



SOUTHERN DOWNS REGIONAL COUNCIL MEETING OF INFRASTRUCTURE AND EXECUTIVE COMMITTEE

In accordance with Section 277E of the Local Government Regulation 2012 it is not practicable for the public to attend the meeting because of health and safety reasons associated with the public health emergency involving COVID-19.

The meeting will therefore be closed to the public, with only Councillors and staff essential for the functioning of the meeting in attendance. Consistent with Council's legislative responsibilities, the minutes of Council's meeting will be made available for inspection by the public on its website.

Dear Councillors

Your attendance is hereby requested at the Meeting of Infrastructure and Executive Committee to be held in the Warwick Town Hall, Palmerin Street, Warwick on Tuesday, 14 July 2020 at 9:00AM.

Notice is hereby given of the business to be transacted at the meeting.

Jane Stroud
Acting Chief Executive Officer

9 July 2020

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ACKNOWLEDGEMENT TO COUNTRY

1. ATTENDANCE

Councillors: Cr Bartley (Chair), Pennisi, Gale, Gow, Gliori, McDonald, McNally, Tancred and Windle

Officers: Jane Stroud (Acting Chief Executive Officer), Seren McKenzie (Director Infrastructure Services), Craig Magnussem (Acting Director Sustainable Development), Joanne Morris (Director Corporate and Community Services), Alana Prosser (Minute Secretary)

2. APOLOGIES

3. READING AND CONFIRMATION OF MINUTES OF PREVIOUS COMMITTEE MEETING

4. DECLARATION OF CONFLICT OF INTEREST

5. RECEPTION AND READING OF PETITIONS AND JOINT LETTERS

Nil


6. DEPUTATIONS

Nil

7. PORTFOLIO REPORTS

7.1 Infrastructure Services Portfolio Report

Document Information

 Southern Downs REGIONAL COUNCIL	Report To: Infrastructure and Executive Committee Meeting	
	Reporting Officer:	Meeting Date: 14 July 2020
	Director Infrastructure Services	ECM Function No/s:

Recommendation

THAT Council note the Portfolio highlights as outlined in the Infrastructure Services Report.

Report

The Infrastructure Services Directorate has responsibility for the operational aspects of a range of Councillor Portfolios. These are outlined below, with highlights noted for the period 29 April – 3 July 2020.

Engineering, Infrastructure and Financial Services (Councillor Bartley)

Engineering and Infrastructure

- Portfolio meeting held with Councillor Gale (Transport component), Acting Manager Works and Director Infrastructure Services 15 June 2020. Key matters discussed:
 - Potential to re-establish the community road safety groups in both Stanthorpe and Warwick.
 - Status of the bikeways, footpaths and mobility scooter masterplan that was commenced in 2019, ensuring good linkages between land uses.
 - The CBD 'shared zone' in Warwick and the safety of the area, a future masterplan for the whole precinct is planned and will address these concerns.
 - The consultation process that is being planned by officers from both the Infrastructure Services area and the Sustainable Development area for the Cambanoora Gorge.

Other activities for the month:

Works

- Theo Cantor Park - Men's Shed and Woodworkers – All works completed except for installation of tactiles, ergon connection and occupancy certification from building certifier.
- Works are progressing on the approach connections for the two new pedestrian bridges in Stanthorpe.
- Upper Forest Springs Road Bridge construction is complete with approach works being finalised.
- Upper Forest Springs Road Rehabilitation project has commenced.
- Construction of Bourkes Road Bridge has commenced.
- Link Road to Brunckhorst Avenue. Awaiting final design approval from TMR.
- Freestone Road widening completed, with line marking pending.

- Forest Plain Road widening and rehabilitation is nearing completion.
- Resheeting sections of Goldfields Road and Pikedale Road are complete with street furniture (signage) installation in progress.
- Donnelly's Castle Road rehabilitation is in progress. Completion is anticipated late July 2020.
- Lock Street, Stanthorpe kerb and channel (western end) due for commencement mid-July.
- Connolly Dam Road project continuing, due for completion end July.
- February 2020 flood event. Council staff have met with Qld Reconstruction Authority (QRA) to commence the Recovery process. Emergent works are finished and Council is awaiting approval on the first claim. The longer term works for culverts and structures is still being assessed. Further roads packages are in the process of being submitted to QRA in line with funding requirements.
- Guy Street footpath complete.
- Mitchner Shelter – colour selection complete by heritage consultant and works are proceeding to construct internal slab
- Commencement of design work for 2020/21 proposed projects.

Facilities

- Some refurbishment works at Stanthorpe Visitor Information Centre has been completed.
- Asbestos removal at the Stanthorpe Band Shell is complete. Rectification of sheeting is continuing.
- General maintenance of Council facilities.

Fleet and Workshops

- Delivery of some vehicles and trucks procured from 2019/20 Plant Replacement Program has been delayed due to COVID-19 depleting stock levels and freight delays, with some utilities and trucks not being delivered until August/September 2020.
- The 2019/20 plant and equipment stocktake has been completed.

Parks & Open Space, Transport and Information Technology (Councillor Gale)

Transport

- Portfolio meeting held with Councillor Bartley (Engineering component), Acting Manager Works and Director Infrastructure Services 15 June 2020. Key matters discussed:
 - Potential to re-establish the community road safety groups in both Stanthorpe and Warwick.
 - Status of the bikeways, footpaths and mobility scooter masterplan that was commenced in 2019, ensuring good linkages between the land uses.
 - The CBD 'shared zone' in Warwick and the safety of the area, a future masterplan for the whole precinct is planned and will address these concerns.
 - The consultation process that is being planned by officers from both the Infrastructure Services area and the Sustainable Development area for the Cambanoora Gorge.

Other activities for the month:

- A Traffic Advisory Committee and Speed Management Advisory Committee meeting was deferred due to COVID-19 restrictions. Updates were given via email and it was determined there were no new urgent items for discussion.

Parks and Open Space

- Portfolio meeting held with Councillor Windle (Towns and Villages component), Manager Parks and Operations, Parks Supervisor and Director Infrastructure Services 15 June 2020. Key matters discussed:

- Maryvale Park Masterplan. Consultants presented an initial draft of the masterplan, discussed proposed staging options and received feedback.
- Stanthorpe Botanical Gardens. Presentation from consultants on final draft which has already gone through various iterations.
- A brief discussion was held on historical monuments including locations and costs of moving and/or restoring them.

Other activities for the month:

Cemeteries

- Cemeteries facilitated twenty six (26) services for the month of June. Breakdown below:

	Lawn	The Grove	Monumental	Vault Transfer
Warwick	5	2	2	
Stanthorpe	3		1	3
Eden Gardens	2			
Allora	3			

	Laurel Grove	Grave/Vault
Warwick	1	
Stanthorpe		4

- Stanthorpe Burial Wall – Landscaping and final concrete works near complete. Fourteen (14) vaults are available out of 180 constructed. Two (2) out of three (3) vault transfers are complete.
- Stanthorpe Baby Section – Gardens are being prepared for planting.
- Warwick Burial Wall – Landscaping commenced, with new turf to be laid in spring.
- The restriction on attendance at funerals has increased to 100 which includes a minister and two (2) funeral directors, with exemptions for extra mourners to be requested from the State Government.

Parks

- Leslie Park War Memorial cannons and memorial plaques restoration is complete.
- General maintenance including brush cutting of traffic islands and tree trimming and removal of dangerous trees.

Water, Tourism, Audit and Risk Management (Councillor Tancred)

Water

- Portfolio meetings held with Manager Water and Director Infrastructure Services 29 May and 1 July 2020. Key matters discussed:
 - Councillor attending a number of visits to water and sewerage sites
 - The Warwick recycled water process including Expression of Interest process to be undertaken and status of the two stages of the project.
 - Other major projects such as pump station upgrades, Leslie dam pump replacements and feasibility study for Stanthorpe Sewerage Treatment Plant.
 - Operational Plan objectives for 2020/21, including development of a maintenance plan for water and sewer so the business is more proactive, and the renewal of the Drought Management Plan.
 - Community consultation opportunities were discussed for potential 2020/21 projects.
 - Existing policies which are due for renewal, and the need for some new policies.

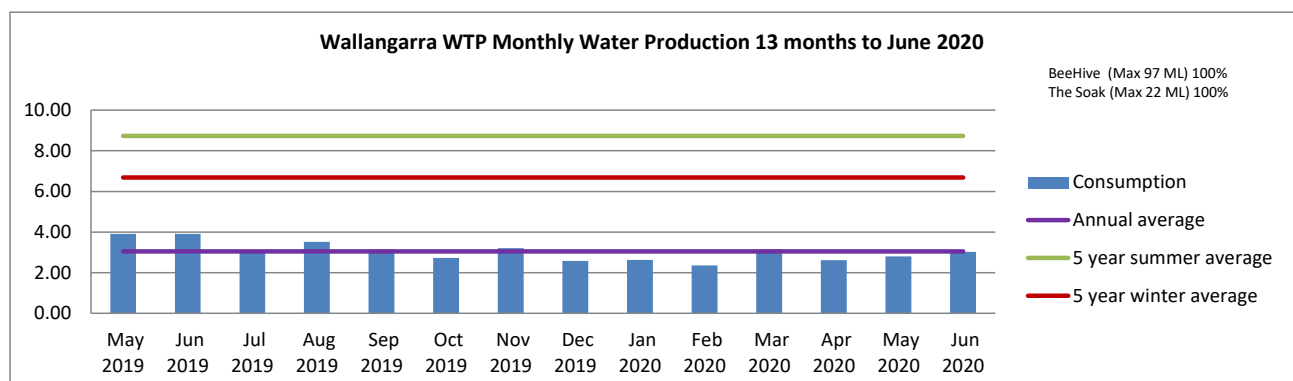
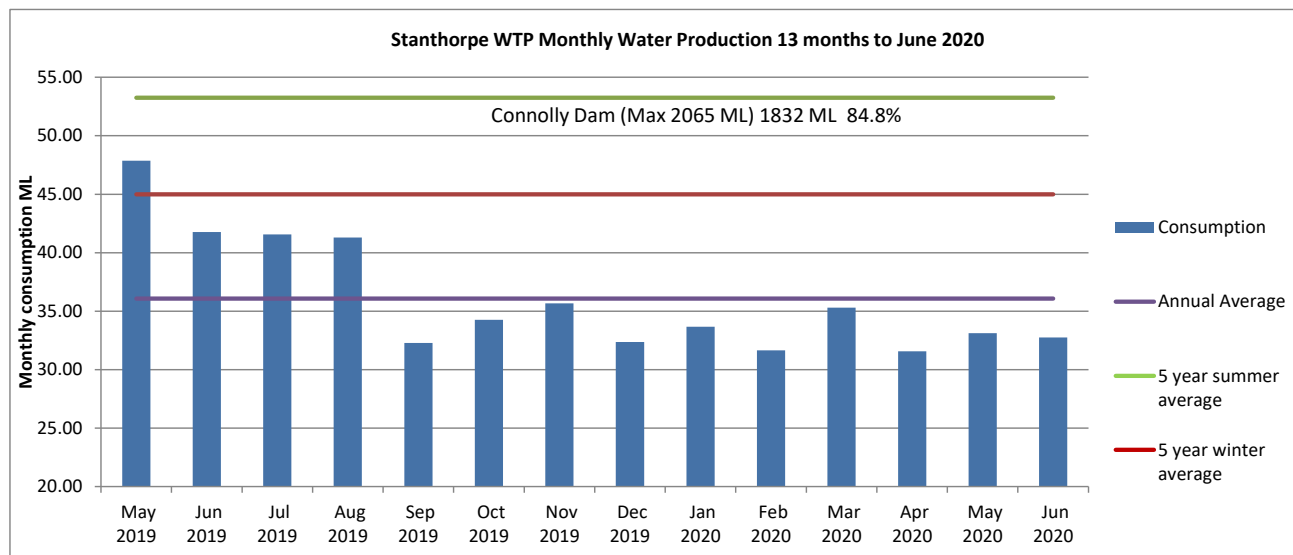
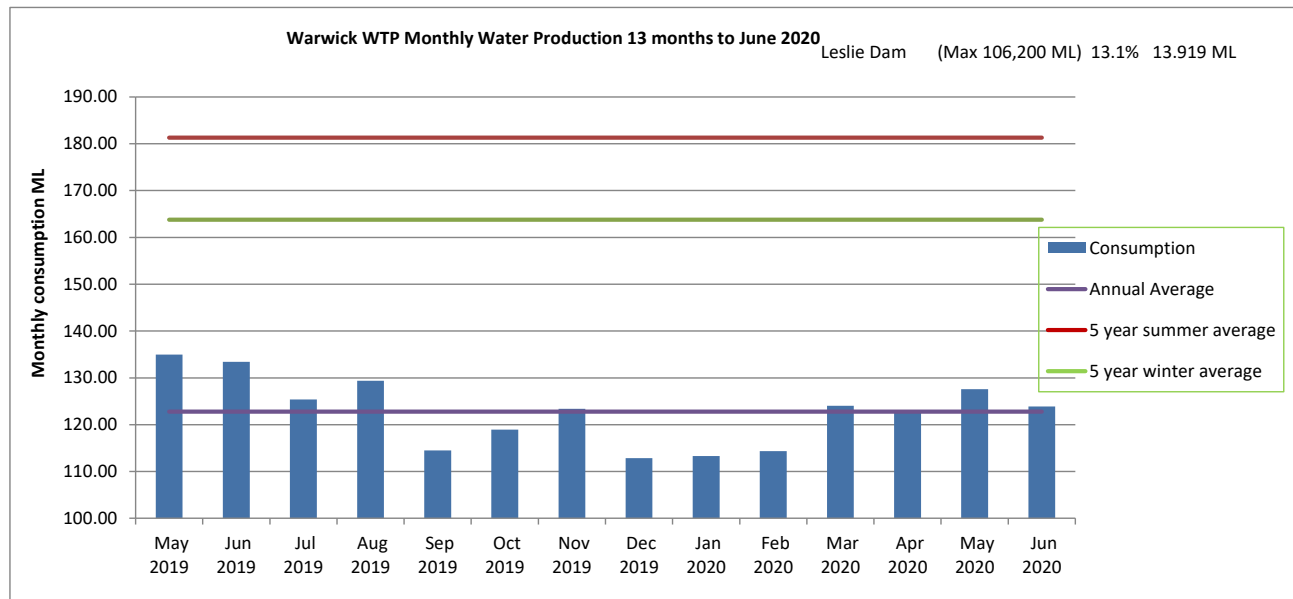
Other activities for the month:

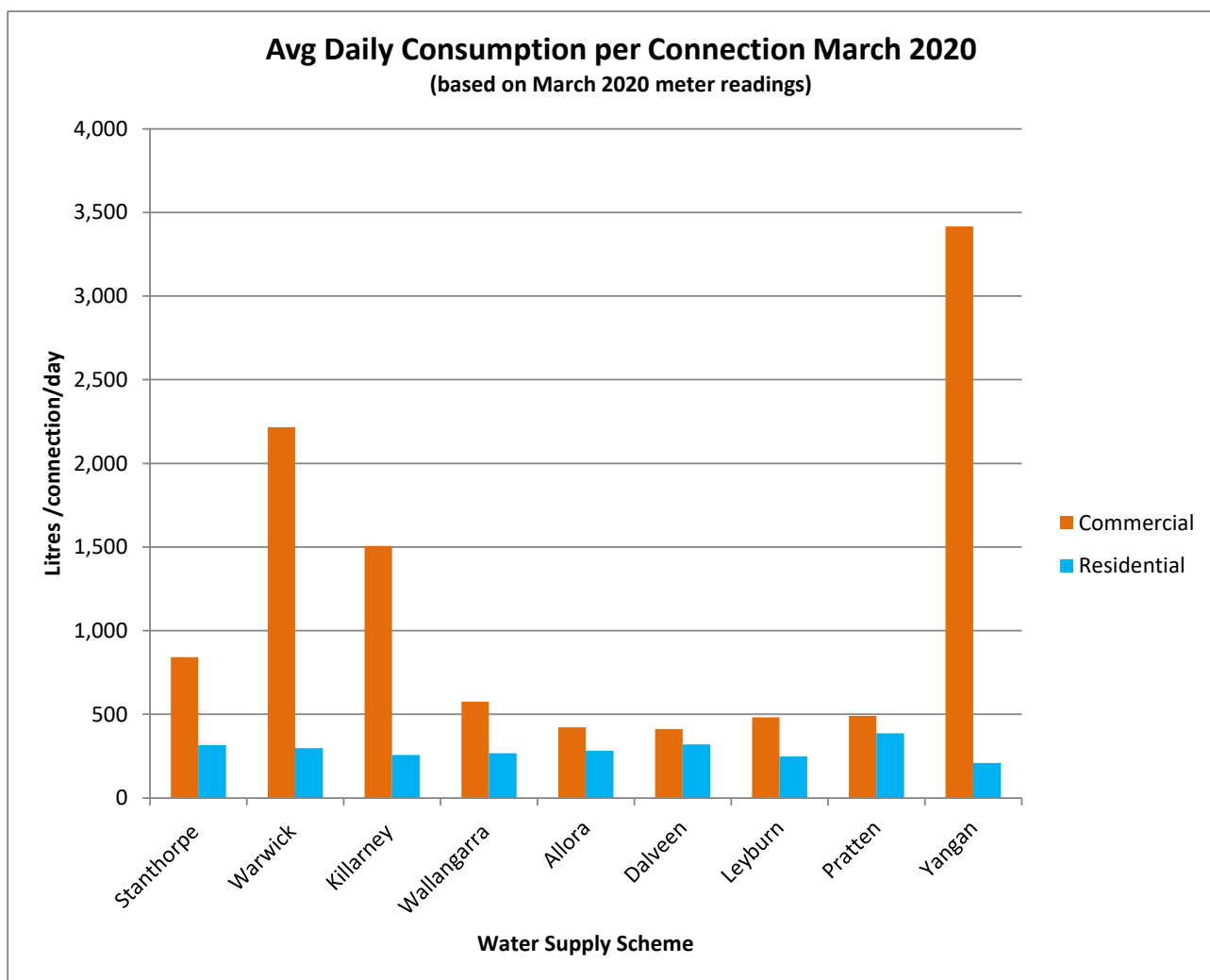
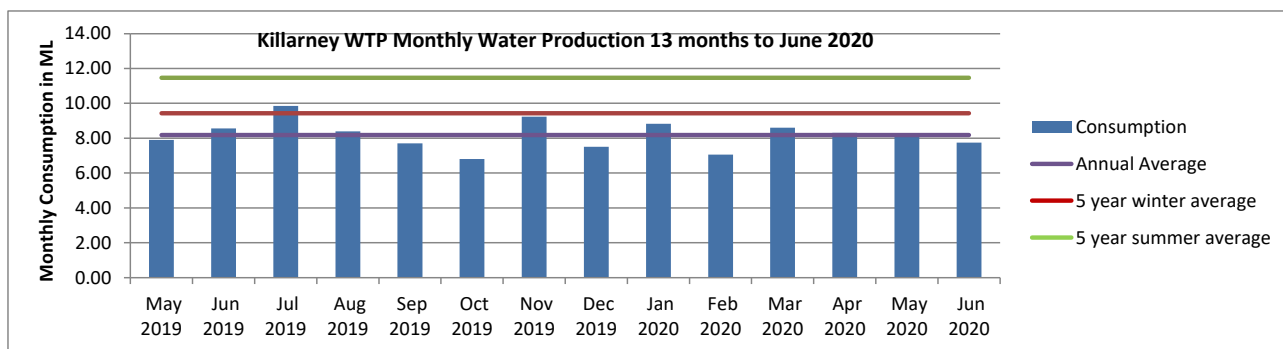
- Construction of recycle water main extension (Stage 1, Warwick) is progressing well. Reservoir and booster pump station construction will commence in July.
- Investigation to identify new bore sites in Warwick for future backup supply is now underway. Council may proceed with exploratory drilling if promising sites are identified.
- Stage 2 recycled water main construction tender to be awarded.
- Water Meters Replacement Programme for FY 2019/20 completed. This project delivered replacement of 288 meters in Allora including relocation of several meters.
- Dalveen reservoir and pipework replacement tender is also currently out to tender.
- Ongoing meetings between State Government and Council regarding the proposed water pipeline from Toowoomba to Warwick. A workshop run by the State Government was also held in which Councillors discussed the proposed pipeline as well as various other water security options.
- Meeting held between Toowoomba Regional Council and Southern Downs Regional Council with Mayor and portfolio Councillor, as well as A/CEO and other senior staff regarding the proposed water pipeline.
- A site visit was held in June to view the proposed Emu Swamp Dam site, with the proponents showing Councillors and senior staff the site and discussing the project.

Dam Levels

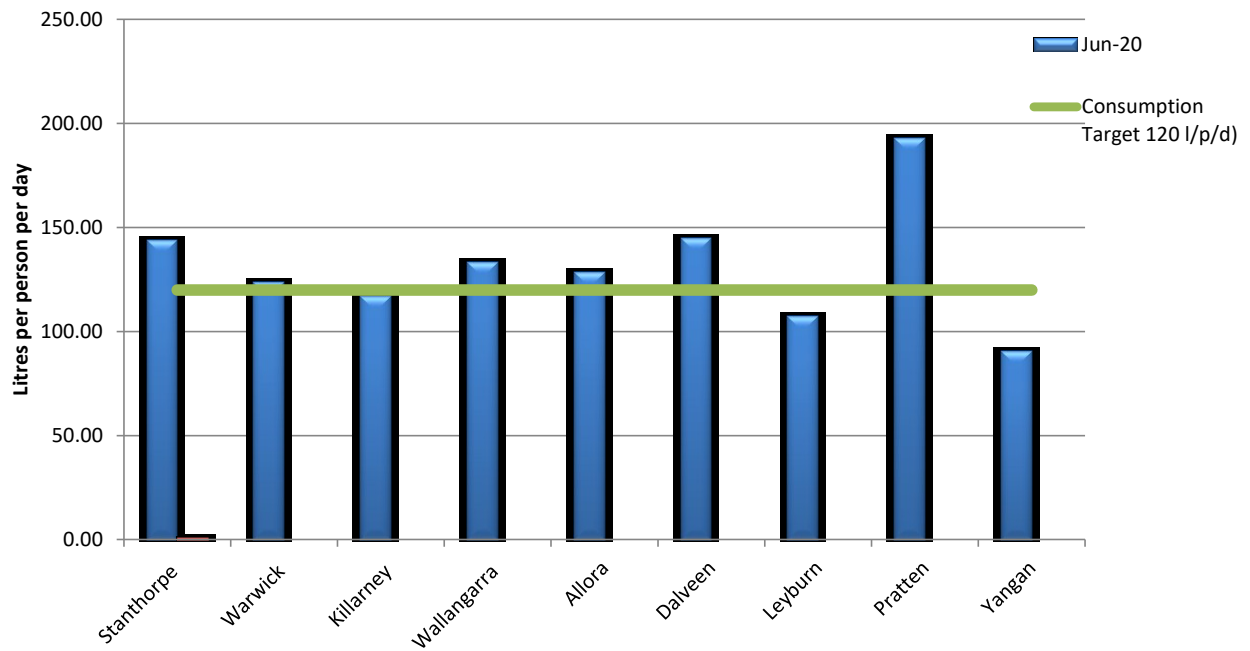
Water Supply Levels and monthly raw water inflow to the treatment plants at the end of June 2020											
Remaining Supply is based on no rain & current monthly abstraction for dams.											
	Water Scheme	Supply Source/s	Supply Capacity (ML/Yr) unless specified otherwise				Demand (ML)			Remaining Supply Mths*	Remarks
			Maximum	Dam % Full	Quantity	Available	Annual	Monthly	Daily		
1	Warwick	Leslie Dam	106,250	13.10%	13,919	12,039	1492.44	124.37	4.15	28 (inc evap)	
2	Stanthorpe	Storm King Dam (SKD)	2,065	17.50%	362	162		0.00	0.00	4 mths (if SKD re-commenced supply at current monthly demand)	No water taken from SKD from 13 Jan 2020
		Connolly Dam	2,157	84.80%	1,837	1,787	411.84	34.32	1.14	23.0	Supply from Connolly Dam (full carting commenced 13 January 2020)
3	Killarney	Spring Creek Weir & OSS	70	100.00%	300	300	107.76	8.98	0.30	7mths OSS or 18 mths from weir	Supply alternates between weir and OSS depending on river flow. Depletion based on allocation.
4	Wallangarra	Beehive Dam	97	100.00%	97	119	44.29	3.69	0.12	24 mths (estimate)	
		The Soak	22	100.00%	22						Using The Soak
6	Dalveen	Bore/s	30	N/A	30	30	8.72	0.73	0.02	41.3	Based on annual allocation divided by monthly demand
7	Leyburn	Bore/s	30	N/A	30	30	13.43	1.12	0.04	26.8	Based on annual allocation divided by monthly demand
8	Pratten	Bore/s	30	N/A	30	30	11.02	0.92	0.03	32.7	Based on annual allocation divided by monthly demand
Leslie Dam (SunWater) Agreement to hold bottom 14% (14,960 ML) for SDRC. Contract for supply of 3,207 ML/yr											
Note!	*Wallangarra Dam supplies do not account for evaporation. No modelling available for dams										

Monthly Water Consumption Graphs





Residential Water Consumption Comparison (March 2020 meter readings)



Agriculture, Corporate and Commercial Service (Councillor McDonald)

Agriculture

- No portfolio meeting has been held regarding drought co-ordination, however a meeting is scheduled for early July.

Other activities for the month:

- Contacted local charity representatives, support agencies and State government representatives, very positive response was received that Council was to continue to provide a point of contact for those affected by drought.
- Ongoing support with a number of local primary producers via email updates following initial phone contact.
- Contact has been made with four local charities groups providing water to both discuss their needs and identify opportunities for collaboration
- Participation in the Inter-agency meeting (neighbouring Councils and agency representatives) to exchange ideas and share learnings. Focus was on drought and COVID issues.
- Weekly email distributed to landholder list as well as to local charities providing water – this includes links to general information, useful websites, webinars and podcasts. This is grouped under the following headings:
 - Climate outlook
 - Financial assistance
 - Mental health and well being
 - Caring for your land
 - Caring for your animals
- Regular updates on the SDRC website – Drought Assistance. Page has been reformatted to provide easier navigation and additional information for those affected by drought
- Provision of support to individual primary producers to complete and submit drought assistance application forms
- Provided input into the Water and Drought section of the COVID-19 Agency and Community Support guide


Attachments

Nil

8. EXECUTIVE SERVICES REPORTS

8.1 Quarterly People and Culture Report

Document Information

 Southern Downs REGIONAL COUNCIL	Report To: Infrastructure and Executive Committee Meeting	
	Reporting Officer:	Meeting Date: 14 July 2020
	Manager People and Culture	ECM Function No/s:

Recommendation

THAT Council receive the Quarterly People and Culture Report and note the contents.

Report

The purpose of this report is to provide Council with a summary of employee statistics for the April to June 2020 quarter.

WORKFORCE DEMOGRAPHICS

As at 30 June 2020 Council's overall Full Time Equivalent ("FTE") workforce, which includes permanent, temporary and casual positions, was 369.67 (*Figure 1*). A comparison of the FTE from 31 March 2020 shows a decrease of 3.89 FTE positions.

Figures 2 and 3 detail the FTE breakdown per Directorate by employment type and the position FTE from the previous quarter.

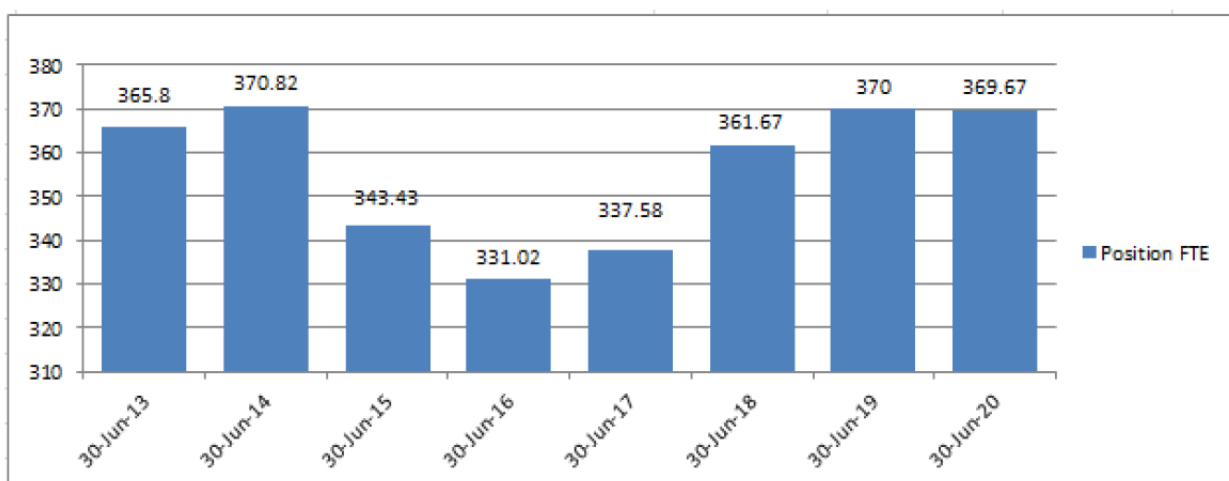


Figure 1: Total Number of Positions (FTE - Full Time Equivalent) – End of Financial Year and Current FTE

Full Time Equivalent Positions (FTE) as at 30 June 2020				
Activity Area	Perm	Temp	Casual	Total FTE
Executive Services	12.90	1.50	0.00	14.40
Corporate and Community Services	77.79	2.00	11.16	90.95
Infrastructure Services	209.60	4.00	0.08	213.68
Sustainable Development	46.38	4.26	0.00	50.64
Total	346.67	11.76	11.24	369.67

**Please note that overall FTE figures may be impacted by short term temporary and casual engagements*

FTE totals for Last Quarter (Jan – Mar 2020)	344.67	15.26	13.63	373.56
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Figure 2: Total Number of Positions (FTE) per Department and employment type as at 30 June 2020

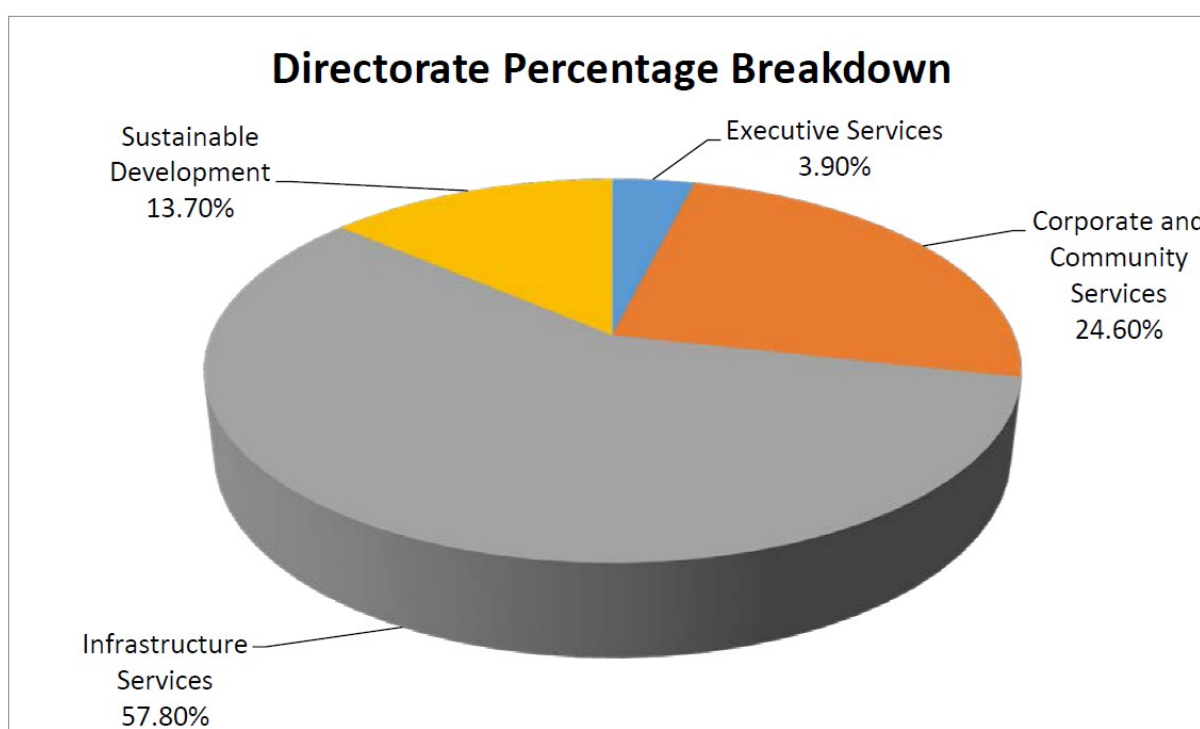


Figure 3: % Position (FTE) distribution in each Directorate as at 30 June 2020

The majority of staff are employed permanently, with 6.2% employed in a short term or casual capacity where business needs arise (*Figure 4*).

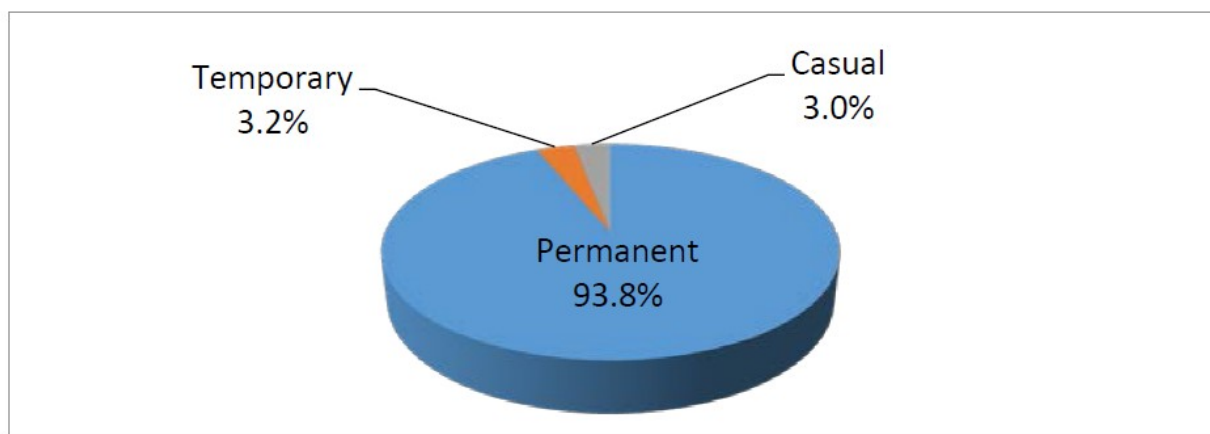


Figure 4: Employment Type Percentage Breakdown

SEPARATIONS

Council's annual rate of separation has decreased from 11.3% as at 31 March 2020 (last quarter) to 9.7% at the end of the current quarter (*Figure 5*). Employees who depart Council are offered the opportunity to participate in an Exit Interview.

Annual Separation Rate	
Staff exiting the organisation	9.7%

Figure 5: Annual Separation Rate to 30 June 2020

(inclusive of staff resigning who were employed permanently or left before the end of a temporary engagement)

TRAINING AND DEVELOPMENT

This section provides the number of formal training and development attendances supported by Council across the quarter. The number of staff receiving formal training was reduced markedly through this quarter due to the impact of COVID-19 minimisation measures. The data in this section does not include Elected Member training and development (*Figure 6*).

Learning & Development			
Professional Development	Safety	Skills	Total
14	0	2	29

Figure 6: Number of Staff Formal Training and Development Attendances Supported by Council – April to June 2020

Across the quarter, Council also supported 26 staff who were undertaking certificate studies or higher. (*Figure 7*)

Current Staff Supported Studies	
Course	Number
Certificate III in Business Administration	1
Certificate III in Instrumentation and Control	1
Certificate III in Parks and Gardens	4
Certificate III in Plumbing	1
Certificate III in Mobile Plant Technology	3
Certificate II in Civil Construction	1
Certificate IV in Civil Supervision	1
Bachelor of Spatial Science Technology (GIS)	1
Associate Degree of Spatial Science	1
Professional Education in Acoustics	1
Master of Business Administration	3
Certificate IV in Accounting	1
Certificate IV in Bookkeeping	1
Master of Engineering Practice	1
Master of Information Studies	1
Diploma of Civil Construction Management	1
Master of Integrated Water Management	1
Graduate Certificate in Emergency and Disaster Management	1
Certificate IV in Water Industry Treatment	1
	26

Figure 7: Number of Staff Undertaking Council Supported Studies of at least Certificate Level – April to June 2020

WORK HEALTH AND SAFETY

Council has a statutory obligation to have in place appropriate arrangements to record accidents, incidents and near misses.

Figure 8 provides statistical information on the overall number of incidents, injuries and near hits reported for Quarter 4 (April to June) of the 19/20 financial year. The total number of 41 incident reports received is similar to the previous quarter of 42 reported incidents, injuries and near hit reports received, and continues to demonstrate no increase in reporting.

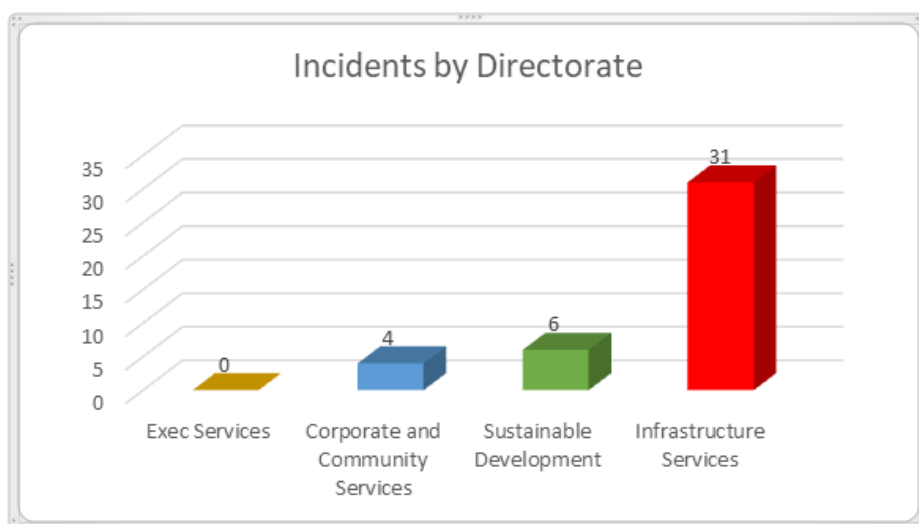
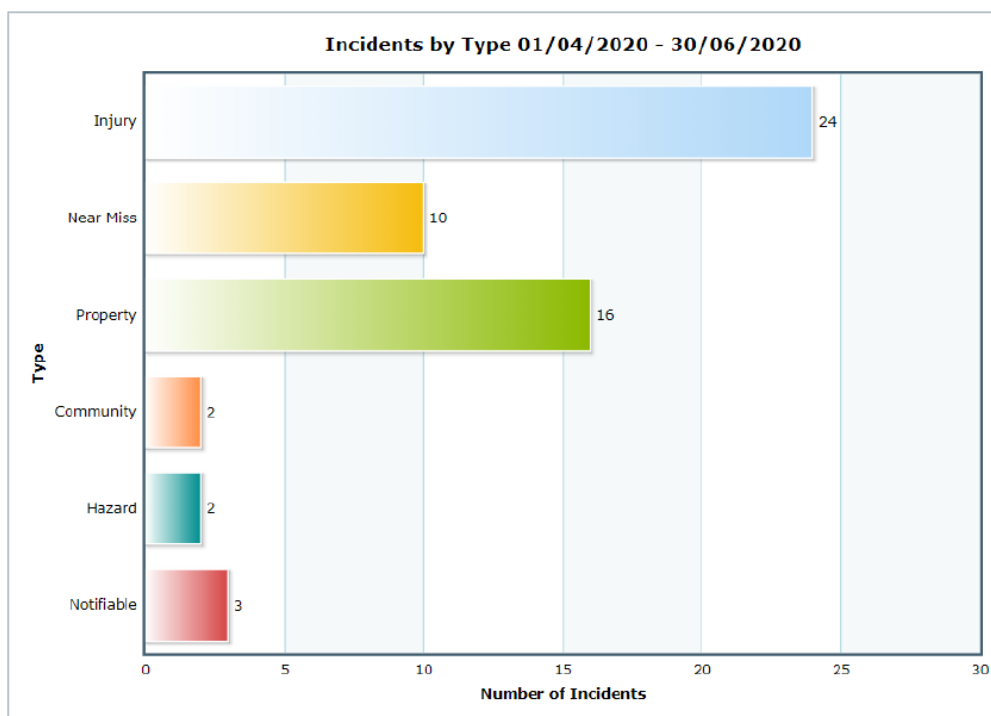


Figure 8: All Incidents, injuries and near hits reported (by Directorate) for Quarter 4 - 19/20 financial year

Figure 9 provides a breakdown of the type of incidents, injuries and near hits reported throughout the period. For this Quarter, 3 incidents were Notifiable to Workplace Health & Safety Queensland.



Incidents by Type 01/04/2020 - 30/06/2020

Figure 9: All Incidents by type for Quarter 4 – 19/20 financial year

Figure 10 highlights the cost of approved workers' compensation claims for the fourth quarter (April to June) compared with the same quarter of the 18/19 financial year. The total cost of approved claims for the period was \$7,818. This cost represents a decrease of \$10,644 from the third quarter (\$18,462), and an increase from the equivalent quarter of the 18/19 financial year (\$4,779). The decrease since last quarter in cost is due to a number of employees being able to return to full duties or suitable duties and also the closure of some claims.

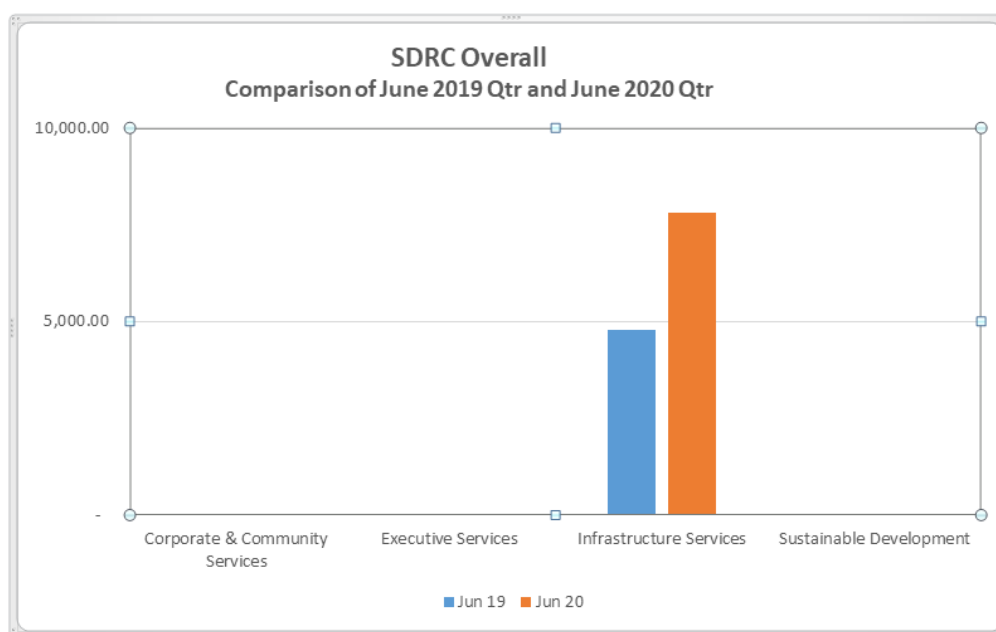


Figure 10: Cost of lost time injury claims – April - June 19/20 financial year v April - June 19/20 financial year

Contractor Induction Completions

During the fourth quarter, a total of 136 contractor inductions were completed.

Coronavirus (COVID-19)

To ensure the health and safety of Council staff, each area has put measures in place to reduce the risk of exposure.

There are a number of employees who continue to work from home. Each department is working managing their operational needs and negotiating with staff in relation to returning to work. Those working from Council buildings have been relocated to ensure appropriate social distancing is achieved. Field staff have been allocated to specific work groups and required to adhere to social distancing requirements.

The Stanthorpe Fitness Centre, Council Libraries and Customer Service Centres have reopened to the public.

Council will continue to review and consider working arrangements to ensure the continued health and safety of employees and the community during COVID-19.

Budget Implications

Nil

Policy Consideration

The provision of employee statistics allows Council to manage its workforce which contributes directly to the achievement of Community, Corporate and Operational Plans.

Community Engagement

Internal Consultation

Nil

External Consultation

Nil

Legislation/Local Law

Queensland Local Government Industry Award - State 2017

Southern Downs Regional Council Certified Agreement 2018 - Operational Employees

Southern Downs Regional Council Determination 2019 - Stream A Employees.

Work Health and Safety Act 2011


Attachments

Nil

9. INFRASTRUCTURE SERVICES REPORTS

9.1 Water Contingency Plan

Document Information

 Southern Downs REGIONAL COUNCIL	Report To: Infrastructure and Executive Committee Meeting	
	Reporting Officer:	Meeting Date: 14 July 2020
	Director Infrastructure Services	ECM Function No/s: 31.112

Recommendation

THAT Council receive the Southern Downs Water Contingency Plan.

Report

Southern Downs Regional Council is continuing to explore all opportunities to ensure that there is a supply of drinking water to its residents and businesses. Whilst Warwick received rainfall in January and February extending the supply in Leslie Dam, Storm King Dam did not receive notable inflow, and the full carting of water from Connolly Dam which commenced mid-January will continue until at least 6 months' supply of water is available in Storm King Dam. Connolly Dam also received good inflow with enough water in the dam for carting to Stanthorpe through the 2020/21 wet season.

Council is working with key stakeholders from the State Government, other local government authorities, the community and businesses to undertake actions that ensure that drinking water remains available.

Council continues to work with the State Government on a number of options to improve water security for the region. One of these options is the water pipeline project from Toowoomba to Warwick to connect Warwick into the South East Queensland Water Grid. Options and costings of this project are currently being identified by the State Government, who remains the lead agency overseeing the whole project with input from both Toowoomba Regional Council and Southern Downs Regional Council.

Council has been advised the grant funding application for the raising of Storm King Dam wall was not successful on this occasion.

The attached Water Contingency Plan provides an overview of the contingency actions that are being considered and implemented at present.

Budget Implications

Budget implications will be assessed on a monthly and quarterly basis.

Policy Consideration

Water and Wastewater Customer Service Standards 2020

Community Engagement

Internal Consultation

Nil

External Consultation

Nil

Legislation/Local Law

Water Supply (Safety and Reliability) Act 2008

Attachments

1. Southern Downs Water Contingency Plan [↓](#)

Southern Downs Water Contingency Plan

Southern Downs Regional Council is exploring all opportunities to ensure that there is a supply of drinking water to its residents and businesses. Based on current use, Leslie Dam has approximately 29 months remaining supply of water for Warwick. Connolly Dam also has enough water in the dam for carting to Stanthorpe for about 23 months. Storm King Dam remains offline due to low levels. Trucking commenced full time for water supply to Stanthorpe in mid-January. Current water demand from Stanthorpe remains at around 1.1 Megalitres per day.

Southern Downs Regional Council continues to work with key stakeholders from the State Government, other local government authorities, the community and businesses to undertake actions that ensure that drinking water remains available.

The State Government and Council are working together closely to determine appropriate water security options for the short term, medium term and long term.

In light of current circumstances and to give residents confidence that they have access to sufficient quantities of water to protect themselves against COVID-19 through good hygiene practices, Council relaxed water restrictions to 120 litres per person per day as of 18 March 2020.

The following is an overview of the contingency actions that are being considered and implemented at present.

Stanthorpe

Short term

- Use of the water supply in Storm King Dam for the supply of water in Stanthorpe ceased on 13 January 2020. From this date, raw water has been carted from Connolly Dam and treated at the Mount Marlay water treatment plant to supply Stanthorpe area.
- The average resident in Stanthorpe is using 144 litres per person per day; the current restrictions have a target of 120 litres per person per day.
- Raw water is being transported to the tanks at Storm King Dam from Connolly Dam via standpipes at Rosenthal Road near the raw water pipeline. No water is being used from Storm King Dam.
- Water remains in Storm King Dam as a contingency for emergency events and to provide a habitat for aquatic life. Based on current usage and subject to water quality, Storm King Dam would reach its minimum operating level in 3 months if water for Stanthorpe was being sourced from the dam.
- Water restrictions are currently at extreme level, 120 litres per person per day.
- Extreme level water restrictions will be strictly enforced with additional meter readings and enforcement as required.
- At this stage, Council does not intend to cart water from Coolmunda or Glenlyon Dams. These options may be re-opened in the future should the need arise.
- Leak detection repairs have been completed and all detected leaks on public infrastructure continue to be repaired throughout the Stanthorpe reticulated network.

Further work including hydraulic modelling is required to support further leak investigation work.

- De-silting of Storm King Dam (stage 1) is now complete and this work has restored some of the dam storage capacity
- Water restrictions for businesses have been relaxed and Council officers will continue to work with local businesses to promote water conservation as a permanent measure of their business operation.
- Council officers will continue to provide community and school education sessions.
- Council officers will continue to work with accommodation providers in relation to water conservation.
- Officers will continue to identify other potential sources of water.
- Water for road construction and other works is sourced from non-drinking water supplies.
- Work associated with sourcing emergency water supply for Wallangarra is now complete and can be brought online as required.
- The new raw water line from Storm King Dam to the water treatment plant was completed in August 2019.
- Council is seeking to make water tanks or bladders mandatory for all new houses, commercial and industrial developments.
- Investigation work to feed water from Leslie Dam to water fill station site is now complete and work associated with valves operation can be commenced at short notice if required.

Medium Term

- Issues associated with recycled water that is currently supplied to the effluent users to be finalised, so as water may be used for other purposes.
- Council will soon enter in to a mediation process to negotiate the terms of revised recycled effluent use agreement.
- The quality of the recycled water to allow other applications such as road construction and watering of parks is now complete.
- Funding submission for raising the Storm King Dam wall was unsuccessful. Council will continue to seek funding opportunities for this work
- Planning and investigations to commence in relation to establishing a pipeline from Connolly Dam and Storm King Dam in the long term.
- Planning and investigations to commence in relation to the upgrade or relocation of the Stanthorpe Sewerage Treatment facility in the medium term to deliver high quality of recycled water.
- Funding for the feasibility study for Stanthorpe Sewage Treatment plant upgrade was unsuccessful. Council have budgeted the initial stage of feasibility study in next year's capital works program.
- Permanent water conservation measures to be mandated, including water tank rebates where applicable.
- Additional water allocations to be identified and further investigated, such as Bookookoorara Creek.
- Option of water from Mole Creek in NSW is currently being further investigated with the State government.

Long term

- Subject to the planning and investigations seek funding for;
 - Increasing the capacity of Storm King Dam
 - Relocating or upgrading the Stanthorpe Sewerage Treatment Plant
 - Establishing a connection between Storm King Dam and Connolly Dam
 - Upgrading of the recycled water facility to improve standard of the recycled water.
- Support the establishment of Emu Swamp Dam as an irrigation project and determine any opportunities that may exist for Council as part of the project.
- Further investigate the opportunities for sourcing water from the Clarence River in a consortium with Toowoomba Regional Council, Western Downs Regional Council and Tenterfield Shire Council.
- Retain permanent water conservation measures.

Warwick

Short Term

- With rain received in February, and based on current consumption levels, the water supplies in Leslie and Connolly Dam are forecasted to be exhausted by December 2022 and April 2021 respectively, depending on the water quality as the dam levels reduce.
- Warwick, Allora and Yangan are all currently serviced by the Warwick Water Treatment Plant.
- The average resident in Warwick is using 124 litres per person per day, the current restrictions have a target of 120 litres per person per day.
- The testing and cleaning of the Allora bores is now complete. There is a current allocation at Allora of around 670ML as there is carry over from the previous year allocation.
- Testing of all Council bores in the region has been undertaken with Allora bores likely to be the only bores which will yield adequate water.
- There may also be an opportunity to use Allora bore water to supplement the Warwick supply by sending it back through the existing pipeline to the Warwick Water Treatment Plant.
- Design of treatment plant at Allora and pipeline reversal to supply water from Allora to Warwick is now complete and is shovel ready for future use.
- Council will continue to identify new bore sites in Warwick for future backup supply and may proceed with exploratory drilling if promising sites are identified.
- Separate Allora from the Warwick system thereby saving up to 5 ML per month that can be put back into the Warwick system.
- Leak detection has been completed in the Warwick reticulated system.
- Extreme Water Restrictions will be enforced with additional meter readings and enforcement as required.
- Deliver the new infrastructure identified in the funding applications in regard to recycled water in the industrial estate and saleyards – construction of the pipeline is well underway.

- The State Government has completed a feasibility study into the piping of water from Toowoomba to Warwick. This study is being led by Seqwater with both Toowoomba Regional Council and Southern Downs Regional Council working closely with Seqwater. Timing of construction has been pushed out due to the urgency lessening following additional storage in Leslie Dam from rainfall early in the year.
- Commence discussions with the Great Artesian Basin Authority in relation to accessing the basin.
- Seek endorsement from DNRME for additional bores to provide stock water.
- Works at Connolly Dam intake tower and tunnel have been reviewed and a more efficient and cost effective option identified. Design work of a bypass system is now underway.
- Considering the viability of additional allocation of water being purchased from SunWater at Leslie Dam.
- State Government Departments to review the application of recycled water or the quality of recycled water to be increased through additional processes.
- Council is currently finalising the scope of work to the recycled water facility.
- Council officers will continue to work with local businesses to improve water conservation.
- Council officers will continue to provide community and school education sessions.
- Council officers will work with accommodation providers in relation to water conservation.
- Council is seeking to make water tanks or bladders mandatory for all new houses, commercial and industrial developments.

Medium Term

- Planning and investigations to commence in relation to establishing a pipeline from Connolly Dam and Storm King Dam in the long term.
- Complete renewal works at Connolly Dam.
- Permanent water conservation measures to be mandated, including water tank rebates where applicable.
- Continue to provide community education in relation to water conservation.
- Planning and investigations to be commenced in relation to accessing water from the Great Artesian Basin.

Long Term

- Create a grid system to distribute water across the municipality.
- Source a connection into the South East Queensland Water Grid or a connection to Toowoomba.
- Establish production bores that have the capacity to drought proof Warwick.
- Increase the quality of and distribution network for the improved use of recycled water for industrial and farming purposes.
- Consider planning for an additional dam in the Elbow Valley region.

The Southern Downs Region

Short Term

- Continue to identify accessible water resources from outside the region for emergency supply.
- Ascertain the capacity of the Soak and the Beehive. Currently there is 18 months water supply is available for Wallangarra and part of Jennings.
- Testing of the bore around the Soak and the Beehive has been undertaken, although it only yields a small supply it will be adequate for Wallangarra supply. This project is now complete and bore supply was tested and commissioned and is now on standby to be utilised as required in future.
- Provide education to businesses and the broader community in relation to water conservation.
- Identify if possible options for the limited supply of water for livestock.
- Consider incentives for the installation of water tanks on rural properties.
- Council resolved to allocate \$1,050,000 towards providing a water tank rebate to rural landowners
- Validate the capacity of bores in areas outside the urban centres (bores managed by Council with a relevant allocation have been tested).
- Explore options in relation to augmented water supplies from Killarney.
- Make water tanks or bladders mandatory for all new houses, commercial and industrial developments.
- Manage the expectations of people living in rural areas seeking water for livestock.

Medium Term

- Formalise a network of bores based on the review of the allocations to Southern Downs Regional Council.
- Ensure all bores are being used effectively.
- Develop a long term strategy for water management in the rural areas.
- Provide incentives to residents and businesses to conserve water.
- Seek additional water allocations for Killarney.
- Develop a cross border project with Tenterfield Shire Council to ensure water security.
- Work with the State Government to ensure water permits are available for emergency water requirements including a new bore field.

Long Term

- Review the strategies that have been developed.
- Work with the rural sector to aim for the highest levels of water efficiency.
- Ensure the sustainability of the water supply for small towns across the region.

10. GENERAL BUSINESS

11. CONSIDERATION OF CONFIDENTIAL BUSINESS ITEMS

Nil