



INFRASTRUCTURE POLICY COMMITTEE

AGENDA

2 JUNE 2020

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 **VIA ONLINE VIDEO CONFERENCING PLATFORM ZOOM on Tuesday, 2 June 2020.**

David Waddell
CHIEF EXECUTIVE OFFICER

For apologies please contact Administration on 6393 8218.

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: 2020/783

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 Preserve - Construct and maintain a road network meets the community’s transport and infrastructure needs”.

FINANCIAL IMPLICATIONS

Nil

POLICY AND GOVERNANCE IMPLICATIONS

Nil

RECOMMENDATION

That Council resolves to note the report on Current Works.

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 shoulder and table drain maintenance was undertaken on Icely Road north of the North Orange Bypass.

Maintenance grading works were undertaken on gravel roads including:

- Shepherd Road
- Louie Lane
- Lone Pine Avenue (south)

2.1 Current Works

Road Construction

Cemetery internal roads

Construction is continuing on the internal roads at the cemetery with drainage works being finalised ahead of kerb and gutter construction.

Road Rehabilitation

Forest Road at Spring Terrace

Council's contractor is undertaking the upgrading and widening of Forest Road at Spring Terrace between Orchard Road and Kelly Lane. Completed works will include the reconfiguration of the parking outside the Spring Terrace School and provision of additional protection by means of guardrail installation.

Forest Road at Cadia Road

Work has recently been completed with the hot mix asphalt reconstruction of the intersection of Forest Road and Cadia Road. These works form part of the larger reconstruction of Forest Road between the lights at Bloomfield through to Cadia Road.

Traffic Facilities

Orange Public School Anson Street School Crossing

Works have now been completed on the construction of all concrete islands and driveway adjustments into the Moulder Park car parking area. Line marking around the islands will follow shortly.

Roundabout at March Street and McLachlan Streets

Works continue at this intersection with finalisation of concrete pavement works and the tie in with hot mix asphalt to the existing pavement.



Photo: March and McLachlan Street Roundabout as at 28 April 2020

2.1 Current Works

Roundabout at Hill Street, Northern Distributor Road and William Maker Drive

The Hill Street realignment is nearing completion with works soon to move onto the formation of the pavement widening on the Northern Distributor Road.



Photo: Hill street realignment looking back down towards the new Botanic Gardens entrance

Concrete and Drainage

Bike Rack – Sale Street

Bicycle silhouettes and hoops have been installed.

Footpath Construction

New footpath construction continued in Peisley Street.

Footpath Rehabilitation

Rehabilitation in concrete of old hot mix asphalt footpaths was undertaken in Clinton Street between Byng and March Street.

Stormwater Pipe Relining

Stormwater pipes were cleaned of tree roots and re-lined as part of Council's drainage rehabilitation program.

2.1 Current Works



Photo: Pipe re-lining material being fed mechanically into pit for stormwater pipe re-lining

WATER SUPPLY SERVICES

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

Category	July 2018 – June 2019	April 2020
Leaking meters	418	18
Faulty meters (incorrect readings)	148	3
No supply	53	0
Water pressure complaints	32	2
Meter box/lid replacements	52	3
Water quality	38	7
Service break	4	0
Service leak	49	1
Main break	75	4
Main leak	267	16
Valve leak	7	0
Hydrant leak	83	6
Total Water Requests	1226	60

Water Service Renewals

- 16 Tobruk Crescent water service renewal

2.1 Current Works

Construction Works

- Installation of underground power at the Clifton Grove old RFS building
- Renewal of 100m of 100mm water main at James Cook Crescent
- Renewal of 10m of 100mm water main at 17 Park Lane
- Installation of 40mm water service connection at 48 Molong Road.
- Installation of 32mm water service connection at 25 Astill Drive
- Installation of dual water service at 29 Buckland Drive
- Installation of water tanks at the Waste Water Treatment Plant.

Smart Water Meters

Council has commenced works on the smart water metering program with the installation of 252 water meters across the highest water users. The water meter receiver network has been established and network survey has been completed to evaluate the effectiveness of the network against Council underground assets. Installation is expected to commence soon once smart transmitters have been received.

Icely Road Water Main Renewal

Works are expected to commence on the Icely Road water main renewal on 1 June 2020. Council has received material to complete the renewal of the water main. The works will be undertaken along Icely Road from Cox Avenue to Autumn Street and is expected to be completed in September.

SEWER SERVICES

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

Category	July 2018 – June 2019	April 2020
Sewer blockages	429	39
Odour	14	0
Overflows	176	6
Total Sewer Requests	619	45

Sewer Construction Works

- **Sewer Reconstructions:**
 - Council has reconstructed the 225mm sewer main in Nelson Park off Gardiner Road.
 - Reconstruction of sewer connection at 13 Nunkeri Place
 - Blowes Road sewer reconstruction.

2.1 Current Works

- **Relining Program 2019 / 20**

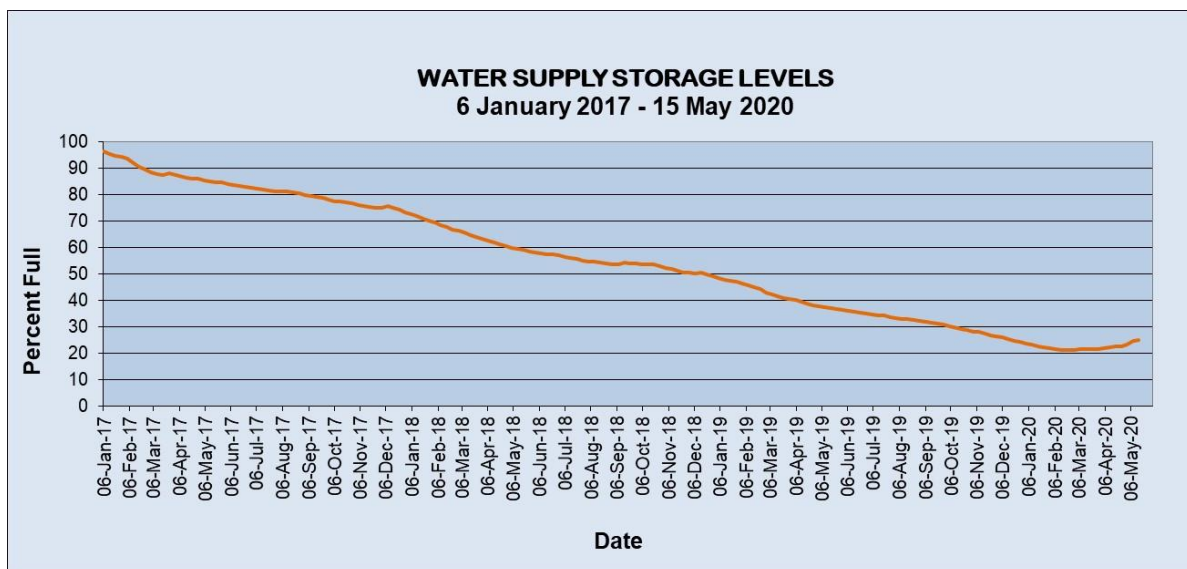
Council's sewer relining program is nearing completion with the completion of the sewer main relining and a team in town currently completing the sealing of sewer junctions. Works are expected to be completed in June 2020. The 2019/2020 sewer renewal contract has seen the renewal of 3295m of 150mm and 100m of 225mm sewer main.

- **Sewer Construction**

- Installation of sewer connection at 1 Hampton Avenue
- Installation of sewer junction at Sophie Drive.

WATER SUPPLY SECURITY**Water Storage Levels**

The combined storage of Suma Park and Spring Creek Dams as at 15 May 2020 is 24.83%. Water storage trends for the combined storages since January 2017 are shown in the graph below.



Location	Level Below Spillway (mm)	% of Capacity
Suma Park Dam	13,754	22.13%
Spring Creek Dam	3,675	36.41%
Lake Canobolas	0	100.00%
Gosling Creek Dam	1,672	55.53%

2.1 Current Works

Supplementary Raw Water Sources

Extractions from the supplementary raw water supplies in recent months are provided in the table below.

Raw Water Source	February 2020 (ML)	March 2020 (ML)	April 2020 (ML)	Total (ML) 2019/2020
Bores*	12.73	10.60	12.41	127.22
Stormwater	44.83	146.17	149.67	635.77
Macquarie River	133.94	303.88	201.93	658.24
Total	191.5	460.65	356.81	1414.03

* Bores include two at Clifton Grove and one at the Showground

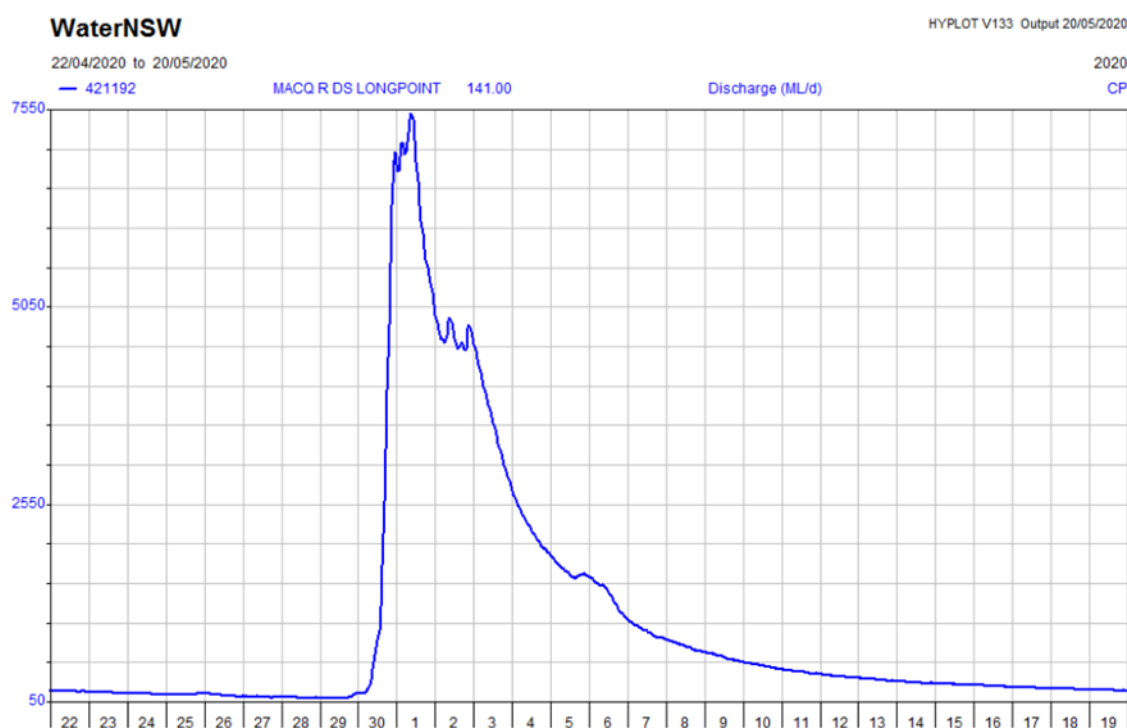
A more detailed monthly summary of raw water transfers can be found on Council's website at <https://www.orange.nsw.gov.au/water/oranges-water-supply/>.

The Decision Support Tool (DST) quarterly review was conducted for the fourth quarter of 2019/20. Continuing dry conditions require all available supplementary raw water sources to be operated.

Macquarie River Flows

The flows in the Macquarie River monitored downstream of Long Point (Station 421192) continued to exceed the temporary flow rate trigger of 38 ML/d for the whole of the period of 22 April to 19 May 2020 and continuing. The minimum flow rate did not fall below 50 ML/day and the maximum flow rate occurred on 1 May at approximately 7,500 ML/day.

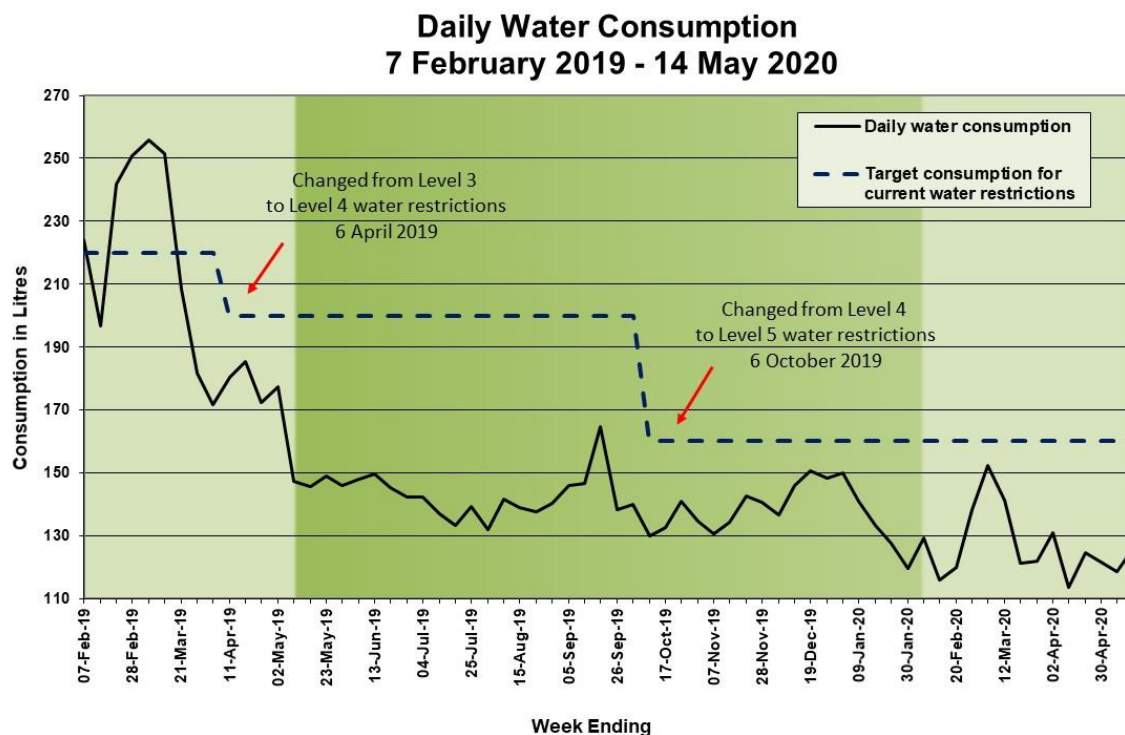
The chart below was sourced from the WaterNSW website with flows presented in megalitres per day (ML/d).



2.1 Current Works

Demand Management*Residential water use*

Average daily residential water consumption during the week ending 14 May 2020 was 126 litres per person per day. The target under Level 5 water restrictions is 160 litres per person per day. The graph below shows the average daily residential water consumption trends since February 2019.

*Total water use*

The average daily city-wide water consumption (all users including Molong) for the period between 17 April to 14 May 2020 was 8.2 ML/day. The average daily supply to Molong was 279kL.

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 a NSW Government National Association of Testing Authorities (NATA) accredited laboratory for analysis. Samples collected in April 2020 complied with the Australian Drinking Water Guidelines health targets.

SHIRALEE CREEK SEWER

The Shiralee sewer is progressing well with approximately 1315m of the 2950m installed. The current completion date for this work is still late August 2020.

2.1 Current Works

SOUTHERN FEEDER ROAD CONSTRUCTION STAGE 2 (SFR2)

Asphalting work is underway on the SFR pavement. It is still hoped that traffic can be placed on the road in late May, however the recent rain and cold weather has impacted upon the works. There has also been some challenges in completing work on Huntley Road which could impact upon the way the project is opened.

Clean up works will however continue into June with full completion expected before July.

SPRING CREEK TO ICELY ROAD WATER TREATMENT PLANT WATER SECURITY PIPELINE

As previously detailed the contractor anticipates site establishment to undertake pipe laying in late May.

One land matter is still outstanding and an alternative route for a small portion of the pipeline is being considered. As initial conversations with the landholder on the alternative route have been positive, no significant delays are anticipated.

Practical completion for this project is still anticipated to be mid-October.

ASTILL DRIVE POUND

The pound is nearing completion with only minor items left to be resolved. It is anticipated the project can be handed over to Council within the next week.

WHITEWAY LIGHTING

Work has commenced on the conduits in Summer Street in the vicinity of the Hotel Canobolas. This, along with the northern side of the street, has some complexities given the large Blackmans Swamp Creek stormwater channel crosses at this location. Next week it is anticipated that work will commence in the Post Office block.

As previously mentioned, the contractor has indicated that the COVID-19 has caused delivery problems with poles and fittings. Pole footings in Anson Street are also being constructed at present.

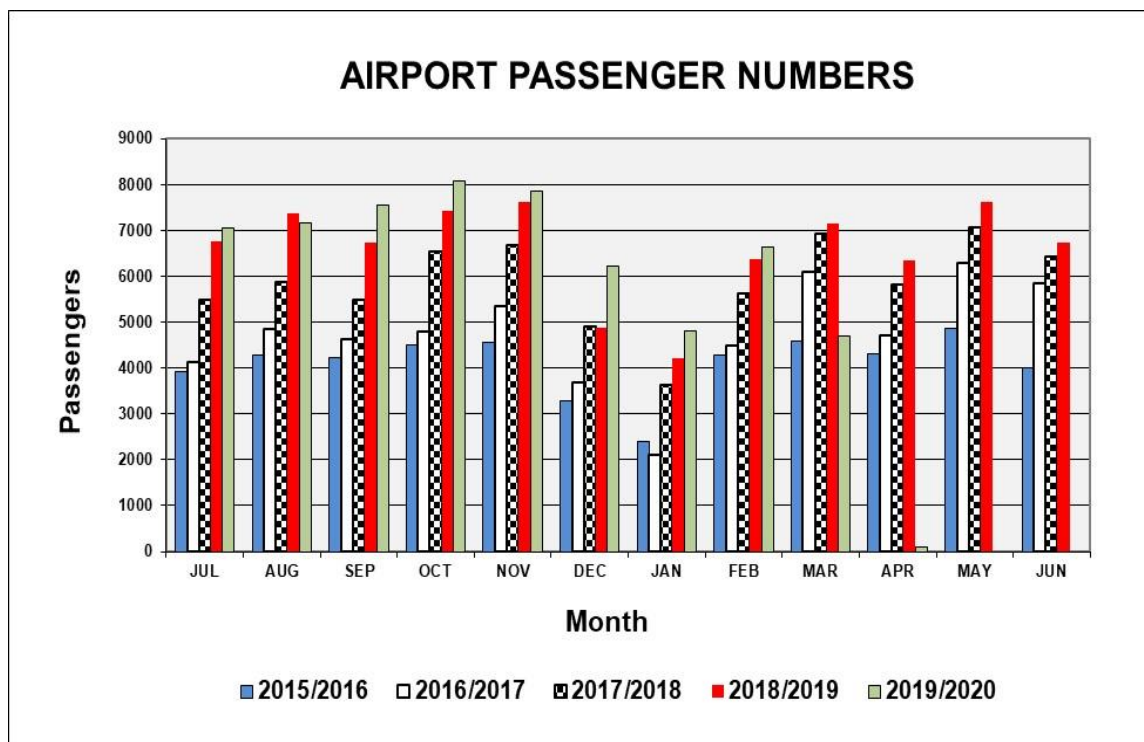
AIRPORT ENERGY USAGE

Energy used at the airport during April 2020 was 16,001.56 kWh at a cost to Council of \$4,150.70.

2.1 Current Works

AIRPORT PASSENGER NUMBERS

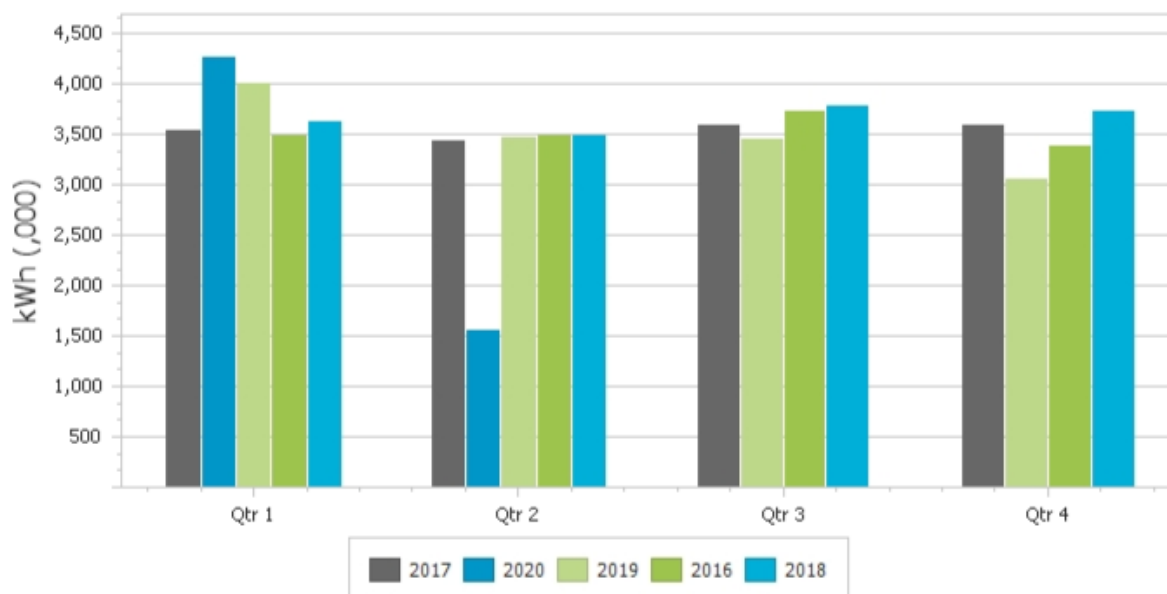
Passenger numbers for April 2020 were 88 compared with 6,340 in the same month in 2019.



ENERGY USE

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

Consumption History



2.1 Current Works

History Last 12 Months

Group	Consumption (kWh)	CO2 Emissions (t)	Bill (Ex GST)
Parks & Gardens	167,125	150	\$55,955
Water	4,155,939	3,740	\$926,421
Public Buildings & Facilities	3,143,800	2,829	\$719,613
Lighting	2,734,674	2,461	\$1,074,537
Other	482,080	434	\$133,507
Sewer	3,541,127	3,187	\$716,276
Macquarie Pipeline	1,809,174	1,628	\$368,337
Ungrouped	0	0	\$0
RFS	387,684	349	\$141,007
Total	16,421,603	14,779	\$4,135,653

Tuesday 19 May 2020