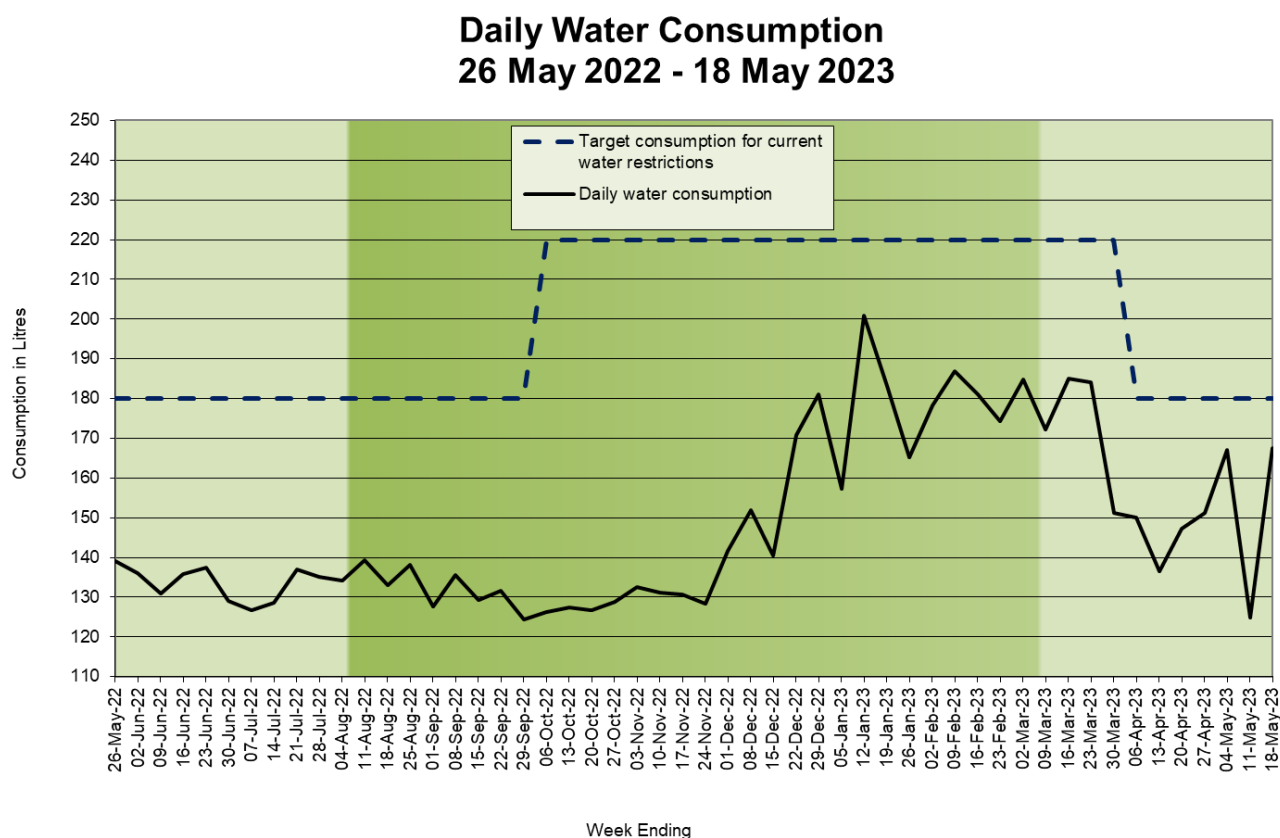
#### Residential water use

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

Average daily residential water consumption for the period 14 April 2023 to 18 May 2023 was 152 litres per person per day.

The graph below shows the average daily residential water consumption trend since May 2022.

## 2.1 Current Works

*Total water use*

The average daily city-wide water consumption for the period 14 April 2023 to 18 May 2023 was 9.78 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 April 2023 complied with the Australian Drinking Water Guidelines health targets.

**OTHER MAJOR PROJECTS****Lake Canobolas Water and Sewer**

To date, approximately 4.4km of sewer main and 5km of water main have been constructed from the lake with works progressing along Mt Pleasant Lane and Canobolas Road. As a result of extensions of time granted to the contractor, the new date for practical completion is 4 July 2023. The Contractor is currently behind programme to meet this date and as such requested an opportunity to under-bore additional sewer main sections in parallel to the open trench excavations to catch up. This approval has been granted.

The under-bore programmed to occur in the private land adjacent to the deer park, has been delayed as a result of a breakdown of the specialised drilling equipment. It is hoped that it will be repaired and onsite the week beginning 29 May 2023.

## 2.1 Current Works

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Photo – Trenching and Pipe Laying – Water Main – Canobolas Road

### **East Orange Harvesting Wetlands (Blackman’s Swamp Creek Stormwater Harvesting Stage 2)**

This project, which is designed to provide an offline storage on Blackman’s Swamp Creek to increase the city’s water supply secure yield, had been experiencing a delay due to a refusal of Council’s Water Supply Works Approval (under the Water Management Act 2000) application by DPE Water (previously administered by the Natural Resources Access Regulator (NRAR)).

This refusal predominantly revolved around the interpretation of a weir and its legality under the Water Sharing Plan for the Macquarie-Bogan Unregulated Water Sources 2012 as it was deemed to be an in-river dam and not permitted.

Following the amendments to the Water Sharing Plan for the Macquarie-Bogan Unregulated Water Sources 2012 to exclude a water supply work to be used for town water supply purposes by a local water utility, Council has now made a new application to DPE Water for a Water Supply Works Approval. The exhibition period for this application closed on 31 January 2023.

On 11 May 2023 Council received correspondence from DPE advising that 58 objections were received which were largely the same as received for Council’s initial application. The Department has provided redacted versions of 7 of the more detailed objections which capture the concern of the objectors. Council has until the 30 June 2023 to respond.



## 2.1 Current Works

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### 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.

Over the last month the Contractor has focused on the retaining wall and steel placement associated with the inlet structure. Prior to a concrete pour of structural components Council required the results of a trial concrete mix to ensure it meets specifications.

The current date for Practical Completion is the end of December 2023.



Photo – STP Inlet Works – retaining wall

2.1 Current Works



Photo – STP Inlet Works – retaining wall



Photo – aerial view - STP Inlet Works – retaining wall



## 2.1 Current Works

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### Future City – Lords Place South

During the last month, painting of the pavement area has occurred, along with the installation of bike hoops etc. Over the next few weeks furniture will be installed on some of the decks that are not proposed to be leased by businesses.

As previously advised, the whiteway lights to be placed on the poles in Lords Place are anticipated to occur in early June.

### Southern Feeder Road Stage 4

The Contractor was given approval to commence clearing and grubbing on 15 May 2023. Work has commenced at the Shiralee Road, Park Road intersection and at the Anson Street section of the job.

Practical completion of the works is anticipated to occur in May 2024.



Photo – SFR4 – Intersection of Shiralee Road and Park Road

## 2.1 Current Works

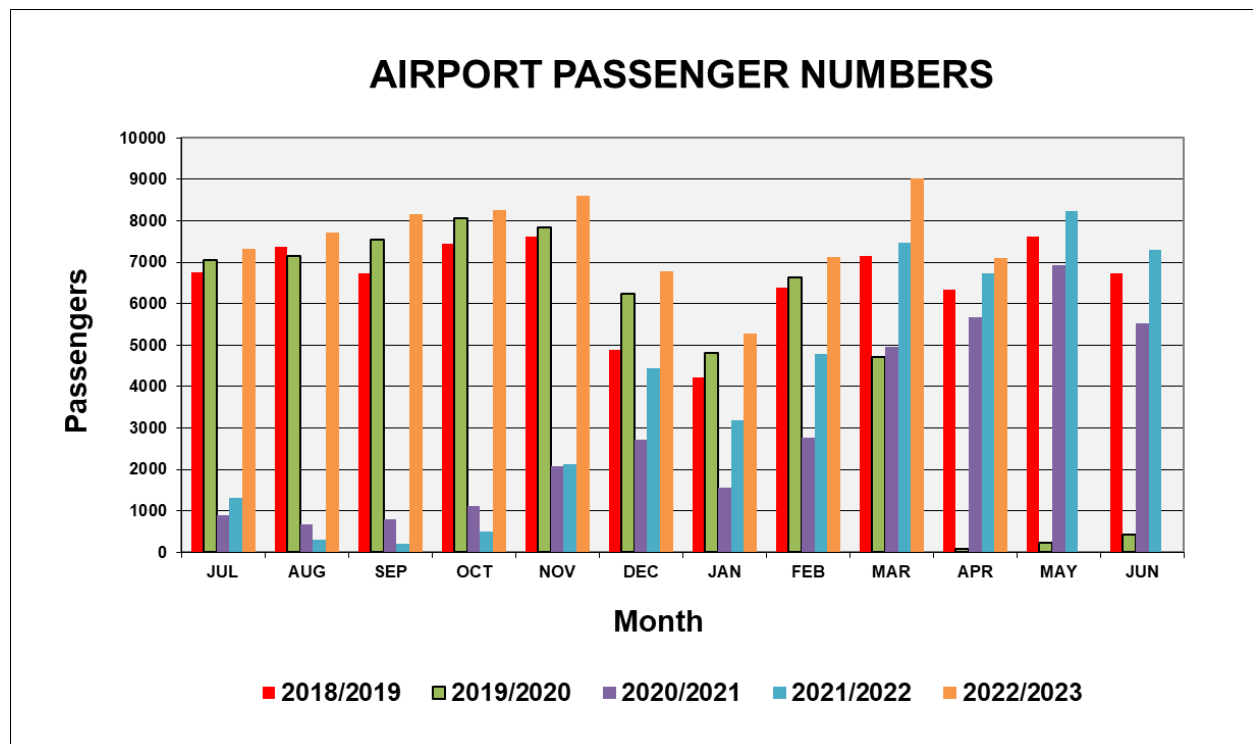
**AIRPORT ENERGY USAGE**

Energy used at the airport during April 2023 was 16,934 kWh at a cost to Council of \$1,879.24.

**AIRPORT PASSENGER NUMBERS**

Passenger numbers during April 2023 were 7,097 compared with 6,744 in the same month in 2022.

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



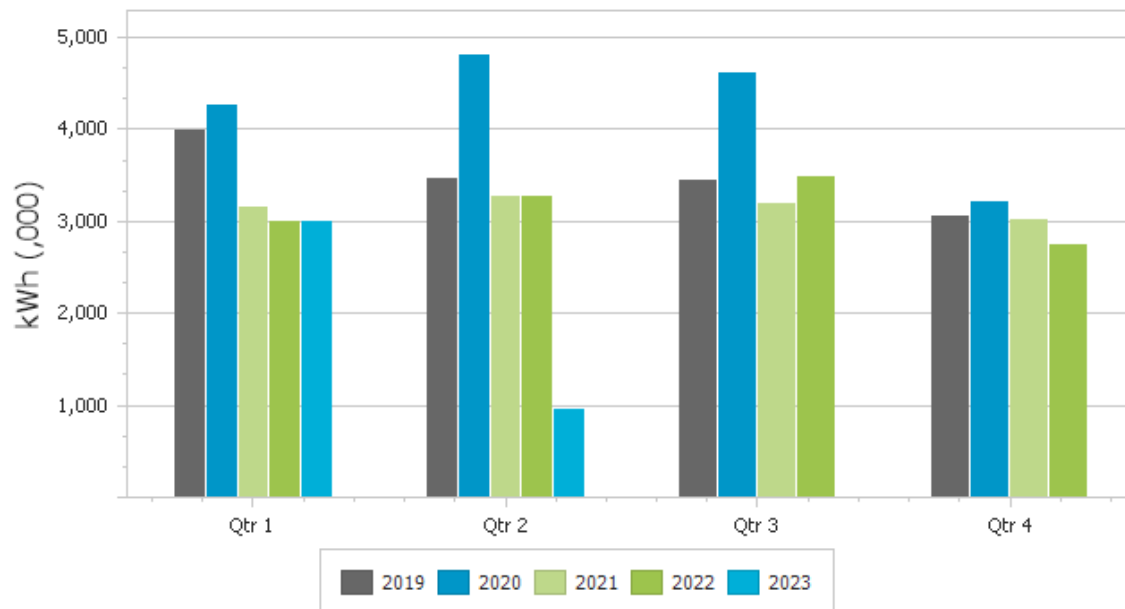
## 2.1 Current Works

## ENERGY USE

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

## Consumption History - up to 4 Years

Thursday, 25 May 2023 10:29 AM



## History - Last 12 Months

GROUP	CONSUMPTION (kWh)	CO2 EMISSIONS (t)	BILL (ex GST)
Parks & Gardens	0	0	\$0
Water	4,283,870	3,384	\$991,340
Public Buildings & Facilities	2,661,400	2,103	\$637,888
Lighting	1,715,879	1,356	\$524,663
Other	0	0	\$0
Sewer	3,667,454	2,897	\$790,336
Macquarie Pipeline	19,008	15	\$24,037
Ungrouped	140,453	111	\$44,533
<b>Total</b>	<b>12,488,064</b>	<b>9,866</b>	<b>\$3,012,797</b>