

9 INFRASTRUCTURE SERVICES

9.1 INFRASTRUCTURE SERVICES, CAPITAL WORKS MONTHLY REPORT - JULY 2021

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Attachments:

1. [Capital Works Highlights - July 2021](#) ↓
2. [Capital Works Summary - July 2021](#) ↓

EXECUTIVE SUMMARY

The purpose of this report is to provide an update on capital works projects undertaken by the Infrastructure Services Department during the month of July 2021.

RECOMMENDATION

That Council receives the Infrastructure Services Capital Works Monthly Report for the month of July 2021.

BACKGROUND

Council's Capital Works program is focussed on renewal and upgrade of Council infrastructure to achieve Council's corporate vision of "A growing, confident and sustainable Shire". The program is funded through a combination of Council's own funding and external grants and subsidies.

RISK IMPLICATIONS

Financial

The capital works program is tracking within budget.

Infrastructure and Assets

Projects included in the current capital works program were identified through Council's Project Prioritisation Tool (PPT) which uses a risk-based, multi-criteria approach to rank projects in order of priority. The PPT is aligned with Council's Long-Term Financial Plan and Asset Management sub-plans, which focus of renewal of existing assets.

FINANCIAL AND RESOURCE IMPLICATIONS

Capital

All capital works are listed in and funded by the 2020/21 Capital Works Program.

LINK TO CORPORATE PLAN

Transport and Council Infrastructure: The provision of quality services and infrastructure for our growing community that is planned and managed using sound asset management principles.

IMPLEMENTATION/COMMUNICATION

Nil

Infrastructure Services Capital Works Report Project Highlights - July 2021



Project Name: Speewah Road Pavement Rehabilitation

Program: Rural Roads

Background

Speewah Road provides access to the rural community of Speewah. Due to the growing volumes of traffic, there was a need to undertake pavement rehabilitation works and improvement works to bus facilities on Speewah Road. This project was funded under Phase 1 of the Australian Government's Local Roads and Community Infrastructure Program.

Scope of Works

The scope of works included the rehabilitation and widening of the bitumen formation to create a bus turnaround and the replacement of the existing bus shelter and driveways.

Progress Update

Construction works for this project commenced in early May 2021 and were finalised in late June. Line marking was completed on 22 July 2021 after being rescheduled due to wet weather.

Council is aware of some concerns regarding vehicles parking in the bus turnaround area. Signage has been installed that designates the area as a bus zone and Council has sought assistance from Queensland Police Service for monitoring and enforcement as necessary.



Completed Project

**Infrastructure Services Capital Works Report
Project Highlights - July 2021**



Project Name: Springmount Road Ch 7.55 - Ch 9.0 Rehabilitate and Widen

Program: Rural Roads

Background

Springmount Road is classed as a Local Road of Regional Significance (LRRS) under the Roads and Transport Alliance and upgrade projects are eligible for a maximum of 50% funding from the state-wide Transport and Infrastructure Development Scheme (TIDS).

The widening of the section of Springmount Road between the Walsh River crossing east of Collins Weir Road and Middle Creek Road will provide a safer and more efficient route for the increased volume of traffic in the area.

Scope of Works

The scope of works includes the widening and sealing this section of Springmount Road to 8 metres. Concrete culverts are to be removed and replaced, extended or removed to suit the design. Stankovich Road and Middle Creek Road intersections will also be upgraded.

Progress Update

Works commenced in early July and at the time of reporting, the clearing and grubbing has been completed and 90% of the culvert replacements and extensions have been carried out. In August, works will commence on project drainage and the reshaping of the Stankovich Road intersection. Milling and widening works will commence at the end of August.



Existing culvert extension



Newly installed culvert



Infrastructure Services Capital Works Report Project Highlights - July 2021



Project Name: Bower Road Ch 1.44 - Ch 4.34 Widen Road and Causeway

Program: Rural Roads

Background

Much of Bower Road, Arriga is single lane width bitumen seal and is prone to edge wear and edge drop. The widened road will provide a safer and more efficient route for the increased volume of traffic in the area.

Bower Road is a Local Road of Regional Significance (LRRS) and the project is jointly funded by the Queensland Government through the Transport Infrastructure Development Scheme and Mareeba Shire Council.

Scope of Works

The scope of works included the widening and sealing of Bower Road to 7 metres between the Bower Road intersection and the Stanton Road intersection. The causeway at Ch 3.60km on Bower Road will also be widened to as part of the project.

Progress Update

Works commenced in early July and at the time of reporting all widening from Stanton Road to McBean Road has been completed and is programmed for sealing 5 August. The material that is milled out for the road widening is being used to re-sheet sandy sections of the nearby McBean Road. All table drains have been constructed for the full length of the project and the inlet and outlet of the causeway has been cleared and drained.



Drainage works at causeway site



Completed subgrade between McBean & Stanton Roads



Installation of base gravel in widening



Clearing and the removal of existing shoulder material

Infrastructure Services Capital Works Report Project Highlights - July 2021



Project Name: Solar Power Projects

Program: Works for Queensland 4

Background

Council has installed solar panels and associated infrastructure to nine (9) Council-controlled locations across Mareeba Shire through funding under Works for Queensland:

- Dimbulah Swimming Pool
- Mareeba Swimming Pool
- Cedric Davies Community Hub
- Mareeba Sewage Treatment Plant
- Mareeba Water Treatment Plant
- Centenary Park Booster Pump
- Kuranda Water Treatment Plant
- Kuranda Aquatic Centre
- Granite Creek Pump Station

By installing solar power at these sites, Council will save significant electricity costs by transitioning around 31% of the sites' energy usage to renewable energy, thereby substantially reducing Council's carbon emissions.

Scope of Works

The scope of works include design, supply, installation and commissioning of solar panels at the selected sites.

As part of the Centenary Park Booster Pump Solar Project, several pieces of playground equipment were removed to allow for the installation of a shed structure to house the solar panels. Council has installed a new playground beneath the shed structure and will remove all other play equipment from Centenary Park, except for the Liberty Swing which was relocated under the shed structure and incorporated in the new playground.

Progress Update

All solar installations are complete and in operation.

The installation of the new playground and rubberised soft fall commenced on 27 July and was completed on 31 July. Completion of the concrete pathway surround is programmed for the first week of August and will be followed by the turfing of the surrounds.

The contractor will be returning to site to replace soft fall that was vandalised the evening of 30 July. Following this, the final inspection will be completed, and the playground will be open to the public before the end of August. Once the new playground is operational the existing play equipment will be removed from Centenary Park.

Infrastructure Services Capital Works Report Project Highlights - July 2021



Installation of play equipment



Completed section with damaged soft fall



Completed section of playground



Relocated Liberty Swing

Infrastructure Services Capital Works Report Project Highlights - July 2021



Project Name: Mareeba Pound Upgrade

Program: Community Buildings

Background

The existing Mareeba Pound has serviced the community as both Council's animal impoundment facility and animal refuge. A condition inspection identified that the structure has reached the end of its functional use and a new facility is needed. Funded through the Queensland Government's Works for Queensland Program, the project will provide for a modern facility that meets current standards for health and safety and animal welfare.

Scope of Works

The project provides for the construction of a dual-purpose facility capable of supporting both impoundment requirements of Council and an animal refuge/kennel. The scope of works for the project incorporates construction of a new building to the north of the current pound with associated fencing and roadworks. The existing facilities will be demolished at the completion of the new works.

Progress Update

All works for the new Animal Management Facility are now almost complete. Dog and cat cages and sealing of the carpark and northern access road are complete. Boundary fence installation works are underway and programmed for completion in early to mid-August. Material supply has been an ongoing cause of delays with this project however, all remaining materials for the completion of the project have been sourced and practical completion for the new facility is anticipated by mid-August.

Demolition works of the old facility and caretaker's residence are programmed to commence from 16 August. The project is scheduled for by 30 August 2021.



External Carpark seal complete



Cages complete

Infrastructure Services Capital Works Report Project Highlights - July 2021



Project Name: Cedric Davies Community Hub

Program: Community Buildings

Background

Council is redeveloping the former Mareeba Bowls Club site to provide a new library, community hall, bowls clubhouse and covered bowling green in a combined facility to be named Cedric Davies Community Hub.

Funding has been received under the Queensland Government's Local Government Grants and Subsidies Program and Works for Queensland Program, in addition to the Australian Government's Local Roads and Community Infrastructure Program.

Scope of Works

The scope of works includes modifications to the main building and construction of a new clubhouse and synthetic covered bowling green with the project being delivered over three (3) stages.

The first and second stages of the project involved the design and construction of an improved Bowls Clubhouse Facility and the replacement of one (1) existing lawn green with an undercover synthetic equivalent. This work was completed in late 2020.

The third stage of the project involves the refurbishment of the existing main building to cater for community services and training activities, a space for community events and recreational activities and provide space for a modern multi-faceted library service.

Progress Update

Stage 3 of the project commenced in January 2021, with all works now completed. Works identified to upgrade the water supply to the Fire Hydrant are complete and compliant. The Certificate of Occupation for the use of the building has been received. Further minor cosmetic works will be complete by 6 August 2021. Relocation from the old Library facility will occur from 9 August 2021. The new library will be open to the public from 16 August 2021.



Library Entry Signage



Power and data installed for new PC area in foreground, self-check kiosk for borrowing and quiet reading area in background

Infrastructure Services Capital Works Report Project Highlights - July 2021



Project Name: Chillagoe Water Main Pipeline and Bore Project

Program: Water

Background

The purpose of this project is to support the continuity of water supply and increased pressure required to fight fire-fighting activities for the township of Chillagoe by providing a more reliable raw water supply to the Chillagoe Water Treatment Plant.

These works are part of Council's water strategy to address critical water issues across the Shire over the next 10 years. The project is fully grant funded under the Local Economic Recovery Program, which is jointly funded by the Australian and Queensland governments, and the Australian Government's Local Roads and Community Infrastructure Program.

Scope of Works

A new 4-kilometre 150mm supermain (PVC) pipeline is being installed from the newly established Bore through to Frew Street Chillagoe to service the Chillagoe Water Treatment Plant. The project includes all associated pipe work, electrical, telemetry and new bore connections.

Progress Update

The contractor established on site in mid-July and installed approximately 2.4km of pipeline during the first two (2) weeks of the project.

Works progressing well with the pipeline works expected to be completed in early to mid-August, dependant on the extent of rock encountered during excavation works. Works will then continue with connections to the bore and water treatment plant, SCADA and electrical prior to commissioning. Operation of the new infrastructure will ultimately depend on availability of Ergon to extend their electrical network to the bore site, which expected by the end of the calendar year.



Bore shed, bore head works and pipeline construction

Infrastructure Services Capital Works Report Project Highlights - July 2021



Project Name: Mason Street Sewer Duplication Project

Program: Wastewater

Background

There are several trunk gravity sewerage mains in the Granite Creek Sewer Pump Station (SPS) catchment. The catchment west of Railway Avenue (and James Street) and east of Granite Creek is served by a trunk gravity main that runs along Basalt Gully for most of its length. It has a number of incoming lines that includes the Mason Street gravity sewer main. In recent years, Council has experienced sewage surcharges (overflows) from two (2) maintenance holes on Mason Street gravity sewer main during wet weather events.

This critical project will address the capacity issues with the Mason Street trunk sewer main, which services residents and businesses in the south-western area of Mareeba township. The project is funded under the Local Economic Recovery Program, which is jointly funded by the Australian and Queensland governments, and Mareeba Shire Council.

Scope of Works

A new gravity sewer main is being constructed from the road reserve behind Owens Street through the vacant land and east of Mareeba Cemetery, continuing north along Mason Street to Granite Creek Pump Station. Due to the complexity of the project, the project scope was split in two (2) phases. Phase 1 (current project) comprises the sewer main section south of Rankin Street and will temporarily discharge into the existing trunk sewer main which runs parallel to Basalt Gully, north of Rankin Street. Phase 2 will be undertaken as a future project to continue north and connect to Granite Creek Pump Station.

Progress Update

To date, the project is tracking ahead of schedule and with the section of work at the Pioneer Cemetery now completed, there is approximately 200 metres of sewer main remaining to be installed. This portion runs through the vacant land corridor behind Owens Street and progress will be slower in this section as the contractor will be trenching through some rocky ground, with completion anticipated by early September.



Installation of sewer main under Queensland Rail line near Perkins St

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Project Name: Jum Rum & Jungle Walking Trail

Program: Kuranda Infrastructure Fund

Background

Adjacent to the Kuranda Township, the Jum Rum and Jungle Walking Trails provide tourists and locals with an opportunity to experience the relaxed surrounds of the rainforest. Constructed circa 2000, the trails also now provide connection to the recently constructed Barron Falls Walking Trail.

The project was identified as part of the Kuranda Township Infrastructure Master Plan 2010-2020 (KTIMP10-20) and is funded through levies paid by Skyrail and Kuranda Scenic Rail to the Queensland Government under the Kuranda Infrastructure Program (KIP). This program has afforded Council the opportunity to undertake numerous improvements and enhancements that maintain the character of Kuranda and conserve the natural environment while providing the necessary infrastructure to cater for the needs of increased visitor numbers.

Scope of Works

The scope of works called for the remediation of the asphalt surfaced Jum Rum and Jungle Walk walking trail which were nominally 1200-1500mm wide, built on a 100mm compacted gravel base layer. The trail is edged with recycled plastic board and has sections that include steps, boardwalk and bridge crossings that will restrict machinery access. Whilst the asphalt is still in reasonable condition, varying degrees of cracking have occurred along the length of the path. This is cracking due to the slumping of filled sections and the action of tree root growth over time.

Progress Update

Contour Works quietly completed the trail upgrade works despite the consistent inclement weather that hindered progress during January to April 2021.

Jum Rum & Jungle Trails

The Jum Rum section of the trail was completed prior to the Christmas shutdown 2020 with the last remaining Jungle Trail surfacing and bridge upgrade work completed in mid-May.

Barang Street Bridge Replacement

The old Jum Rum Trail pedestrian bridge was removed, and the new bridge installed in mid June 2021. The new bridge substructure utilises larger hot dipped galvanised, single span I-beams and FRP deck panels designed to resist the prevailing climatic conditions. The new bridge designed, engineered and installed after inspection of the old bridge identified severe corrosion of reinforcing plates that were holding the three (3) existing bridge sections together.

All walking trails in Kuranda are now open to the public.

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Old Barang St Pedestrian Bridge - corrosion



Old Barang St Pedestrian Bridge - Removed



New Barang St Bridge - Under Construction



New Barang St Bridge - Jum Rum Walk



Infrastructure Services Capital Works Report Project Highlights - July 2021



Project Name: Kuranda Recreation Centre Refurbishment

Program: Facilities

Background

Kuranda Recreation Centre is a Council-owned community located in Hunter Park on Fallon Road, Kuranda and is home to a range of community group and activities. In 2018, Council received a Building Condition Inspection Report which identified several issues with the facility which needed to be addressed over the coming years. The project has been funded through the Queensland Government's Works for Queensland Program.

Scope of Works

This is the second stage of a larger project to address issues identified in the 2018 report. This project included weatherproofing the structure and undertaking refurbishments on both floors to ensure the building meets the necessary fire and safety standards.

Progress Update

Works were undertaken from late June and were completed by the end of July. Council worked with the community groups impacted by the works by offering alternative venue for activities during construction.



Ground floor: Refurbishments undertaken including waterproofing, new fire doors and roller doors



First floor: Completion of refurbishment, including installation of new windows and painting

Infrastructure Services Capital Works Summary Report - July 2021

Project Description	Project Stage	Progress Comment
Program: 01 Rural and Urban Roads Reseal Program (Renewal)		
2020/21 Reseal & Asphalt Program	Construction	Line marking of Cedric Davies Community and Rob Veivers Drive scheduled for early August 2021.
2021/22 Reseal & Asphalt Program	Planning	Asphalt and reseal program will be presented at a future workshop for review by Council.
Program: 02 Gravel Resheet		
2019/20 Gravel Resheet Program	Construction	Re-sheeting of sandy sections of McBean Road will be undertaken when maintenance grader is in the area. Material from Bower Road project has been stockpiled for use on these sections.
2020/21 Gravel Resheet Program	Not Commenced	All council's construction resources have been engaged in projects where grant funding dictates that works must be completed by late June 2021. Given this, the remaining funds in the 2020/21 Gravel Resheet budget will be rolled over to the 2021/22 financial year.
2021/22 Gravel Resheet Program	Not Commenced	To be programmed.
Program: 03 Urban Streets		
Design Program - design forward works	Design	Planning, investigation and design of future projects.
R2R Reynolds Street, Mareeba - Replace Kerb and Channel	Not Commenced	Programmed for January/February 2022.
Program: 04 Rural Roads		
TIDS Euluma Creek Road, Julatten - Rehabilitate and widen Ch 5.565-6.343	Construction	Drainage commenced 2021. Remainder of work programmed for September/October 2021.
DRFA Betterment Co-contribution	Construction	Shanty Creek Road Causeway: completed July 2021. Fossilbrook Road Causeway: Construction expected to commence September/October 2021.
Fallon Road, Kuranda - Rehabilitate Pavement Ch 0.874 - 0.948	Planning	Fallon Road stabilisation sites submitted to QRA for potential REPA funding - advised 28 July REPA funding submission unsuccessful. Fallon Road stabilisation project to be reassessed as budget allocation assessed as not sufficient to satisfactorily address the slope failure issues fully.
TIDS Bower Road, Arriga - Widen and Seal Ch1.447-4.317	Construction	Clear and grub completed. Widening from Stanton to McBean Road will be ready for sealing early August and drainage in this section is 90% complete. Drainage & shoulder reinstatement between McBean Road & new culvert on Bower Road is 25% complete. 600x450 RCBC 25% complete.
TIDS Euluma Creek Road, Julatten - Rehabilitation Ch4.98-9.325	Design	Programmed for April to June 2022.
TIDS Euluma Cree Road, Julatten - Rehabilitation Ch9.016-10.12 Rehab	Design	Programmed for June to August 2022.
TIDS Springmount Road, Arriga - Rehabilitation Ch7.55-9.0	Construction	Clearing and grubbing is 90% complete, Sunwater and Telstra has been located. Two culverts have been extended and three culverts have been removed and replaced.
R2R Wolfram Road, Dimbulah Priority Sect Stage2	Planning	Programmed for February to April 2022.
R2R Palm Valley Road, Koah - Widen and Seal Ch 0-1.3	Planning	Programmed from February to April 2022.
Borzi Road, Mareeba - Widen & Seal Ch 0.03-0.67	Design	Programmed for April to June 2022.
Program: 05 Bridges		
Hales Siding Road - Timber Bridge Replacement	Planning	On hold pending discussions with funding body regarding budget shortfall.
Kanervo Road, Replace Timber Bridge over Davies Creek	Procurement	Programmed December 2021 to April 2021.
Davies Creek Bridge Replacement	Design	Programmed for April/May 2022.
Granite Creek, Mareeba - Replace Footbridge Deck	Planning	Programmed for May 2022.
Palm Close, Mareeba - Replace Footbridge Boards	Planning	Structural engineer has inspected bridge and some recommended minor maintenance was carried out to ensure bridge is safe until new decking and girders can be installed. Programmed for May/June 2022.
Bicentennial Lakes Footbridge Safety Upgrade	Not Commenced	Programmed for June 2022.
Program: 06 Drainage		
2020/21 Minor Culvert Renewal Program	Procurement	Waiting on supply of RCP for Mareeba Cemetery entrance.
2021/22 Minor Culvert and Causeways Renewal	Not Commenced	To be programmed.
Amaroo Mareeba - Drainage Upgrade Stage 2 of 3	Design	Works will be delivered by third contractor.
Program: 08 Parking		
Borzi Park, Mareeba - Carparking Masterplan	Not Commenced	To be programmed.

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Project Description	Project Stage	Progress Comment
Program: 09 Footpaths		
2018/19 Footpath Renewal Program	Construction	A section of footpath in Coondoo Street adjacent to No. 20 has risen due to fig tree roots and will be replaced when resources allow.
Footpath Renewal (All localities)	Construction	Further footpath works are yet to be programmed.
STIP - Mt Molloy Footpath - Replace 430m	Construction	Works will re-commence early August 2021.
2021/22 Footpath Renewal Program	Not Commenced	To be programmed.
Basalt Gully Stewart Street, Mareeba Footpath Renewal	Not Commenced	Programmed for July 2022.
Rankin Street, Mareeba - Footpath Renew (Chewko-Byrnes)	Design	To be programmed.
Program: 10 Parks and Gardens		
Shire Beautification Program	Construction	Vegetation management at the Granite Creek end of the Bicentennial Lakes completed late May.
Kuranda CBD Renew Irrigation & Planting	Construction	Ongoing. This budget is used on an 'as required basis' for the continual upgrade of irrigation and plants in Coondoo Street.
Bi-Centennial Lakes - Seed Funding	Not applicable	No grants identified as yet.
Mt Molloy Centre Islands, Replace irrigation and kerbing	Construction	Concrete and irrigation work complete. Garden plantings will be covered by underspends on other capital works projects.
LRCIP2 Shire-wide Parks, Open Space and Facility Upgrades	Planning	Projects to be determined in conjunction with development of the Parks and Open Spaces Strategy.
Mary Andrews Park, Mareeba - Replace Exercise Equipment	Procurement	Quotation requests emailed week of 19 July. No responses received as yet.
2021/22 Park Entrance Sign Renewal Program	Not Commenced	Park sign audit to be conducted August 2021.
Dimbulah Parks Irrigation Upgrade	Not Commenced	To be programmed.
Chillagoe Parks Irrigation Upgrade	Not Commenced	To be programmed.
Program: 11 Water		
Warril Drive New Water Main and Booster	Construction	Procurement of equipment has been achieved however inclement weather has delayed the civil construction works.
Mareeba and Kuranda WTP - Staged start-up of raw water pumps upgrade	Design	City Water Technology working on this project, there are some delays with this due to COVID travel restrictions.
Mareeba Water Treatment Plant - Based on a successful trial of new turbidity meters, implement automated backwash on high turbidity	Completed	Works done in conjunction with City Water Technology and final report received early July.
Mareeba Water Treatment Plant - filter 3 Install dedicated backwash pumps and reconfigure wash water feed pipes	Design	Project on hold pending outcome of grant application for new filter block.
Chillagoe Water Treatment Plant - Install conductivity meter on raw water transfer line, trend conductivity on SCADA	Completed	New equipment was installed but there is a technical issue with the equipment and a replacement probe is pending installation.
Mareeba Water Treatment Plant - Optimise clarifier performance upgrade	Design	City Water Technology working on this project, there are some delays with this due to COVID travel restrictions.
Mareeba Water Treatment Plant - Backwash operation renewal	Design	City Water Technology working on this project, there are some delays with this due to COVID travel restrictions.
LER / LRCIP2 Chillagoe Bore & Water Main Construction	Construction	Construction commenced mid-July and water main installation nearing completion.
Myola Road, Kuranda - Reservoir Flow Meter	Procurement	Site meeting held 23 July to assess project, new flow meters to be acquired along with required fittings, once flow meters arrive project works will commence.
Warril Drive, Kuranda - Water Main Replacement	Not Commenced	To be programmed.
Mareeba Transfer Holding Lagoon New Spare Pump	Procurement	Quotes being sourced for new pump, once received new pump will be acquired.
W4Q5 Barang Street, Kuranda - Water Main Upgrade	Procurement	Tenders for project received and report to 18 August meeting for tender award.
W4Q5 Mareeba AC & Defunct Pipe Replacement 2.5km	Design	Design and survey work underway, once completed tender will be issued and small section of works will be undertaken by Council.
2021/22 Water Telemetry/SCADA Upgrades	Planning	This project will need to be done in conjunction with Council's PC upgrades.
2021/22 Valve Replacement Program (Reticulation)	Planning	Staff to assess next valves to be replaced, place an order and install.
Mareeba Study & upgrade of wastewater system	Planning	This project will be delayed due to ongoing lockdowns in NSW affecting the ability of City Water Technologies to perform their work.

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Project Description	Project Stage	Progress Comment
Mareeba Water Treatment Plant - 5ML Reservoir Roof Replacement	Procurement	Tenders received and over allocated budget allowance, working with tenderers and other specialist contractors to identify alternative construction/delivery solutions.
2021/22 Hydrant Renewal Program	Planning	Met with contractor to discuss hydrant renewals and routine servicing of hydrants.
Mareeba Water Treatment Plant Filtration Upgrade	Planning	BBRF grant application submitted for this project and awaiting outcome of grant assessment.
Chillagoe Water Treatment Plant Filter Cell	Procurement	New filter cell on order, once it arrives will be installed and commissioned.
Program: 12 Wastewater		
2020/21 Manhole Rehabilitation and Replacement Program	Construction	Project progressing well with contractor making good inroads on project.
Mareeba Wastewater Treatment Plant - Aeration diffusers replacement (every 5 years)	Construction	Equipment ordered, long lead time on delivery as the ordered goods come from the USA.
LER - Mason Street Sewer Main Upgrade	Construction	Project works progressing well despite encountering rock during excavation works for southern section.
Kuranda Wastewater Treatment Plant - Replace Sludge Conveyor Belts	Procurement	Quotes being sourced.
2021/22 Wastewater Telemetry/SCADA Upgrades	Planning	This work to be done in conjunction with Council's PC upgrades.
New Sewer Pump Station Standby Generators x2	Procurement	Quotes sourced and purchase order to be issued shortly, there is an 18 week delivery lead time on the generators.
2021/22 Mareeba Sewer CCTV & Relining Program	Procurement	Report go to Council on 18 August with recommendation for continuation of existing contract arrangements.
2021/22 Manhole Rehabilitation and Replacement & Program	Procurement	Works to commence on this project as soon as materials are available.
2021/22 Mareeba Wastewater Treatment Plant Component Renewals	Procurement	Quote for items due for replacement received and purchase orders being issued, long lead times expected on delivery of goods.
Granite Creek, Mareeba Sewerage Pump Station Refurbishment	Procurement	Tenders received over budget allocation, report to be presented on 18 August recommending award of tender and funds that could potentially be reassigned to this project.
2021/22 Mareeba Pump Station Magflow Install Program	Planning	Prioritising pump stations for flow meter requirements.
2021/22 Mareeba Wastewater Reticulation Pump Renewal	Planning	Currently assessing which SPS pumps require replacement.
Mareeba Minor Pump Station H2S Protect/Refurb	Procurement	Tenders invited closing 5 August 2021.
Program: 13 Waste		
Mareeba Waste Facility Weighbridge Data Recording System	Procurement	Quotes received and recommendation on supplier being made.
Kuranda Waste Transfer Station Weighbridge & Gatehouse	Procurement	Quotes received and assessed with purchase order issued.
2021/22 Mareeba Waste Facility - Leachate Sump Pump Replacement	Procurement	Quotes being sourced for replacement pumps.
2021/22 Mareeba Waste Facility - Leachate Pump Station Pump Replacement	Not Commenced	To be programmed.
Mareeba Waste Facility - Buy Back Shop Construction	Planning	Site planning and survey underway.
Program: 15 Fleet		
GPS Vehicle Management System	Planning	Meeting with consultant to occur early September 2021 to assess options.
Replace Unit 625 Mitsubishi Truck	Construction	Delivery delayed to August 2021 due to delays with fabrication of body.
Replace Unit 5432 Sewerage Jet Rodder trailer with a hydro vac truck	Procurement	Monitoring Auctions and will procure when suitable plant identified.
Fleet Replacement #1336 - LLOs Dual Cab Ute	Procurement	Quotes received and evaluation underway with LLOs. Propose to procure by early September 2021.
Fleet Replacement #676 - Civil Works Truck	Procurement	Quotes received, place order by early August 2021.
Fleet Replacement #1317 - Western Roads Landcruiser	Procurement	Quotes received, place order by early September 2021.
Fleet Replacement #4009 Toro 72" Mower	Procurement	Purchase Order to be raised.
Fleet Replacement #509 Backhoe	Procurement	Tenders invited closing 9 August 2021.
Fleet Replacement #1250 - Water and Waste Hilux	Procurement	Quotes received, place order by early August 2021.
Fleet Replacement #1251 - Water and Waste Hilux	Procurement	Quotes received, place order by early August 2021.
Fleet Replacement #4056 - Toro 72" Front Deck	Procurement	Order placed; anticipated delivery is early August 2021.
Fleet Replacement #4055 - Kubota 72" Ft Deck	Procurement	Order placed; anticipated delivery is late September 2021.
Fleet Replacement #4053 - Husqvarna Zero Turn	Planning	Waiting for suppliers to register for Vendor Panel Market Place.

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Project Description	Project Stage	Progress Comment
Fleet Refurbishment #400 - Cat Excavator (Track)	Procurement	Order placed; anticipated delivery is mid-September 2021.
Fleet Refurbishment Truck Mounted Water Tank	Not Commenced	Work programmed for December / January during wet season.
Fleet Replacement #1239/1300 with 1x Pool Vehicle	Procurement	Quotes received, place order by early August 2021.
Program: 16 Depots and Council Offices		
Kowa Street, MSC Depot - Air conditioning Replacement	Not Commenced	To be programmed.
Rankin Street, MSC Office - External Refurbishment	Planning	Condition report to be conducted to assess works required by mid-August 2021.
Rankin Street, MSC Office - Air conditioning & General Roof Covers	Planning	Site inspection conducted to obtain dimensions for quoting.
Rankin Street, MSC Office - Town Planning Foyer Reconfiguration	Design	Design finalised. RFQ to be prepared to send out to design consultants early August.
Kowa Street, MSC Depot - Emergency Generator	Procurement	Quotes received and being assessed.
Program: 17 Community Buildings		
Cedric Davies Community Hub	Construction	Defect Inspection completed and defect close out underway. Young Readers area Mural painting due for completion early August. On program to open to public on 12 August.
Koah Tennis Court - Remove/replace the unstable timber light poles	Not Commenced	Application by Koah Community Group to build a large undercover facility has been received. Lighting project on hold awaiting outcome of this proposal.
Mareeba, Dimbulah and Kuranda Aquatic Facilities - Remote monitoring upgrade of all swimming pools	Construction	Contractor delays due to COVID with August install now anticipated.
Dimbulah / Mareeba / Kuranda Pools Chlorine Dosing Improvements	Not Commenced	To be programmed.
Mareeba Leagues Club Grandstand Refurbishment	Planning	Currently seeking alternative proposal to full roof replacement to address water leaks installing new drop flashing at the roof's change of gradient.
Geraghty Park Hall, Julatten - Toilet Access Upgrade	Planning	Met with contractor onsite to discuss new pathway. Awaiting quotes.
Mareeba PCYC Shire Hall Part Roof Replacement	Not Commenced	Work scope being assessed. Met with PCYC who advise water leak issues with the main roof - possibly associated with penetrations along the ridge. Prior to works commencing, Heritage Exemption application to be submitted to DES outlining the proposed scope of works.
2021/22 Shire-wide Ablution Refurbishment Program	Construction	Dimbulah Tennis Courts and Chillagoe Ten Acre Park: Works will commence early August. Mareeba Heritage Centre: Quotations for works are underway. Completed works anticipated end of September.
Kuranda SES Facilities Upgrade	Not Commenced	Liaising with Kuranda SES coordinator in regards the proposed works and the funding requirements. Approval to be sought from the Department of Communities for construction of a 'sand box' on the property.
Dimbulah Pool Expansion Joint Repair	Procurement	Quotes called and received. Purchase order raised for works to commence and be completed prior to re-opening.
Program: 18 Non-Infrastructure Items		
DRFA Flood Warning Infrastructure Network MbaSC.0016.1819E.FWI - River Gauge (Biboohra)	Procurement	Approved contractor engaged. Contract documents to be finalised before works commence.
DRFA Flood Warning Infrastructure Network MbaSC.0018.1819E.FWI - Rain Gauge (7 locations)	Procurement	Approved contractor engaged. Contract documents to be finalised before works commence.
Kuranda New Cemetery	Planning	Preliminary soil investigations carried out. Industry session with service providers and architect site visit postponed due to COVID-19 restrictions.
Replace GPS Base/Rover & Controller	Planning	Draft specifications prepared for procurement.
Program: 20 KIAC		
KIAC - New Wayfinding Signage	Construction	Supplier based in NSW unable to attend inspection of signs scheduled for late July due to QLD border shutdown and COVID travel restrictions.
Program: 23 W4Q3 - Works for Queensland 3		
W4Q3 Mareeba Pound Upgrade Pound/Facility	Construction	Building at lockup stage. Mechanical and electrical works complete. Internal fitout complete. Cat cages delivered. Dog runs and cages 85% complete. Demolition works to old facility due to commence 16 August and be complete by 30 August 2021.
Program: 24 W4Q4 - Works for Queensland 4		

Infrastructure Services Capital Works Summary Report - July 2021

Project Description	Project Stage	Progress Comment
W4Q4 Bicentennial Lakes Solar Lighting	Construction	Delays with installing remaining lights due to some components missing.
W4Q4 Refurbish Kuranda Recreation Centre Hunter Park	Planning	Completed July 2021.
W4Q4 Centenary Booster Pump Solar	Construction	New concrete path has been constructed to the perimeter of the shed and replacement playground installed. Replacement of sections of soft fall needed due to vandalism.

9.2 INFRASTRUCTURE SERVICES, TECHNICAL SERVICES OPERATIONS REPORT - JULY 2021

Date Prepared: 22 July 2021
Author: Manager Technical Services
Attachments: Nil

EXECUTIVE SUMMARY

The purpose of this report is to summarise Council's Fleet, Design, Soils Lab, Survey, Quality, GIS, Project Management, Facilities and Investigation Services activities undertaken by Infrastructure Services during the month of July 2021.

RECOMMENDATION

That Council receives the Infrastructure Services, Technical Services Operations Report for July 2021.

BACKGROUND**Technical Services**Design, quality and investigations:

Investigation activities undertaken in July included:

Activity	Current Requests	Closed Requests
Road Infrastructure Review	92	54
Drainage Investigations	7	5
NHVR Permit Applications	0	21
Aerodrome Investigations	1	0
Traffic Count Surveys	0	24
Parks Investigations	4	2
Dial Before You Dig Requests	0	148

Soil Laboratory:

Council's Soil Laboratory provides NATA-accredited soil and material testing for internal and external services. The laboratory completed the following testing in the month of July:

Supplier	No. of Tests
Internal	92
External	128

Asset Inspections:

Scheduled inspections of Council's transport infrastructure assets have been undertaken during the month of July. Field inspections were directed towards the underground stormwater network within the Mareeba CBD as well as culvert crossings of roads within the shire. In addition to these field inspections, work was completed towards improving data collected for the footpath, water, sewerage, roads and kerbs.

Inspections planned for August will continue to focus on the underground stormwater network as well as the annual inspection of Council roads and other transport infrastructure.

Operational Works and Subdivisions

To ensure ongoing compliance with development conditions, both during construction and on-maintenance, Council undertakes routine inspection and monitoring of sites. The following developments remain current:

Locality	Subdivisions Name	Status
Mareeba	Kenneally Estate Stage 4	Under construction
Mareeba	The Edge Stage 3	Under construction
Mareeba	The Edge Stage 3A	Under construction
Mareeba	Amaroo Stage 11	On-maintenance
Mareeba	The Edge Stage 2B	On-maintenance
Kuranda	3 Hilltop Close	Off-maintenance
Mareeba	Mareeba Roadhouse & Accommodation Park, Williams Close	On-maintenance - Monitoring
Kuranda	72 - 76 Mason Road Stage 1	On-maintenance
Kuranda	112 Barnwell Road widening	Monitoring

Disaster Recovery Funding Arrangements (DRFA)

The DRFA is jointly funded by the Commonwealth and Queensland governments to help alleviate the costs of relief and recovery activities undertaken in disaster-affected communities by delivering recovery activities to return affected eligible assets back to pre-event condition. The status of declared disaster events currently being managed are provided below:

Program	Status
2021 DRFA	<p>Mareeba Shire activated DRFA assistance measures linked to Tropical Cyclone Imogen and associated Low Pressure System that occurred 2- 12 January 2021.</p> <p>A consultant has been engaged to deliver the 2021 DRFA Program. The consultant, ARO is currently collating damage photos and confirming chainage ID's for high priority sites, Submission 1 – Aerodrome Fence, Cater Road, Leafgold Weir Road, Raleigh Street, Thornborough Street, Tinaroo Creek Road, Hastie Road which will be lodged with QRA.</p> <p>Betterment projects to be identified and submitted in future funding rounds.</p>
2019 DRFA	Gamboola Crossing remains the only site not yet completed. Commencement is scheduled for late August, with completion expected prior to December 2021.

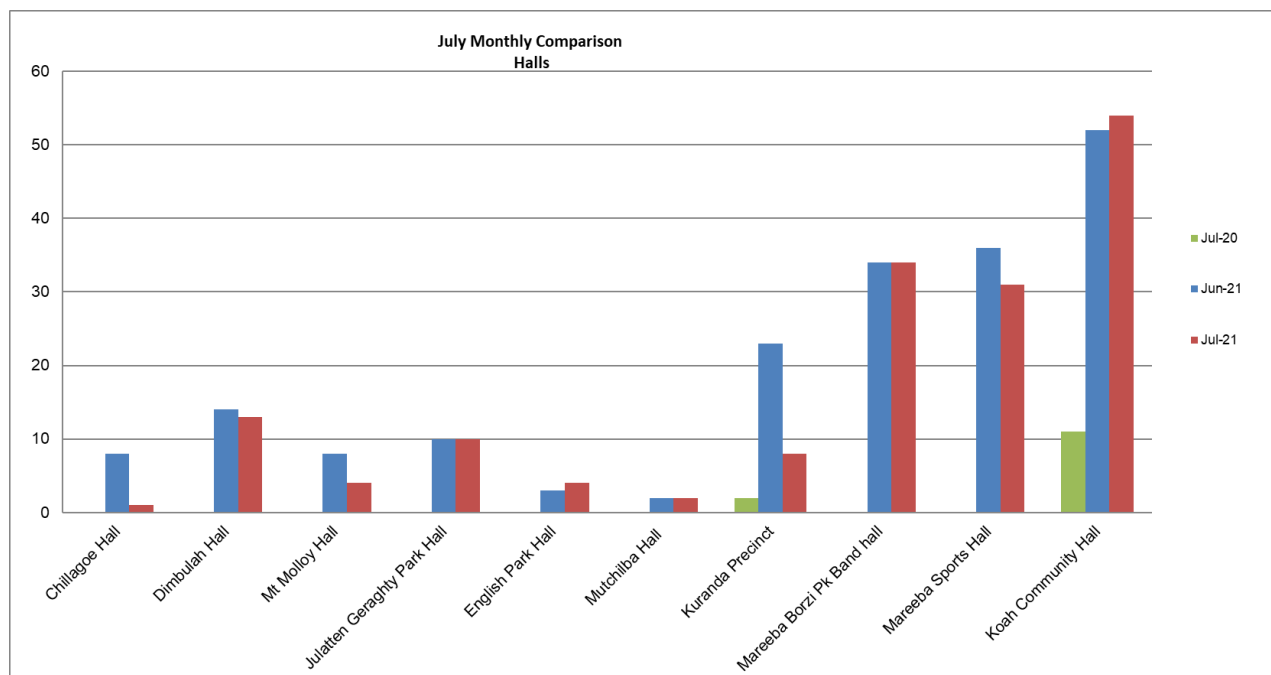
Program	Status
2019 Betterment	Delivery of approved 2019 Betterment works is as follows; <ul style="list-style-type: none"> Fossilbrook Road Lynd River Crossing - Works scheduled to commence in the last quarter of the year. Shanty Creek Causeway – Construction completed July 2021. Clacherty Road Causeway Crossing – Construction completed May 2021.

Facilities

Community Halls:

Maintaining safe and efficient access to Council Community Halls is recognised as an important aspect for the community's ongoing wellbeing. All facility users are required to comply with the conditions set out by the State Government's COVID-19 Restrictions Roadmap.

July hall hires have slightly decreased against the previous month. Social events have decreased however club bookings are still regular. As of 9 July, the "Check In Qld" App was made mandatory in Council's facilities.

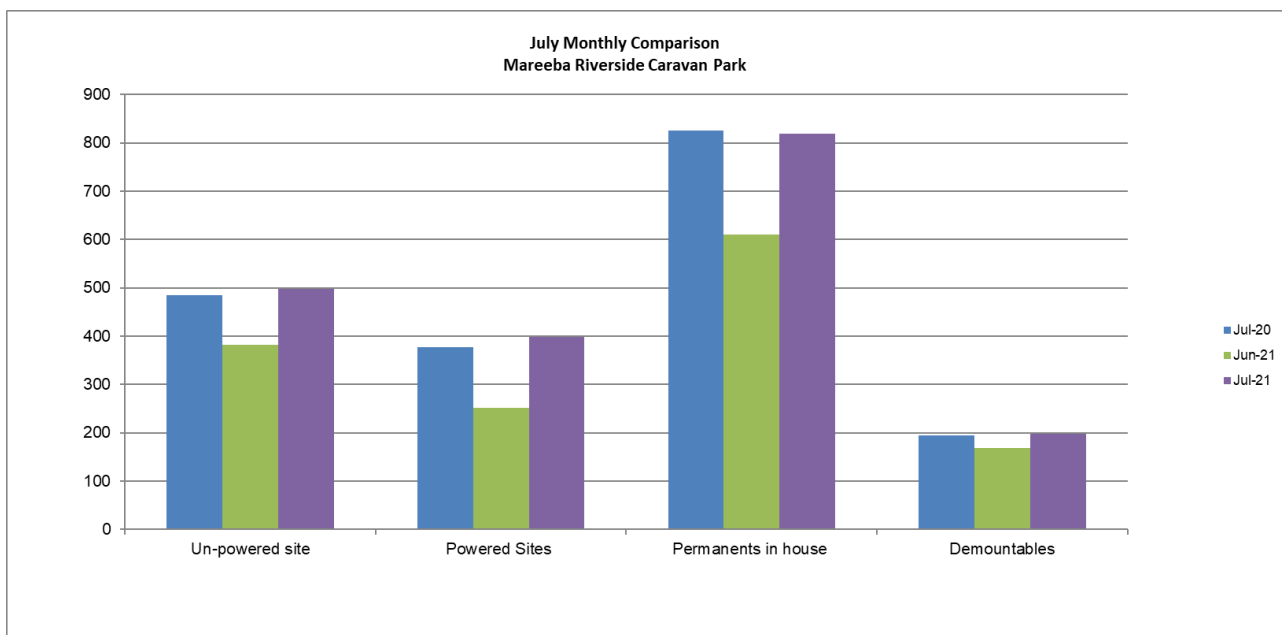


Swimming Pools

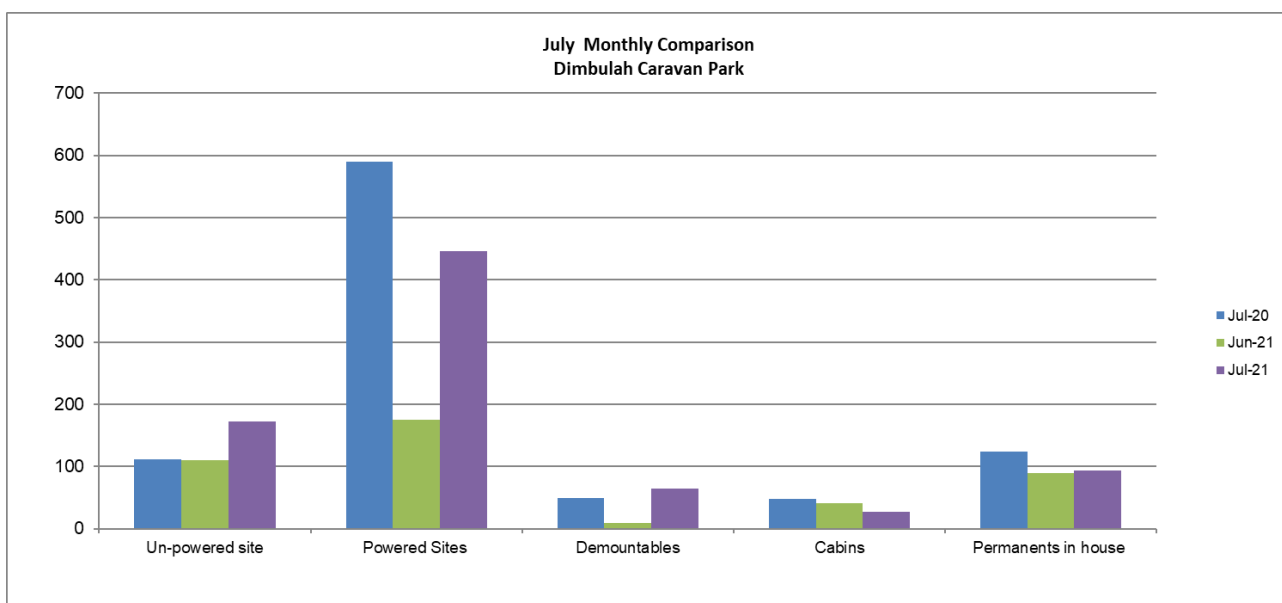
All Swimming Pools are closed for the months of June and July for the annual scheduled winter period shutdown. Maintenance is carried out during this period.

Caravan Parks:

Mareeba Riverside Caravan Park utilisation increased in July. Backpackers and grey nomads are travelling to the North to escape the southern lockdowns.



Dimbulah Caravan Park utilisation also had an increase compared to last month. The majority of these travellers are from QLD and heading north due to the COVID-19 restrictions. The Christmas in July event also increased the number of great nomad travellers.



Vandalism & Graffiti:

During July, five (5) reports of vandalism/graffiti were recorded for Council facilities, with annual costs provided below;

Financial Year	Actuals	Comments
2015/16	\$ 2,134.00	<ul style="list-style-type: none"> • Kuranda Centenary Park toilets - vandalism x3 • Mt Carbine - Bob's Lookout - graffiti • Mareeba Rankin Street Office - vandalism
2016/17	\$ 16,546.00	
2017/18	\$ 23,948.00	
2018/19	\$ 14,851.00	
2019/20	\$ 14,211.18	
2020/21	\$ 62,199.62	
2021/22	\$672.16	

Note - actuals for vandalism/graffiti do not reflect costs to repairs during that period. Incoming expenses for repairs carry over until works are completed.

LEGAL/COMPLIANCE/POLICY IMPLICATIONS

COVID-19 impacts in relation to closure and re-opening of facilities will be managed in line with Queensland Government requirements.

FINANCIAL AND RESOURCE IMPLICATIONS

Capital

Nil

Operating

Additional costs associated with graffiti and vandalism is expected and will be accommodated within existing budget allocations.

LINK TO CORPORATE PLAN

Financial Sustainability: A council that continuously operates in a cost-effective manner while managing council's assets and reserves to ensure a sustainable future.

Transport and Council Infrastructure: The provision of quality services and infrastructure for our growing community that is planned and managed using sound asset management principles.

Community: An informed and engaged community which supports and encourages effective partnerships to enhance the liveability of the Shire.

Economy and Environment: A resilient economy that promotes and supports the shire's natural assets and local industry and encourages investment while preserving and future proofing for generations to come.

9.7 INFRASTRUCTURE SERVICES, WATER AND WASTE OPERATIONS REPORT - JULY 2021

Date Prepared: 22 July 2021
Author: Manager Water and Waste
Attachments: Nil

EXECUTIVE SUMMARY

The purpose of this report is to summarise Council's Water and Waste activities undertaken by the Infrastructure Services Department during the month of July 2021.

RECOMMENDATION

That Council receives the Infrastructure Services, Water and Waste Operations Report for July 2021.

BACKGROUND**Water and Wastewater Treatment:**

All treatment plants are performing satisfactorily. Water demand was slightly higher across all schemes with Chillagoe's consumption potentially attributed to filling of the new water reservoir.

Inflows through the wastewater treatment plants have dropped with the Mareeba WWTP recording the most notable.

Routine environmental monitoring did not detect any exceedances of environmental discharge limits. No anomalies or reportable notifications were reported in relation to routine water quality testing conducted during the month.

Water Treatment	Mareeba	Kuranda	Chillagoe	Dimbulah	Mt Molloy*
Water Plant average daily production (kL)	8,045	853	402	290	88
Number of Connections	4,385	982	157	272	113
Average daily water consumption per connection (L)	1,835	869	2,561	1,066	779

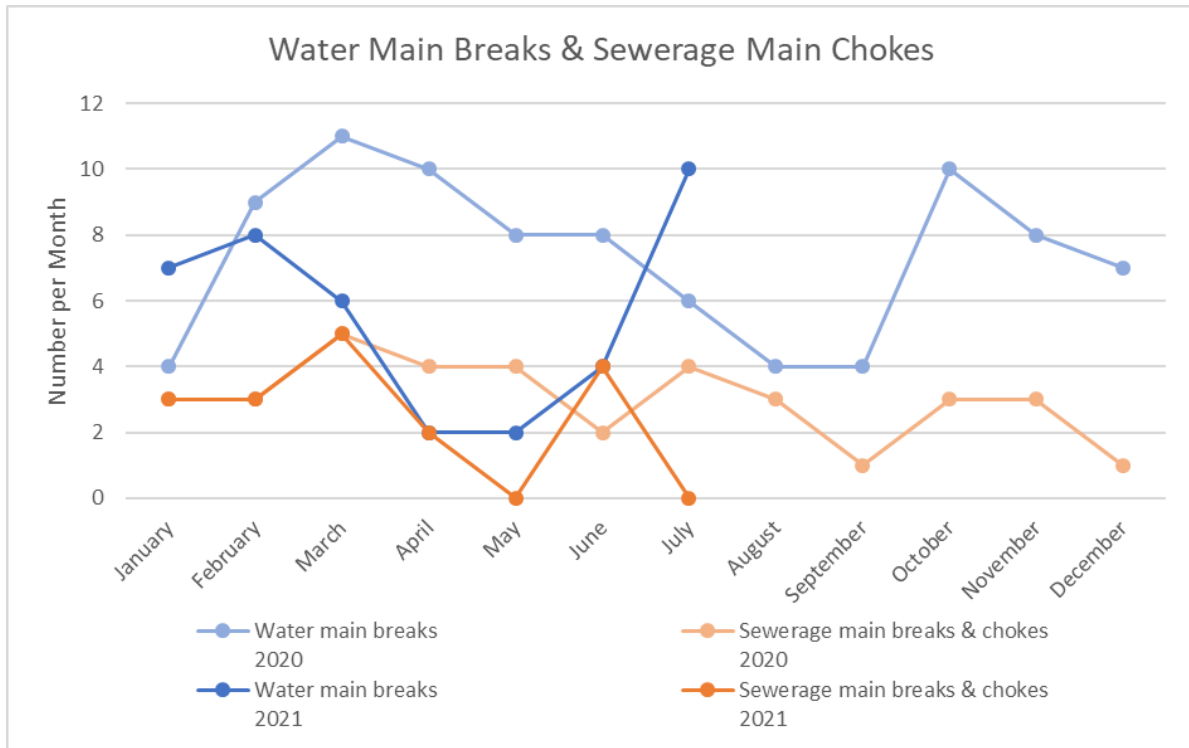
* Mt Molloy is an untreated, non-potable water supply

Wastewater Treatment	Mareeba	Kuranda
Wastewater Plant average daily treatment (kL)	2,141	195
Number of Connections	3,424	346
Average daily inflow per connection (L)	625	564

Water and Wastewater Reticulation:

Council's water reticulation crew attended to ten (10) water main breaks and small water leaks and no (0) sewer main breaks this month, and average response times were within targets set out in Council's customer service standard for water services.

Monthly statistics are shown on the water reticulation main breaks and sewerage main breaks and chokes:



Council officers, in conjunction with Queensland Fire and Emergency Services (QFES) inspect fire hydrants on a routine basis. QFES provides a report to Council on any abnormalities they identify. Their report includes street address and location, hydrant identifying number and comments on condition. The most regular comment is the hydrant needs road marker painting.

Council has a capital allocation each year for fire hydrant upgrades and the upgrade works are prioritised on condition of hydrants. A forward program of works for 2021/22 is currently being developed with work to commence by mid-August.

Council's water, wastewater and waste pump assets are routinely serviced on a six (6) monthly cycle. The routine servicing of the pumps and associated equipment ensures Council's assets are maintained in good working order and also informs asset replacements and upgrades required to achieve operational standards.

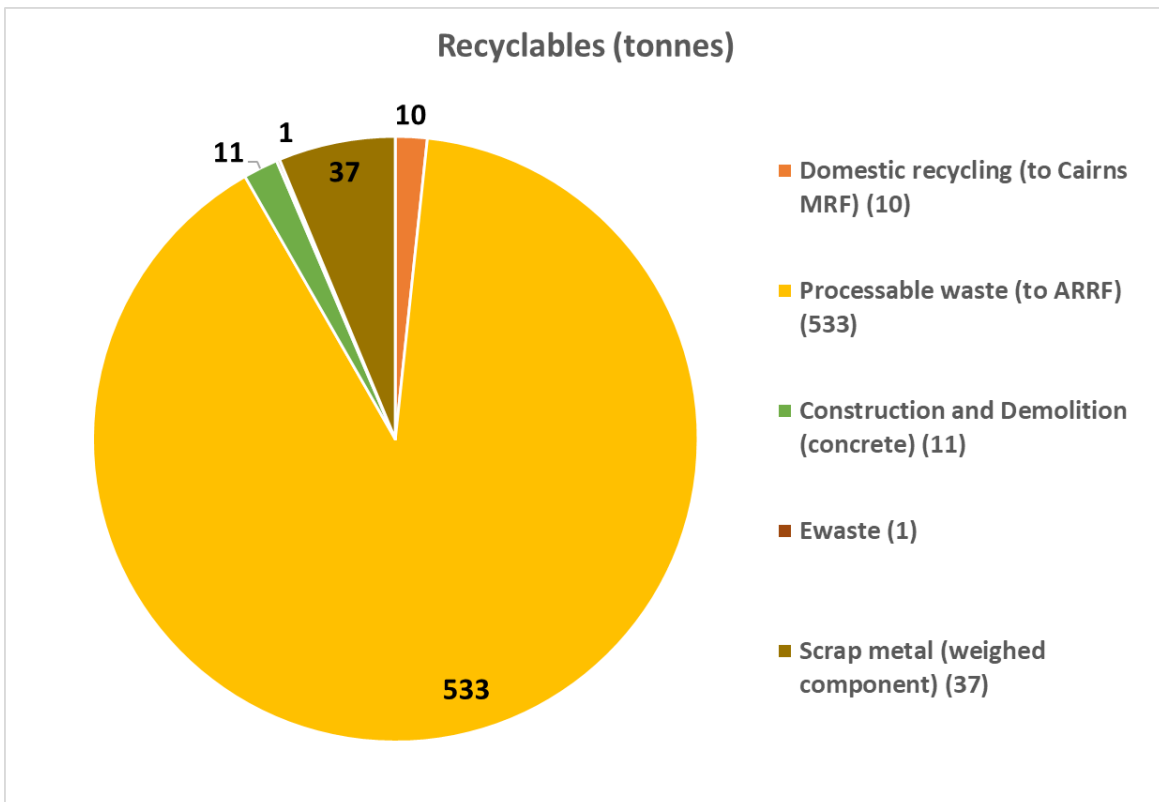
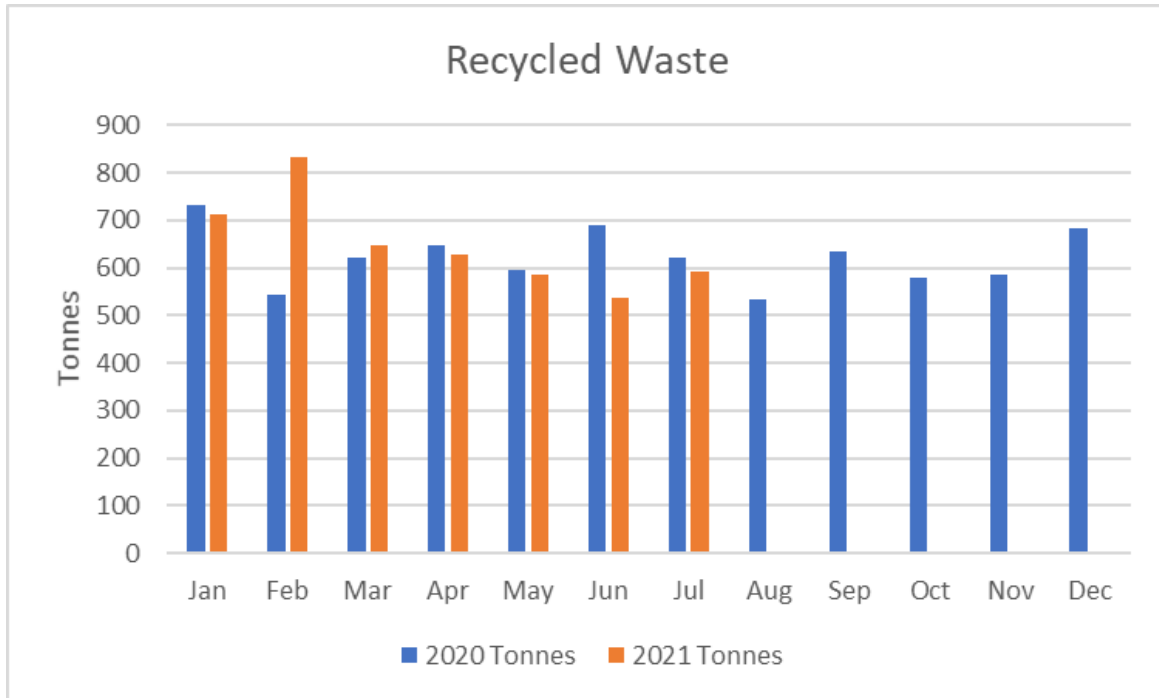
There is an ongoing capital project allocation for the renewal and refurbishment of water, wastewater and waste pump assets and the service reports are critical to identifying pump renewal and or refurbishment.

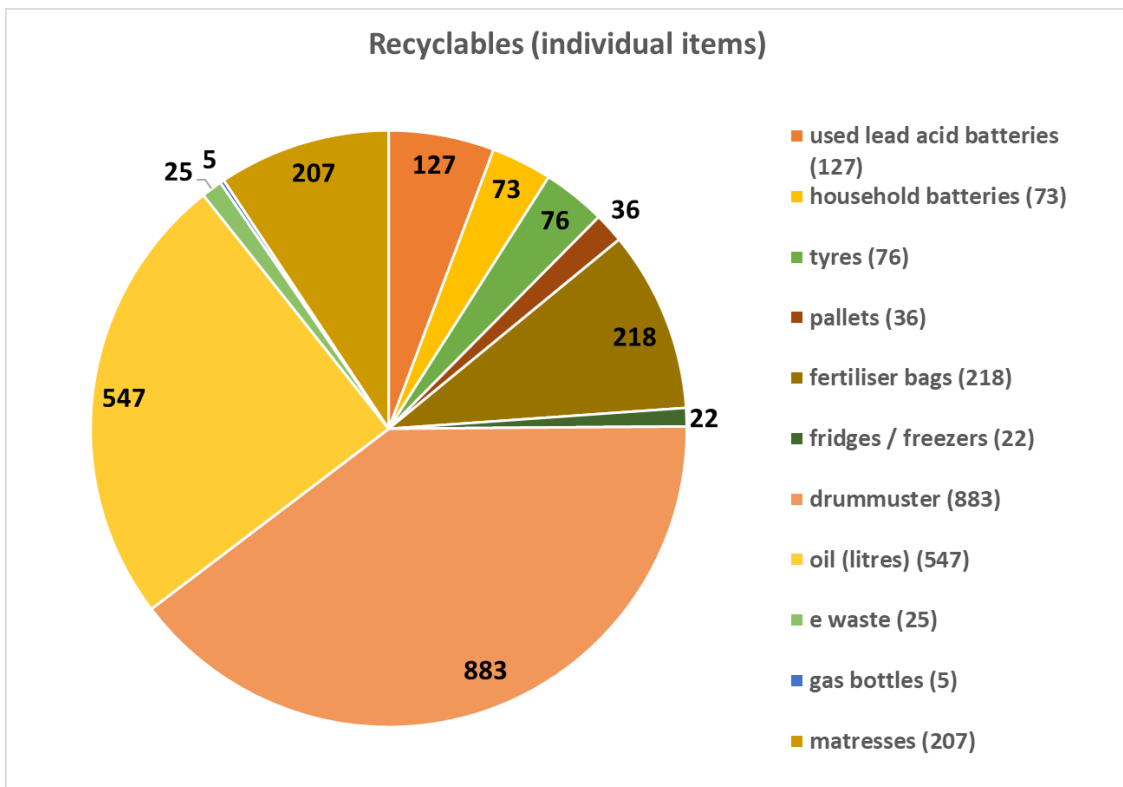
Waste Operations:

All transfer stations and Mareeba landfill are currently operational.

Recycling

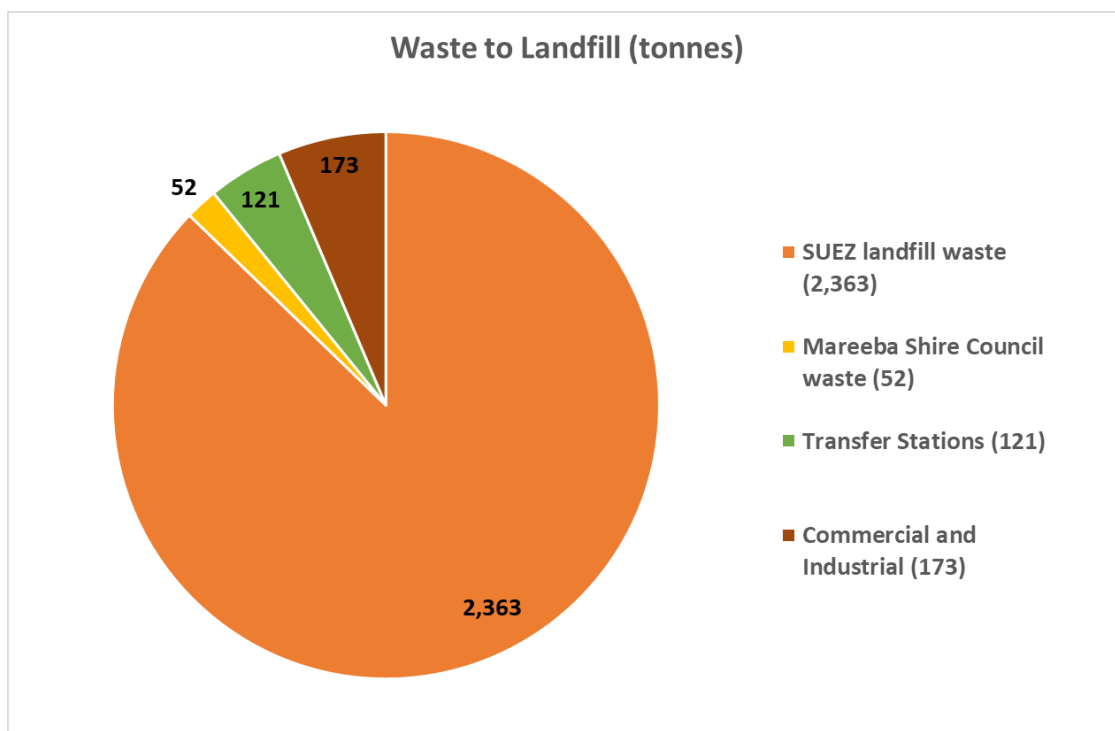
Waste material collected at each of the waste transfer stations are either deposited directly to the Mareeba landfill, recycled or transported to the SUEZ Advanced Resource Recovery Facility (ARRF) in Cairns for processing.





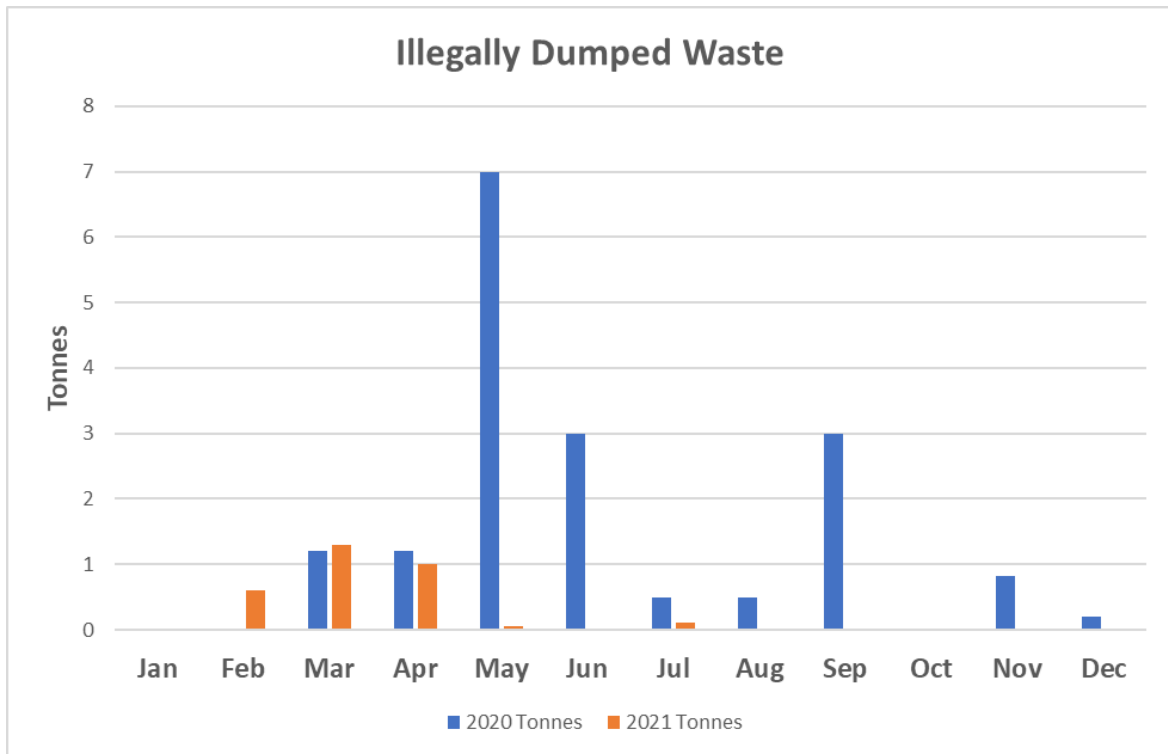
Waste to Mareeba Landfill

Waste directed to Mareeba Landfill is primarily residual waste from the SUEZ Advanced Resource Recovery Facility (ARRF) plant in Cairns, with minor quantities received from the waste transfer stations (Mareeba included), commercial and industrial waste, and waste that Mareeba Shire Council produces from its own activities.



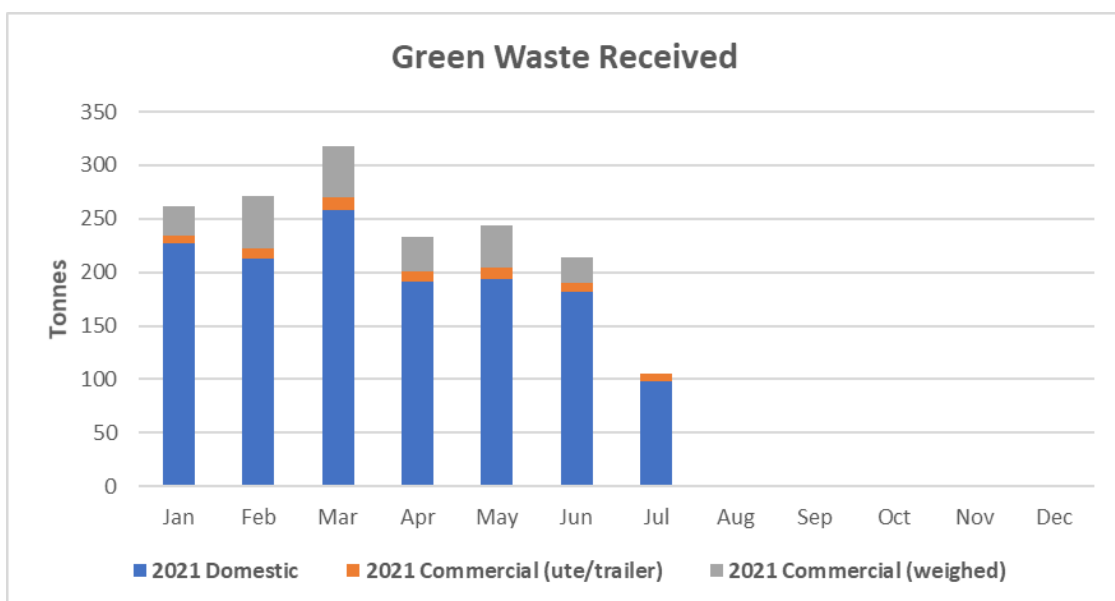
Illegally Dumped Waste

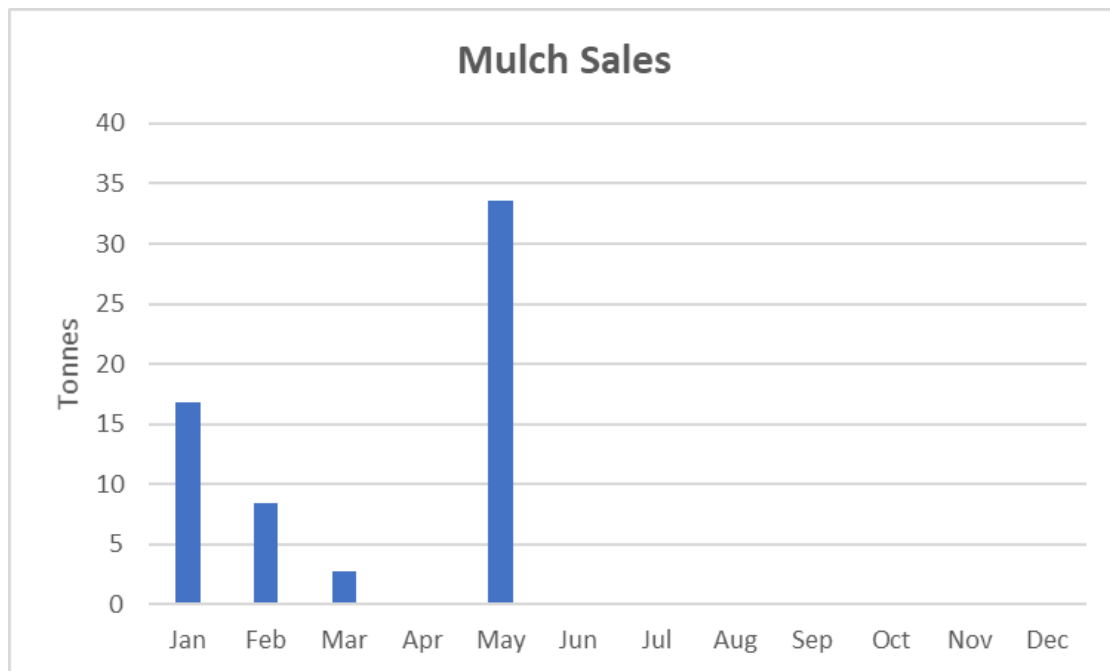
Council received three (3) illegally dumped tyres and one (1) load of illegally dumped green waste through Mareeba Waste Transfer Station during the month of July.



Green Waste

Council received a total of 105 tonnes of green waste in the month of July. No green waste was mulched and there were no mulch sales due to a fire in the mulch pile which occurred in early July.





RISK IMPLICATIONS

Environmental

Council holds an Environmental Authority issued under the *Environmental Protection Act 1994* to operate landfill facilities.

The Environmental Authority amendment process is underway.

LEGAL/COMPLIANCE/POLICY IMPLICATIONS

Nil

FINANCIAL AND RESOURCE IMPLICATIONS

Capital

Nil

Operating

Nil

LINK TO CORPORATE PLAN

Financial Sustainability: A council that continuously operates in a cost-effective manner while managing council’s assets and reserves to ensure a sustainable future.

Transport and Council Infrastructure: The provision of quality services and infrastructure for our growing community that is planned and managed using sound asset management principles.

Economy and Environment: A resilient economy that promotes and supports the shire's natural assets and local industry and encourages investment while preserving and future proofing for generations to come.

Governance: Sound decision making based on effective frameworks and clear strategic direction to achieve regulatory compliance and affordable levels of service delivered to the community.

9.8 INFRASTRUCTURE SERVICES, WORKS SECTION ACTIVITY REPORT - JULY 2021

Date Prepared: 5 August 2021

Author: Manager Works

Attachments: Nil

EXECUTIVE SUMMARY

The purpose of this report is to summarise Council's Transport Infrastructure, Parks and Gardens, and Bridge operational activities undertaken by Infrastructure Services during the month of July 2021.

RECOMMENDATION

That Council receives the Infrastructure Services, Works Progress Report for the month of July 2021.

BACKGROUND

Transport Infrastructure

Road Maintenance Activities

Unsealed road maintenance grading continued throughout the Shire in July with the following roads being graded.

Area	
Western	Eastern
Mt Mulligan Road	Blacks Road
Bolwarra-Torwood Road*	Studt Road
Blackdown-Bulimba Road*	Keal Road
Strathleven Road	Keegan Road
Springfield Road	Mareeba Cemetery
	Horan Street
	Chisari Road
	Tabacum Road
	McBean Road
	Vallely Road
	Bilwon Road
	Shanty Creek Track

* Denotes roads that were started in May and have been on-going

Other activities during the month included the installation of pedestrian signs in Anzac Avenue, the removal of the non-enforceable "No Bike Riding" signs from Byrnes Street and the installation of litter signage in the Mareeba area. Culvert inlet and outlet cleaning, tree removal and road repairs in the Julatten, Mt Molloy and Mt Carbine areas and street cleaning and tree pruning were carried out in the Dimbulah, Mutchilba and Chillagoe areas.

Customer Requests

Since the beginning of 2021, the Works Group has received 1,337 Customer Requests (CRs) with 1,269 of these requests resolved. The table below shows the number of requests lodged per month and the number of requests that were resolved.

Month	CRs Lodged	CRs Resolved
January 2021	269	197
February 2021	202	229
March 2021	195	193
April 2021	192	172
May 2021	167	177
June 2021	168	147
July 2021	144	154
Total	1,337	1,269

At the time of reporting, the Works Group had 43 open (unresolved) requests.

Bridges and Major Culverts

Bridge maintenance and inspections were carried out on all bridges on Black Mountain Road in Kuranda and Kanervo Road at Koah.

Both the concrete and bridge crews were heavily involved in road maintenance and responding to customer requests during the month due to all MSC construction crews working on capital works projects outside Mareeba township.

TMR Third Party Works**TMR Contract Number CN-14155: Burke Developmental Road Re-sheet Ch 440.42 to Ch 443 and Ch 448.99 to Ch 468.94**

In March 2020, representatives of the Department of Transport and Main Roads (TMR) met with Council officers to discuss the re-sheeting of 22.53km of unsealed running surface on the Burke Developmental Road. Council's contract price was accepted on in August 2020, however, a lack of construction water forced the project to be postponed until July 2021.

Works commenced in mid-July 2021, with the carting of ridge gravel supplied from a commercially-owned gravel pit located at Browns Creek, Gamboola to the first section (Ch 440.42 to Ch 443). This section will require approximately 6,000 tonnes of Type 4.3 road base.

The mixing, laying and compacting operation will commence during the first week of August and it is expected to take eight (8) to nine (9) working days to complete the section.



Browns Pit Crushing Operation



Carting of Type 4.3 Road Base



Mixing and Laying Process



Completed Running Surface

TMR Routine Maintenance Performance Contract (RMPC)

Medium formation grading continued on the Burke Developmental Road west of Archies Creek.

In the eastern areas of the Shire, pipe and culvert inlets and outlets continued to be cleaned between Mareeba and Mt Molloy on the Mulligan Highway. Between Mt Molloy and Lakeland missing and damaged guideposts were repaired and replaced. On the Mossman-Mt Molloy Road pothole patching was undertaken. Signage repairs were carried out on the Mareeba-Dimbulah Road.

Parks and Open Spaces

Mareeba Parks and Gardens staff were assisting in capital works during July with the tidying of the gardens and repairing of irrigation at the Cedric Davies Community Hub in readiness for the official opening on 27 August.

The regular activities of mowing, pruning, hedging, street and footpath cleaning and servicing of Council amenities and litter bins continued throughout the month and gardening continued throughout the month.

The additional walking tracks in Kuranda have added approximately six (6) man hours per fortnight to the Kuranda Parks and Gardens team workload. As the weather becomes dryer this will increase to 12 man hours per fortnight.

Land Protection

Gamba Grass: A major outbreak of Gamba was located while Land Protection Officers were searching a property at Yalkula for Parthenium weed. The infestation had spread down into the bed and banks of the Little Mitchell River. The invasive grass was threatening to infest the entire Mitchell River system so a joint work program was initiated involving affected landowners, JAMARR volunteers and Council. The weedy paddocks were sprayed by the landowner while the grass in the river riparian was manually grubbed out and burnt. The incursion was detected early and another follow up treatment after the next wet season should see the weed eradicated.

Bellyache bush, Physic nut, Siam weed, Rubber vine: This strategically driven whole of river weed removal program continues. Council staff are assisted in the work by Biosecurity Qld local officers and affected landowners. Officers are working with the Department of Agriculture and Fisheries weed researchers who are developing biological control agents for some of these weeds.

Pond Apple: The Jum Rum Creek and its tributaries were once fully choked with pond Apple trees. The work undertaken by Council staff, Kuranda Envirocare, Kuranda Conservation and Biosecurity staff has seen the entire length of the creek system (27km) cleaned up over the past several years. Follow up searches and treatment over the next few years should see the catchment rid of this serious wet tropic weed.

Wild Dog Control: Eight (8) broad scale cattle properties on the Mitchell, Walsh, Lynd and Tate River catchments have been coordinated into groups and 1080 baiting programs initiated over an aggregated area of 680,470 hectares of range land grazing.



Pond Apple Infestation

LEGAL/COMPLIANCE/POLICY IMPLICATIONS

COVID-19 impacts in relation to closure and re-opening of facilities will be managed in line with Queensland Government restrictions.

FINANCIAL AND RESOURCE IMPLICATIONS

Operating

All operational works are funded by the section specific 2021/22 maintenance budgets.

LINK TO CORPORATE PLAN

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IMPLEMENTATION/COMMUNICATION

Nil