

9 INFRASTRUCTURE SERVICES

9.1 PARKS AND OPEN SPACES ACTION PLAN QUARTERLY REPORT - APRIL TO JUNE 2023

Date Prepared: 26 May 2023

Author: Manager Assets and Projects

Attachments: 1. Parks and Open Spaces Quarterly Review April - June 2023 [↓](#)

EXECUTIVE SUMMARY

The purpose of this report is to provide an update on projects being delivered under the Parks and Open Spaces Three-Year Action Plan during the months of April 2023 – June 2023.

RECOMMENDATION

That Council receives the Parks and Open Spaces Action Plan Progress Report for the months of April 2023 – June 2023.

BACKGROUND

Council adopted its Parks and Open Spaces Strategy and Three-Year Action Plan in February 2022.

The Parks and Open Spaces Strategy 2022-2031 has been developed to achieve Council's vision to enhance the Shire's liveability and visual appeal, and to encourage active communities and economic development. The Strategy was developed using a structured community engagement and internal consultation process.

Alongside the Strategy, a Three-Year Action Plan was developed for implementation of initial priority projects, with monthly updates provided to Council on the progress of the action plan, with each project presented to Council in detail prior to construction.

The format of the information on project status has been updated and information is provided in the legend within the attached progress report.

FINANCIAL AND RESOURCE IMPLICATIONS

Capital

The Three-Year Action Plan is fully funded at no additional cost to ratepayers.

Is the expenditure noted above included in the current budget?

Yes

Operating

The Three-Year Action Plan has been developed with an objective of no increase to the operational budget.

Is the expenditure noted above included in the current budget?

Yes

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.

IMPLEMENTATION/COMMUNICATION

Updates will be provided to Council monthly, with targeted engagement to be undertaken on specific projects.

Parks and Open Spaces 3 Year Action Plan - Project Update – April - June 2023

Legend

	Project scheduled
	Project scheduled but not yet started
	Project in planning stage
	Project started
	Project complete
	Project Updated in this Report
	Project Not Updated in this Report

Project	2022	2023	2024	Monthly Update to Council
RAIL TRAIL				
Mareeba Rail Trail Stage 1 (Mareeba to Airport)				Works Complete
BETTER PLAYGROUNDS				
Geraghty Park (Julatten)				Not commenced. Design to commence in 2023. Grant funding application for funding under Community Gambling Benefit Fund for partial funding not successful.
Pat Kinnear Memorial Park (Chillagoe Town Hall)				In planning.
Dimbulah Parks Revitalisation				Pump track and fence construction commencing late July 2023.
Kuranda Community Precinct				Not commenced. Design to commence in mid-2023.
General Playground and Fitness Equipment Renewals - Various Locations				Preparations underway for Roscommon Park Speewah.
IMPROVE BICENTENNIAL LAKES				
Bicentennial Lakes (Southern) Upgrade				Design for Bicentennial Lakes Southern and Northern Upgrades is being finalised. Grant funding has been received for under Local Government Grants and Subsidies Program for the project design.
Bicentennial Lakes (Northern) Upgrade				Community engagement commencing for Bicentennial Lakes Northern precinct. Grant funding will be required for construction. https://msc.qld.gov.au/current-community-consultation/
IMPROVE PARKS AND OPEN SPACES				
Amaroo Park				Playground and carpark construction complete. A Master Plan for the broader reserve area will be developed in consultation with the community from mid-2023.
Mareeba Town Walking Trails Upgrades				The Walking Network Plan has been adopted by Council and a Priority Works Program is being developed. This project was funded by the Department of Transport and Main Roads.
Gregory Terrace (Kuranda) Park Upgrade				Not commenced. Design to commence in 2023.
Kuranda Town Walking Trails Upgrades				Council was granted funding under the Walking Local Government Grants program and a Walking Network Plan and a Priority Works Program have been adopted by Council.

Parks and Open Spaces 3 Year Action Plan - Project Update – April - June 2023

<p>Kuranda Tourism Parks and Open Space Upgrades*</p>				<p>Centenary Park Kuranda – Playground construction is complete. Further works to refresh the surrounding stone retaining walls and footpaths are in the planning stages.</p> <p>Community consultation has commenced for Coondoo Street lighting upgrades, pathway refresh and improvements for Anzac Park Kuranda.</p> <p>https://msc.qld.gov.au/current-community-consultation/</p>
<p>Bill Newburn Park (Irvinebank) Upgrade</p>				<p>Initial discussions have taken place at the Community forum in Irvinebank. The budget has been increased for this project and plans are being developed for a swing and covered picnic table.</p>
<p>Anzac Park (Mareeba) Revitalisation</p>				<p>Construction commenced.</p>
<p>Toilet Facilities Improvements - Various Locations</p>				<p>Centenary Park Mareeba toilet refurbishment has been completed. Mareeba Aerodrome, Mareeba Cemetery, Mt Molloy Vains Park project planning has commenced.</p>
<p>Footpaths Improvements - Various Locations</p>				<p>Footpaths renewed along Rankin St and Basalt Gully (Stewart St), Mareeba. Pedestrian bridge improvements for Basalt Gully (Stewart St) and Granite Creek (Eales Park to Ward St) under design. Walking Network Priority Works Programs have been developed and adopted for Kuranda and Mareeba.</p>
<p>Park Entrance Signage Improvements - Various Locations</p>				<p>10 park entrance signs have been replaced in February 2022. Funding for this project has been fully expended.</p>
<p>WATER PARK</p>				
<p>New Mareeba Water Splash Park</p>				<p>Splash Park officially opened 24 June 2023. The project was funded by the Department of State Development, Infrastructure, Local Government and Planning to provide the Splash Park and upgrades to existing infrastructure at the Mareeba Aquatic Centre to the value of \$1.5M. The remaining construction funding was contributed by Council, who will also be responsible for the ongoing maintenance and operating costs.</p>

*Tourism projects in Kuranda to be funded by the Kuranda Infrastructure Levy

9.2 INFRASTRUCTURE SERVICES, CAPITAL WORKS MONTHLY REPORT - JUNE 2023

Date Prepared: 15 June 2023

Author: Manager Assets and Projects

Attachments:

1. **Capital Works Highlights - June 2023** [↓](#)
2. **Capital Works Summary - June 2023** [↓](#)

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 June 2023.

RECOMMENDATION

That Council receives the Infrastructure Services Capital Works Monthly Report for the month of June 2023.

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 2022/23 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

Infrastructure Services Capital Works Report Project Highlights – June 2023



Project Name: Mareeba Splash Park and Pool Heating

Program: Parks and Open Spaces

Background

Council received \$1.5M funding from the Queensland Government to construct a Splash Park in Mareeba. Council identified that the optimised location for the Splash Park is within the Mareeba Sports and Aquatic Centre. This location allows for the lowest ongoing operational expense to the community and gives visitors a more interactive experience by leveraging the existing Children’s Pool and 50m Pool as part of the Splash Park experience. \$1.5M is funded by the Department of State Development, Infrastructure, Local Government and Planning to provide the Splash Park and upgrades to existing infrastructure at the Mareeba Aquatic Centre. A further \$150,000 of the \$195,075 project cost to install a heating system, is funded by the Active Gameday Projects Fund from the Department of Tourism, Innovation and Sport’s (Sport and Recreation). The remaining funds will be contributed by Mareeba Shire Council.”

Scope of Work

The facility is a new zero-depth, zero-height splash play area that includes various unique water spray areas with interactive play elements and shade structures. As part of the upgrade, a heating system has been installed for the pool and the front entry gardens and pathways have been refreshed.

Progress Update

The Splash Park is commissioned and an opening day “Splash Party” was held 23 June 2023. The heaters are operating and final commissioning and handover is nearing completion. Project funded by the Queensland Government.



Splash Park Opening Saturday 23 June 2023

**Infrastructure Services Capital Works Report
Project Highlights – June 2023**



Mareeba Aquatic Centre Mural



Splash Park Filtration Shed

Infrastructure Services Capital Works Report Project Highlights – June 2023



Project Name: Anzac Park Mareeba

Program: Parks and Open Spaces

Background

Mareeba Shire has multiple war memorial sites, displays and historical places of interest which honour those in our community who served Australia and Council recognised the need to revitalise Anzac Park as the focal point for veterans, serving members of the Australian Defence Force and community. Businesses in Mareeba's CBD have been asking for changes to improve safety and reduce anti-social behaviour in the main street, and the revitalisation of Anzac Park should contribute to these aims.

Scope of Work

The parkland will incorporate up-lighting to highlight some of the features including the cannons and the trees, removal of the fountain, footpath renewal and planting of additional trees. The project will also see the addition of a named archway at the rear of the park.

Progress Update

Construction fencing has been installed, redundant infrastructure has been demolished and removed. Coloured tree lighting has been tested and electrical and irrigation trenches are complete and concreting works are underway.



Anzac Park Mareeba Night Time Artist Impression, Front View

Infrastructure Services Capital Works Report Project Highlights – June 2023



Anzac Park Mareeba Construction Works

**Infrastructure Services Capital Works Report
Project Highlights – June 2023**



Project Name: Bicentennial Lakes Gravity Sewer Main Upgrade

Program: Wastewater

Background

All works associated with the construction of a sewer gravity main upgrade, inclusive of a water main relocation to enable the works, to service Mareeba. The gravity sewer main installation is located within Bicentennial Lakes, Mareeba. The alignment connects at Rankin Street and discharges upstream of the pump station at Byrnes Street. Works for the gravity sewers will generally be limited to the road reserve between the edge of road and property boundary. The water main relocation is located at Keeble Street and Jacobsen Street, Mareeba. Works for the water main relocation will generally be limited to the road reserve between the edge of road and property boundary.

Scope of Works

Installation of new 450mm gravity trunk sewer main, sewer manholes and connections and relocation and upgrading of water mains located at Keeble Street and Jacobsen Street and connections and valving.

Progress Update

Works commenced mid-May and have progressed well with the contractor achieving majority of pipe installation Strattmann Street. The road pavement along Strattmann Street where the pipe has been installed is scheduled for restoration in the coming weeks.



Strattmann Street installation of the new 450mm diameter gravity sewer main

Infrastructure Services Capital Works Report Project Highlights – June 2023



Project Name: Euluma Creek Road – Widen and Seal CH 9.35-10.13

Program: Rural Roads

Background

Euluma Creek Road is classed as a Local Road of Regional Significance (LRRS) under the Roads and Transport Alliance and is eligible for a maximum of 50% funding from the Transport and Infrastructure Development Scheme (TIDS).

Several projects are currently listed in the FNQROC TIDS Program for the widening of sections of Euluma Creek Road between Black Mountain Road and McLeans Bridge Road to cater for increasing heavy traffic and to address ongoing defects, edge wear and edge drop.

Scope of Works

The existing 5m wide bitumen section is to be realigned and widened to a sealed width of 8m with drainage infrastructure extended accordingly.

Progress Update

Construction works were completed early June and the project was scheduled for bitumen sealing on 20 June. Unfortunately, rain interrupted the sealing works and just under half of the proposed sealing area remains unsealed. Officers are in regular contact with the bitumen sealing contractor to book another date for the completion of the seal but due to the end of financial year work backlog for bitumen sealing companies the remainder of the project will not be sealed until mid-July unless there is a cancellation of sealing works on another project.



Completed Seal



Works yet to be sealed

Infrastructure Services Capital Works Report Project Highlights – June 2023



Project Name: Wolfram Road, Dimbulah - Road Widening Ch 8550 - Ch 10000

Program: Rural Roads

Background

Various sections of Wolfram Road, Dimbulah are single lane bitumen seal and are very prone to edge wear and edge drop. Commercial traffic using Wolfram Road has increased from 5.6% in 2008 to 15.4% in 2020. A wider sealed road will improve road safety, provide transport efficiencies and cater for increased traffic volumes.

Scope of Works

The scope of works includes the widening of Wolfram Road from Ch 8550 to Ch 10000 to a sealed width of 7.5m, the extension of existing culverts to cater for the wider road, the replacement of several existing headwalls, the installation of subsoil drains and the cleaning and re-shaping of existing table and cut-off drains.

Progress Update

Roadside furniture, signage and line marking was installed in June. All works have now been completed.



Wolfram Road before



Wolfram Road after



Wolfram Road before



Wolfram Road after

Infrastructure Services Capital Works Report Project Highlights – June 2023



Project Name: Mulligan Highway/Blacks Road Intersection Widening

Program: RMPC

Background

In January 2023 a variation was added to Mareeba Shire Council’s existing Road Maintenance Performance Contract (RMPC) with the Department of Transport and Main Roads (DTMR) to widen the existing seal at the intersection of the Mulligan Highway and Blacks Road, Mareeba.

Scope of Works

The scope of works was to replace the existing unsealed shoulders with 200mm of Type 2.1 Road Base, seal the new shoulders with 16mm aggregate bitumen seal and then apply a 10mm aggregate bitumen seal over the full width of the pavement.

A decision was made to use Bitumen Reseal funding to extend the widening from the intersection tangent point to the existing causeway on Blacks Road, some 100m northeast of the intersection.

Progress Update

Works commenced in early June and were completed in two weeks. Line marking will be undertaken as part of an upcoming Mareeba town line marking program.



Removing existing shoulder gravel



Replaced shoulder material



16mm aggregate bitumen seal



10mm aggregate bitumen seal over full width

Infrastructure Services Capital Works Report Project Highlights – June 2023



**Project Name: Bilwon Road Bibohra – Road Rehabilitation and Culvert Upgrade
(Querin Road to Rosing Road)**

Program: Rural Roads

Background

In 2021, Mareeba Shire Council had a request from the Queensland Police Service to undertake a safety audit on a section of Bilwon Road between Querin Road and Rosing Road in response to a number of non-fatal traffic accidents. As a result of the safety audit a project was created in Mareeba Shire Council’s Project Prioritisation Tool and Roads to Recovery funding was allocated to the project in the 2022/2023 Capital Works Program.

Scope of Works

The scope of works includes the rehabilitation of the existing section of road, replace the 1800Ø RCPs, generally improve the vertical alignment and provide new driveway crossovers to several residences.

Progress Update

Works commenced in early June and at the time of reporting the clear and grub had been completed, culvert widening and replacement had commenced along with excavating the road down to the new subgrade design depth.



Clear and grub



Excavate to new subgrade design



Culvert haunch zone treatment



Culvert replacement

Infrastructure Services Capital Works Report Project Highlights – June 2023



Project Name: Springmount Road – Curve and Culvert Widening Ch 13.18 - Ch 18.10

Program: Rural Roads

Background

Council received Federal Government funding from the Heavy Vehicle Safety and Productivity Program (HVSPP) to undertake curve and culvert widenings on Springmount Road. The grant will cover 80% of the design and construction costs with the Transport Infrastructure Development Scheme (TIDS) contributing 10% and Mareeba Shire Council the other 10%.

Scope of Works

The scope of works includes the widening and bitumen sealing of curves and associated culverts between chainage 13.18 and chainage 18.10 on Springmount Road. Extensive culvert inlet and outlet works will be required to de-water some of the existing culverts that have silted up after many years of agricultural runoff.

Progress Update

Clear and grub and dewatering activities are currently ongoing.



Culvert de-watering

Infrastructure Services Capital Works Summary Report - June 2023



Project Code	Project Description	Project Stage	Comments
Program: 01 Rural and Urban Roads Reseal Program (Renewal)			
CP00829	22/23 Reseal & Asphalt Program	Construction	RPQ reseals & line marking complete. Ceola Drive asphalt overlay will be undertaken in July. & the work will be delivered late June/July. A line marking assessment of the Kuranda CBD has been completed & a line marking program is being developed for quotation purposes.
CP00835	BETTERMENT Co-Contribution	Procurement	Tenders called, submissions significantly exceeded budget, scope required for review.
Program: 02 Gravel Resheet			
CP00831	22/23 Gravel Resheet Program	Construction	Resheeting of Wetherby Road will recommence once annual cane road maintenance grading is complete & northern grading crew is reestablished in the Julatten area.
Program: 03 Urban Streets			
CP00797	TIDS Rankin/Walsh St Roundabout	Design	Consultant engaged for detailed design.
Program: 04 Rural Roads			
CP00690	TIDS Euluma Ck Rd Ch 9.350-10.130 Rehab	Construction	Partial seal of the project 22/06/2023. Rain stopped sealing operation. Waiting on new seal date from Pioneer NQ to complete the seal. Line marking to follow.
CP00801	TIDS Ootann Rd Section 1&2 Widen & Seal	Design	Design completed. Project scheduled for construction in 2024.
CP00802	TIDS Springmount Rd Widen & Seal	Construction	Project recommenced 26/06/2023
CP00836	R2R Bilwon Rd Rehab & Culverts	Construction	Clear & grub completed. Culvert installation has commenced
CP00837	R2R Wolfram Rd Stage 3 Priority Sections	Completed	Project complete June 2023
Program: 05 Bridges			
CP00711	Granite Ck Mba Replace Footbridge Deck	Procurement	Carryover 23/24 FY
CP00712	Palm Cl Mba Replace Footbridge Boards	Procurement	Timber decking ordered. Work will carry over into 2023/24 financial year
CP00713	Bicentennial Lakes F/bridge Safety Upgr	Procurement	Work will be done in conjunction with Bi Lakes southern upgrade
CP00839	Bullaburrah Ck Rd C'way Relieving Slab	Not Commenced	Carry over to 23/24
CP00840	Clohesy River Barron St Inspect & Design	On Hold	Draft Report received, review underway.
CP00841	Bolton Rd Inspect/Design/Repl Girders	On Hold	Draft Report received, review underway.
CP00842	Barron Riv. Bridge Oakforest Rd Insp/Des	Design	Consultant engaged for design. Project scheduled for construction in 2024.
CP00843	Barron River Cwy Henry H Dr Repl Slabs	Not Commenced	Carry over to 23/24
Program: 06 Drainage			
CP00830	22/23 Minor Culvert & C/ways Renewal	Construction	Concrete crew will be constructing culverts at Bilwon Road & Springmount Road over the next few months. Roll over remaining budget to 23/24 financial year.
CP00844	MBA Amaroo Drainage Upgrades	Design	Design underway.
CP00845	MBA Hastings Dr Replace Concrete Pipe	Construction	Investigations complete and design option being finalised.
CP00938	Tilse Street Upgrade Drainage	Construction	Contribution to Prestige Gardens Subdivision - Trunk Drainage Component. Work significantly progressed by Developer.
Program: 07 Traffic Facilities			
CP00936	Mareeba Aerodrome Signage	Completed	Complete May 2023.
CP0000947	Mareeba Aerodrome Safety & Repairs	Construction	Lighting replacement completed. Upgrades to fire fighting system in progress.
Program: 08 Parking			
CP00715	Borzi Park Mba Carparking Masterplan	Design	Concepts prepared and under review.

Infrastructure Services Capital Works Summary Report - June 2023



Project Code	Project Description	Project Stage	Comments
CP00846	MBA Heritage Centre Carpark Extension	Design	Concepts prepared and under review.
Program: 09 Footpaths			
CP00803	MBA Rail Trail Stage 1 Mba to Airport	Close Out	WW11 bollard to be ordered to replace white ant damaged timber bollard at Mareeba Airport
CP00820	22/23 Shire Wide Footpath Renewal Prog	Planning	Works program currently in development.
CP00850	22/23 Walking Network Upgrade Program	Planning	Program to be developed in conjunction with the walking network plans.
Program: 10 Parks and Gardens			
CP00794	LRCIP2 Mba Byrnes Street Medians	Construction	Community engagement on bin designs completed and designs being finalised for printing
CP00806	DIM Parks Refresh	Procurement	Boundary fence works awarded to fencing Around. Works to commence 16 October 2023.
CP00807	KDA Centenary Park Playground Upgrade	Construction	Construction of playground complete. Refurbishment of stonework and pathways is currently being planned.
CP00809	MBA Bicentennial Lakes (Southern) D&C	Design	Survey complete. Design being finalised.
CP00817	MBA Byrnes St Medians	Not Commenced	Project to be programmed for after March 2024
CP00818	MBA Anzac Memorial Pk L'scaping & Safety	Construction	Electrical conduits and pathways complete. 75% of turf and landscaping complete.
CP00853	MBA Byrnes St Traffic Islands (BP)	Not Commenced	Commence project after March 2024
CP00855	MBA Connection Rd/Byrnes St Intersection	Not Commenced	Commence project after March 2024
CP00857	MBA Costin St Medians	Not Commenced	Trees are now established enough to not require irrigation on a regular basis so irrigation has been turned off and being monitored.
CP00860	KDA Anzac Park Landscaping	Design	Design options prepared. Public consultation to commence in July 2023.
CP00861	KDA Coondoo Street Refurb	Design	Design prepared. Public consultation to commence in July 2023.
CP00862	KDA CBD Planter Boxes & Gardens	Not Commenced	Design prepared. Public consultation to commence in July 2023.
CP00863	DIM Avenue of Trees Irrigation	Construction	Project will be complete by 14/07/2023, weather permitting
CP00865	IRV Bill Newburn Park Refresh	Planning	The play equipment and park furniture requirement has been finalised and project scheduled for second half of 2023.
CP00866	MBA Eastern Catchment Park Amaroo St1	Construction	Playground completed, public consultation has commenced for masterplan.
CP00939	Roscommon Park -Renew Exercise Equipment	Planning	Exercise equipment supply only quotes received and being assessed. Installation requirements and scope of works being assessed in relation to remaining budget.
Program: 11 Water			
CP00730	Mba WTP Study for Upgrade of WW System	Construction	Project scheduled for second half of 2023.
CP00733	BOR6 MWTP Filtration Upgrade	Construction	Project design drawings being finalised ahead of physical construction. Currently everything is on schedule.
CP00824	MBA Clear Water Booster Pump Station	Construction	project pre-start meeting held 29 June and key equipment items such as booster pumps are on order.
CP00868	22/23 Water Pipe Renewal Program	Construction	Final section of works to be completed mid July then project can be closed out.
CP00869	22/23 Water Telemetry/SCADA Upgrades	Close Out	Project works now completed and can be closed out.
CP00871	KDA WTP Auto Backwash on 3 Filter Cells	Planning	Treatment operations staff to liaise with suitably qualified person for the implementation works.
CP00872	22/23 Smart Meters Replacement	Construction	Reticulation staff have replaced a large number of meters and remainder will be completed in new financial year
CP00873	22/23 Hydrant Renewal Program	Completed	Completed June 2023

11/07/2023

2 of 4

Infrastructure Services Capital Works Summary Report - June 2023



Project Code	Project Description	Project Stage	Comments
CP00874	MBA WTP Raw Water Pumps & Electrics	Construction	Project pre-start meeting held 29 June, key equipment items have been ordered with long delivery time frames. Actual physical site works won't commence until October when equipment arrives.
CP00875	22/23 Valve Replacement Program (Retic)	Close Out	Completed June 2023
CP00876	BOR6 22/23 Water Forward Design Program	Design	This project experienced delays due to prolonged wet season a is scheduled to be completed by end of July.
CP00877	MBA Additional Pressure Reduction Valves	Construction	This work will be done in conjunction with the commissioning of the booster pump station
CP00878	MBA Decommission Basalt St Elevated Tank	Construction	This work will be done in conjunction with the commissioning of the booster pump station
CP00879	MBA Decommission Granite Ck Pump Station	Planning	This work will be done in conjunction with the commissioning of the booster pump station
CP00882	WTP Minor Infrastructure Replacements	Construction	Inclement weather held up works and as soon as things dry out the works will recommence, Scheduled for completion by end of July.
CP00883	MBA WTP Clarifier Infra Process Improv.	Design	This project is contingent on the outcomes of the Clarifier improvement processassessment currently underway.
CP0000952	MBA Centenary Park Booster Station Pump	Construction	Replacement pump on order
Program: 12 Wastewater			
CP00736	New Sewer Pump Stn Standby Generators x2	Construction	Electrical contractor currently working to complete the electrical installationworks. Once completed commissioning will be finalized.
CP00740	Granite Ck Mba Sewerage Pump Stn Refurb	Completed	Final claim form the contractor has come in and being assessed prior to payment.
CP00886	MBA Bi-Lakes Sewer Main Capacity	Construction	Project progressing well, QRail wayleave approvals could potentially delay works but we are being very proactive and liaising with QRail to get the applicationapprovals through.
CP00888	22/23 New Standby Generator Program	Construction	Electrical contractor working to complete works so it can be closed out.
CP00889	22/23 MBA Sewer CCTV & Relining	Construction	Contractor has advised that pipe work to enable the completion of the works is scheduled to arrive in the port of Brisbane 16 July though this is subject to change. Once pipe has been transported to Mareeba they'll recommence works and complete.
CP00892	KDA TP RAS System Submersible Pumps	Close Out	Completed June 2023
CP00894	Minor WW Pump Station Refurbishments	On Hold	Project scheduled for second half of 2023.
CP00895	22/23 WW Forward Works Design Program	Design	Designs for upcoming AC pipe replacements underway.
Program: 13 Waste			
CP00789	MWF Construct New Landfill Cells	Design	New cell design now completed for review, along with electrical design.
CP00935	MBA/KDA Transfer Station Security Improv	Construction	Supply chain issues holding up the finalisation of this project
Program: 15 Fleet			
CP00427	GPS Vehicle Management System	Procurement	Onhold pending review of Fleet Program
CP00775	Fleet Refurb Truck Mounted Water Tank	Cancelled	Propose to replace water tank with a purpose built water truck in the 24/25 plant replacement budget
CP00914	Fleet Replace #621 Single Cab Tipper	Procurement	Purchase order raised July 2022. Wait time for delivery 8-12 months. No fixed date of supply yet confirmed, once truck arrives the truck has to go to the body fabricator
CP00915	Fleet Replace #675 Crew Cab Tipper	Procurement	Purchase order raised July 2022. Currently supplier can not give a delivery date, once truck arrives the truck has to go to the body fabricator.
CP00916	Fleet Replace #623 Crew Cab Tipper	Procurement	Purchase order raised July 2022. Currently the supplier can not give a deliverydate, once the truck arrives the truck has to go to the body fabricator.

11/07/2023

3 of 4

Infrastructure Services Capital Works Summary Report - June 2023



Project Code	Project Description	Project Stage	Comments
CP00918	Fleet Replace #6253 Road Broom	Procurement	Purchase order raised September 2022. Currently the supplier can not give a delivery date
Program: 16 Depots and Council Offices			
CP00756	Rankin St MSC Admin Office Refurb	Construction	Works complete
CP00759	Kowa St MSC Depot Emergency Generator	Design	Options under review.
Program: 17 Community Buildings			
CP00749	Aquatic Facility Upgrades & Splash Park	Construction	Spash park opened to the public late June. Heraters operational and in final stages of commissioning and handover.
CP00750	Dimb/Mba/Kda Pools Chloring Dosing Impr	Procurement	Works to be undertaken following completion of Splash park.
CP00753	Mba PCYC Shire Hall Part Roof Replacemnt	Completed	Completed June 2023. Defects have been rectified and awaiting invoice.
CP00793	MBA Women's Restroom Refurb	On Hold	MPO engaged to find lessee for the site.
CP00798	MBA Riverside CPark Amenities Replace	Construction	Works 98% complete. Final certification received. Laundry exhaust and mirrors only to be completed.
CP00819	22/23 Shire Toilet Facility Repl Program	Construction	Programmed for July/August.
CP00827	MBA Community Hub Signage & Seating	Procurement	Shelter ordered.
CP00898	DIM CPark Shower Septic Modifications	Completed	Works now completed.
CP00900	MBA New CBD Toilet Facilities	On Hold	Project on hold.
CP00902	22/23 Facilities Refurbishment Program	Planning	Only to be used with CEO approval.
CP00904	MBA Aquatic Cnt Entrance Upgrade & Paint	Completed	Front entrance mural complete.
CP00905	KDA Community Prec. Toilet Refurb	Completed	Painting works Completed.
CP00906	KDA Aquatic Cnt 25m Pool Auto Fillers	Procurement	Continued discussion with Facility Operator and contractors on delivery of works.
CP00908	KDA Aquatic Cnt 25m Pool Cleaner	Procurement	Refurbishment of Cleaner a possibility rather than full replacement, works/quotations being finalised. Works will be completed prior 30 June 2023.
CP00909	KDA Aquatic Cnt 25m Pool Aquaris Upgrade	Procurement	Equipment assessment completed, quotations underway.
CP00910	22/23 MBA Roof Replacement Program	Completed	Works now completed.
CP00912	MBA Timber Fascia Replacement	Cancelled	Project on hold. Timber fascia's not required at this time. Possible minor maintenance works to be delivered by Mareeba Community Housing Company.
CP00913	22/23 DIM Bathroom Renewal Progam	Completed	Works to be completed internally by Council tradesman.
CP00942	22/23 DIM Town Hall A/C/Solar/Lighting	Procurement	Requests for quote prepared
CP0001087	Aquatic Facilities Equipment	Procurement	Pool Blankets ordered and awaiting delivery.
Program: 18 Non-Infrastructure Items			
CP00446	Kuranda New Cemetery	Construction	Contract for Stage 1 awarded to Ikin Civil, project remains in budget. Reconfi/MCU process continues.
CP00931	DIM Cemetery Lawn Plaque on Beam	Completed	Project complete June 2023
CP00932	MBA MIP Expansion	Planning	Consultancy progressing, draft masterplan to be received end of July 2023.
Program: 20 KIAC			

9.5 INFRASTRUCTURE SERVICES, TECHNICAL SERVICES OPERATIONS REPORT - JUNE 2023
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Date Prepared: 15 June 2023
Author: Manager Technical Services
Attachments: Nil

EXECUTIVE SUMMARY

The purpose of this report is to outline Council's Fleet, Design, Soils Lab, Survey, Quality, GIS, Facilities and Investigation Services activities undertaken by Infrastructure Services during the month of June 2023.

RECOMMENDATION

That Council receives the Infrastructure Services, Technical Services Operations Report for June 2023.

BACKGROUND

Technical Services

Design, quality and investigations:

Investigation activities undertaken in June included:

Activity	Current Requests	Closed Requests
Road Infrastructure Review	66	18
Drainage Investigations	24	3
NHVR Permit Applications	0	14
Traffic Count Surveys	0	15
Parks Investigations	2	1
Miscellaneous <i>e.g.</i> Planning; Local Laws	26	21
Before You Dig Requests	68	68

Soil Laboratory:

Council's Soil Laboratory provides NATA-accredited soil and material testing for internal and external services. Testing undertaken on internal Council projects including Euluma Creek Road, and Bilwon Road.

The Soil Laboratory have been successful in sourcing external works. The laboratory continues to seek further external clients, with capacity for additional external works being available.

Asset Inspections:

Facility asset condition and defect inspections continue, and a review of internal Facility processes/practices is underway to seek efficiency improvements. Inspections are currently targeted towards assisting in the development of Asset Management Strategies for the portfolio.

Ongoing improvements to GIS data associated with water, sewerage, roads, underground stormwater, and kerbs asset data sets continues, as information is received from all areas of Council.

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
Kuranda	Jum Rum Rainforest Estate Stage 1, Fallon Road	Under construction
Mareeba	Amaroo Stage 13	Under construction
Mareeba	Prestige Gardens Stage 1-6	Under construction
Mareeba	Emerald End Road and Country Road	Under construction
Mareeba	Amaroo Stage 12	On-maintenance
Mareeba	7 Haren Street	On-maintenance
Koah	123 Fantin Road (Two Chain Road)	On-maintenance
Mareeba	Kenneally Estate Stage 4	Off-maintenance
Mareeba	The Edge Stage 3	Off-maintenance
Mareeba	Amaroo Stage 11	Off-maintenance
Mareeba	Mareeba Roadhouse and Accommodation Park, Williams Close	On-maintenance - Monitoring
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:

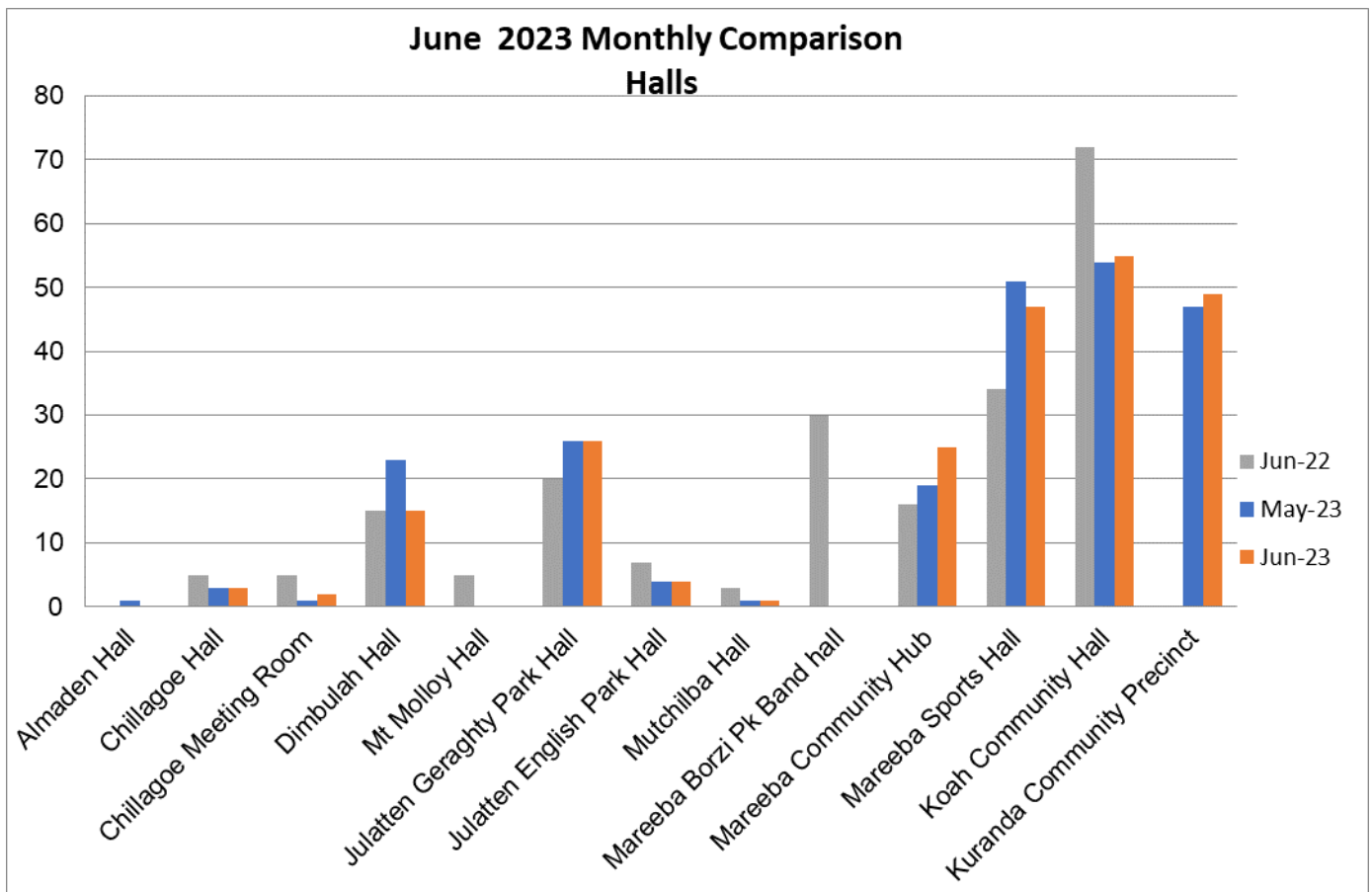
Program	Status
2022 DRFA	Mareeba Shire activated DRFA assistance measures linked Far North Queensland Low Pressure Trough, that occurred 1 – 7 February 2022. Contracts are awarded for works and pre-starts are progressing.
2022 Betterment	Tenders have been received for the package of gully crossing improvements and are under evaluation. Tenders have exceeded the QRA funding amount and the scope is being reviewed in conjunction with QRA.
Fallon Road	Geotechnical works to stabilise the embankment of Fallon Road continue. Minor delays due to wet weather have impeded progress, however works are nearing completion.

Program	Status
2023 DRFA	<p>Activation for DRFA assistance occurred for the Northern and Central Queensland Monsoon and Flooding Event, 20 December 2022 – 30 April 2023. Emergent response activities continue, further information on activities completed is provided in the Infrastructure Services – Works Section Activity Report.</p> <p>Damage inspections are continuing, with submissions being made to the QRA when prepared.</p>

Facilities

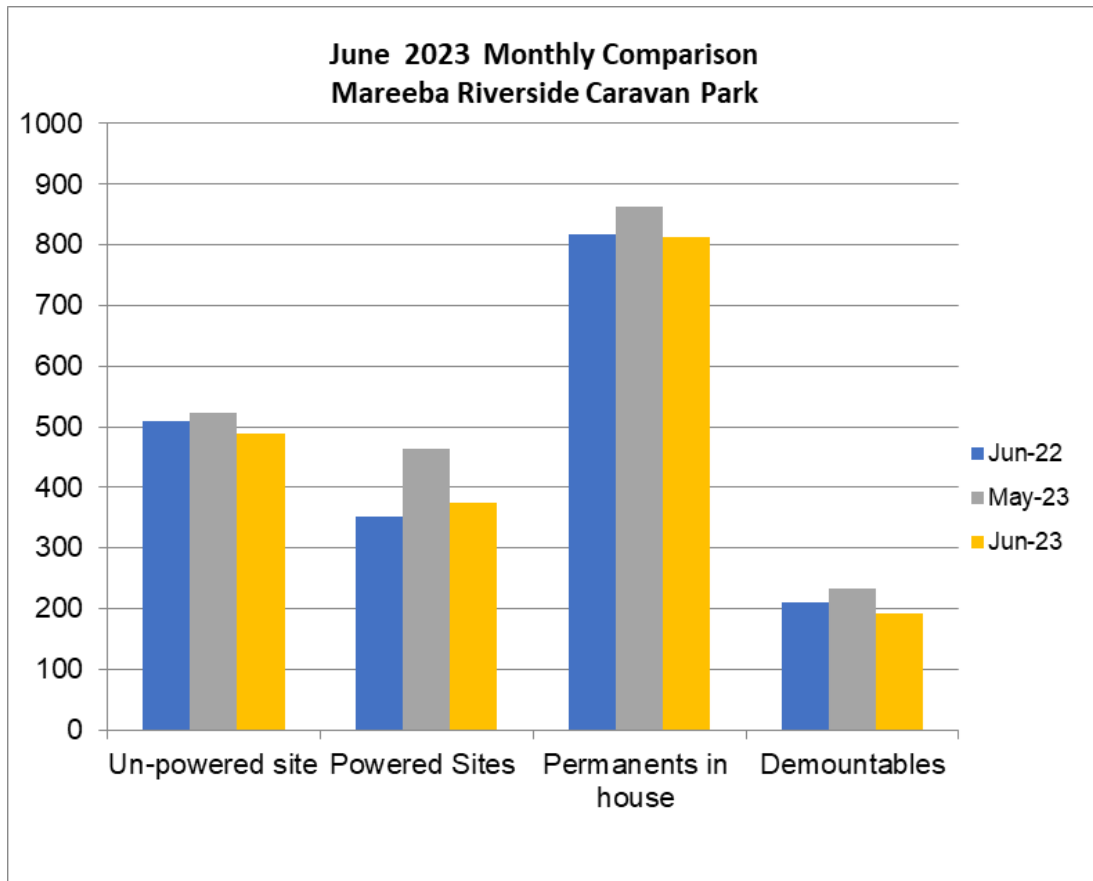
Community Halls:

Maintaining safe and efficient access to Council’s Community Halls is recognised as an important aspect for the community’s ongoing wellbeing. An increase in facility overall usage was noted against the previous month, a comparison with June 2022 period indicates a general ongoing strengthening in usage.

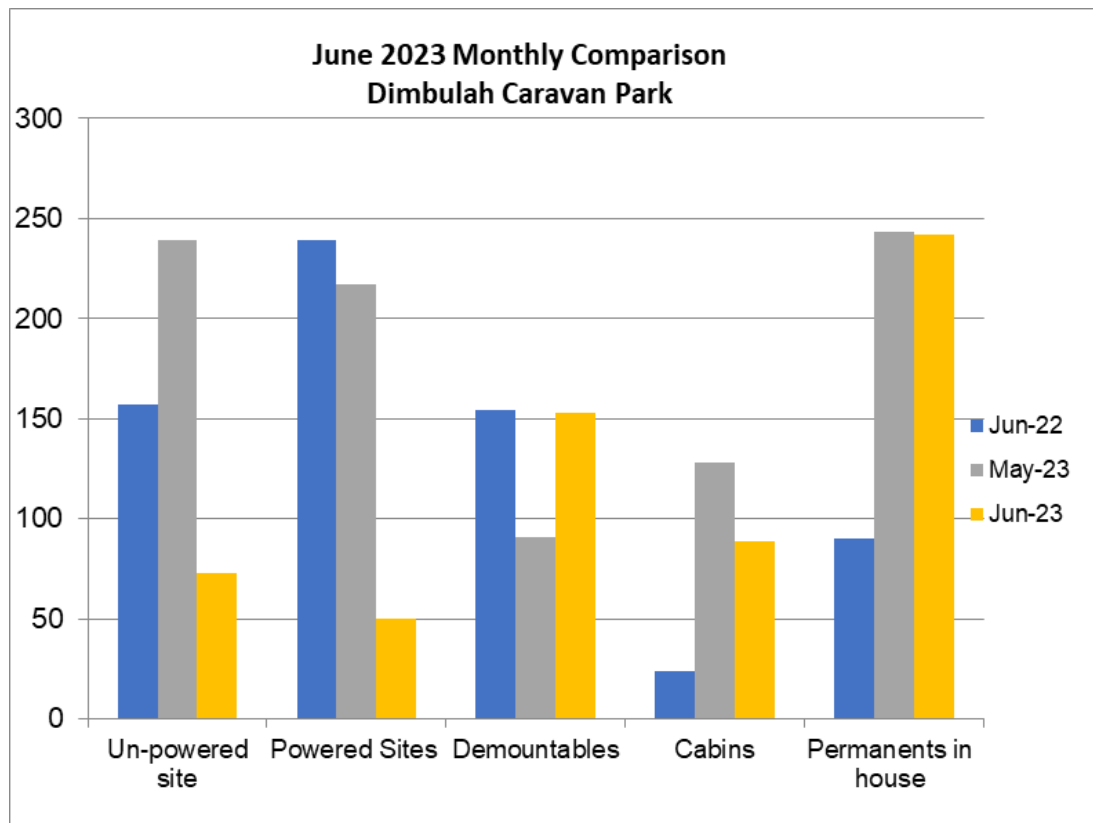


Caravan Parks:

Mareeba Riverside Caravan Park tenant numbers have remained strong across all sectors, however the transition from ‘Farm Workers’ to ‘Grey Nomad’ occupancy has been noted. The transition has traditionally aligned with the cooler months.

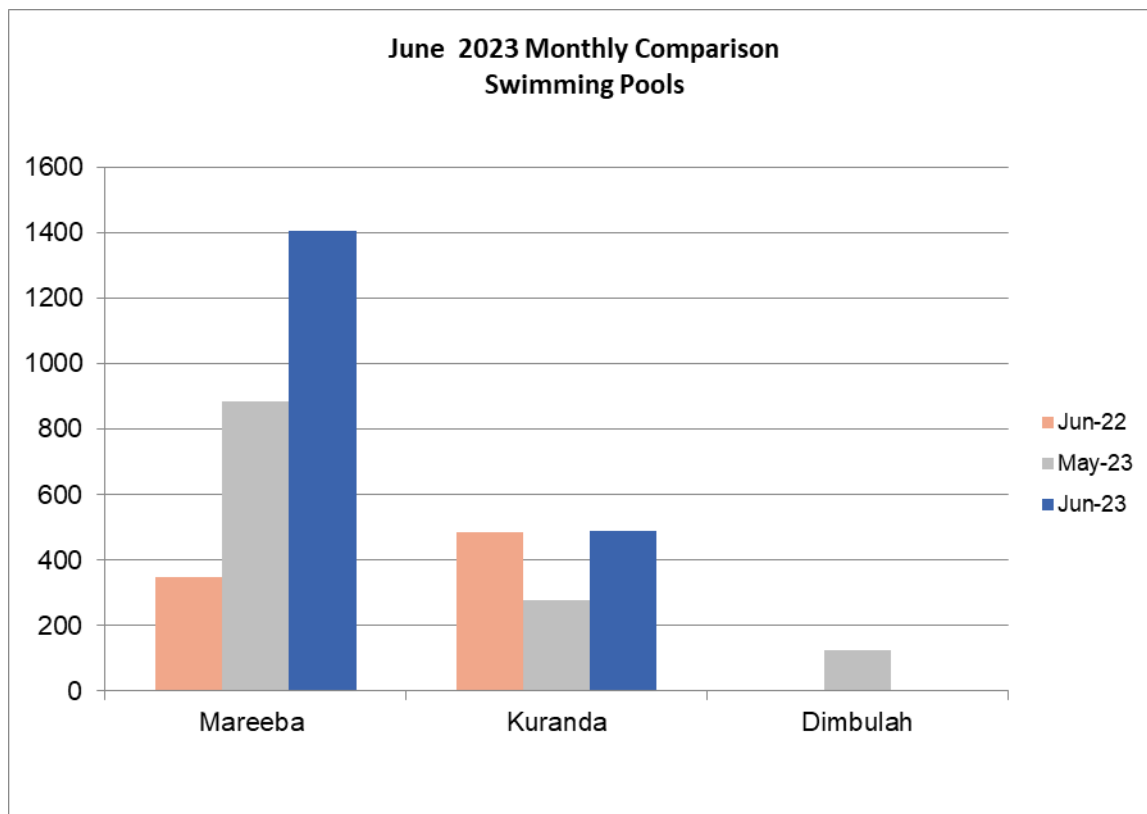


Dimbulah Caravan Park tenant numbers have generally improved and are expected to continue to strengthen. Capital works for the renewal of the septic trenches have now been completed.



Aquatic Centres

Attendance numbers for Mareeba have strengthened in June, which is generally attributable to the Splash park, and Heating for the pools coming on-line. Kuranda attendance remains in line with previous years. Dimbulah Pool is closed for winter and will re-open in early September.



Vandalism & Graffiti:

During June, six (6) reports of vandalism/graffiti were recorded for Council facilities, with annual costs provided below;

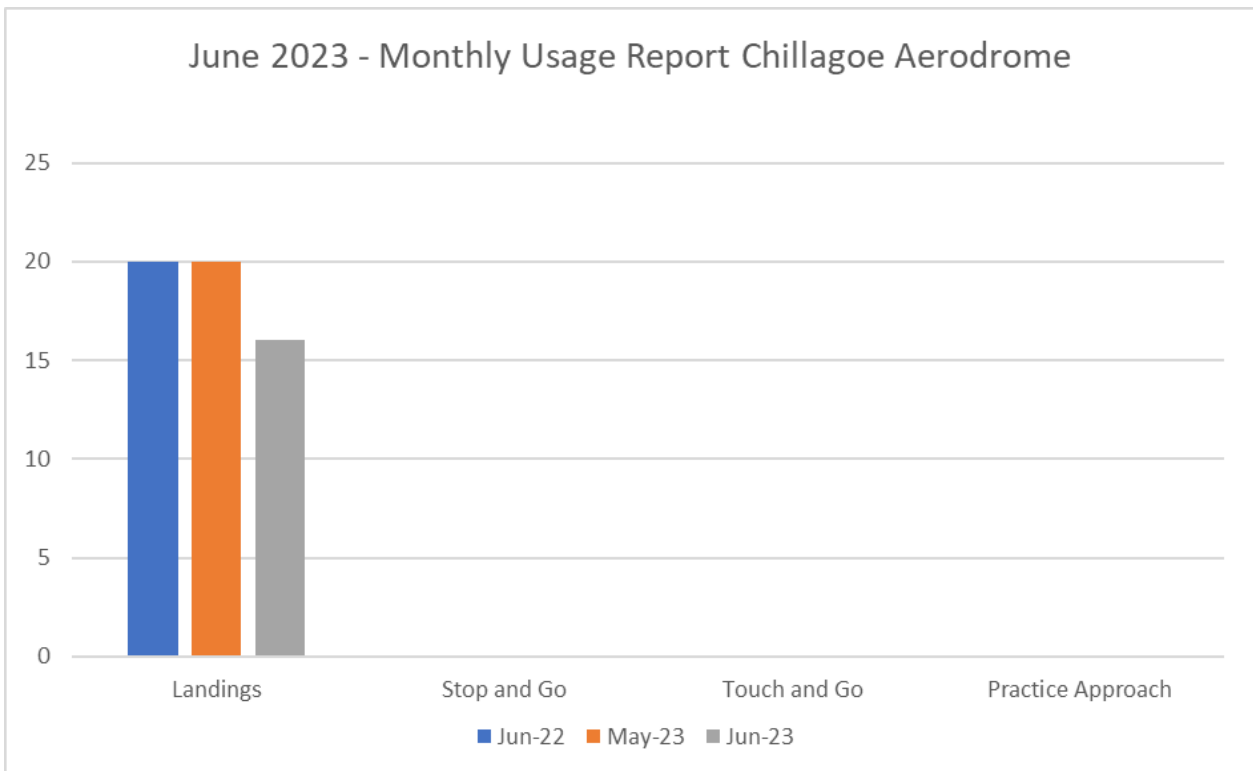
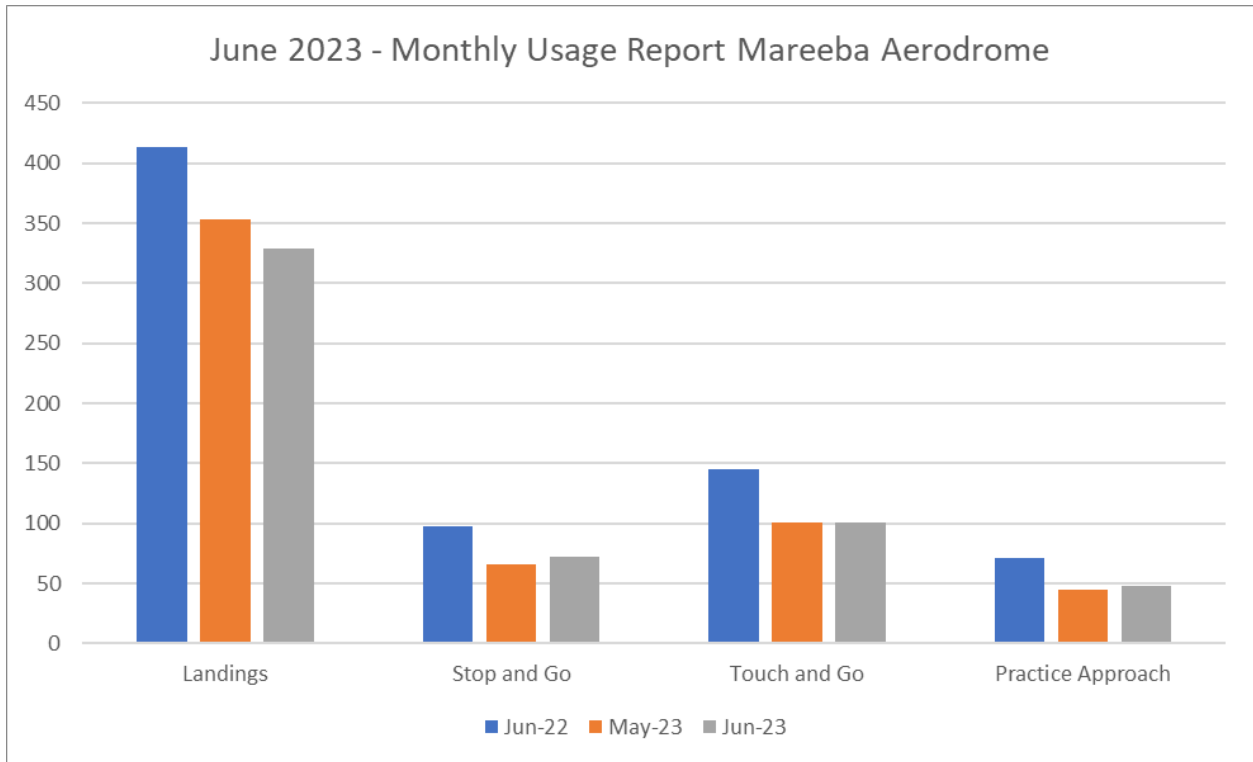
Financial Year	Actuals	Comments – June 2023
2015/16	\$ 2,134.00	<ul style="list-style-type: none"> • Mareeba CWA Toilets – Vandalism x3 • Mareeba Rankin St Office – Graffiti x1 • Mareeba Arnold Park Toilets – Vandalism x1 • Mt Molloy Hall Toilets – Vandalism x1
2016/17	\$ 16,546.00	
2017/18	\$ 23,948.00	
2018/19	\$ 14,851.00	
2019/20	\$ 14,211.18	
2020/21	\$ 62,199.62	
2021/22	\$ 48,301.12	
2022/23	\$33,030.18	

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

Aerodromes:

The data recorded below is current for the month of June, however there is usually a lag of some data for each current month from the service provider, which continues to be updated into the next month.

Landings for both facilities are reduced lower than previous years, however with the extended wet season this has been expected.



FINANCIAL AND RESOURCE IMPLICATIONS***Operating***

Additional cost 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.

9.6 INFRASTRUCTURE SERVICES, WATER AND WASTE OPERATIONS REPORT - JUNE 2023

Date Prepared: 15 June 2023
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 June 2023.

RECOMMENDATION

That Council receives the Infrastructure Services, Water and Waste Operations Report for June 2023.

BACKGROUND

Water and Wastewater Treatment:

All treatment plants are generally performing satisfactorily. Water demand was varied across all schemes. Rainfall in most catchments resulting in decreased consumption per connection.

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.

Data for Mt Molloy is unavailable for the month of June due to a faulty bulk flow meter. Parts are being sourced for replacement.

Water Treatment	Mareeba	Kuranda	Chillagoe	Dimbulah	Mt Molloy*
Water Plant average daily production (kL)	7,185	822	341	345	N/A
Number of Connections	4,385	982	157	272	N/A
Average daily water consumption per connection (L)	1,639	837	2,172	1,268	N/A

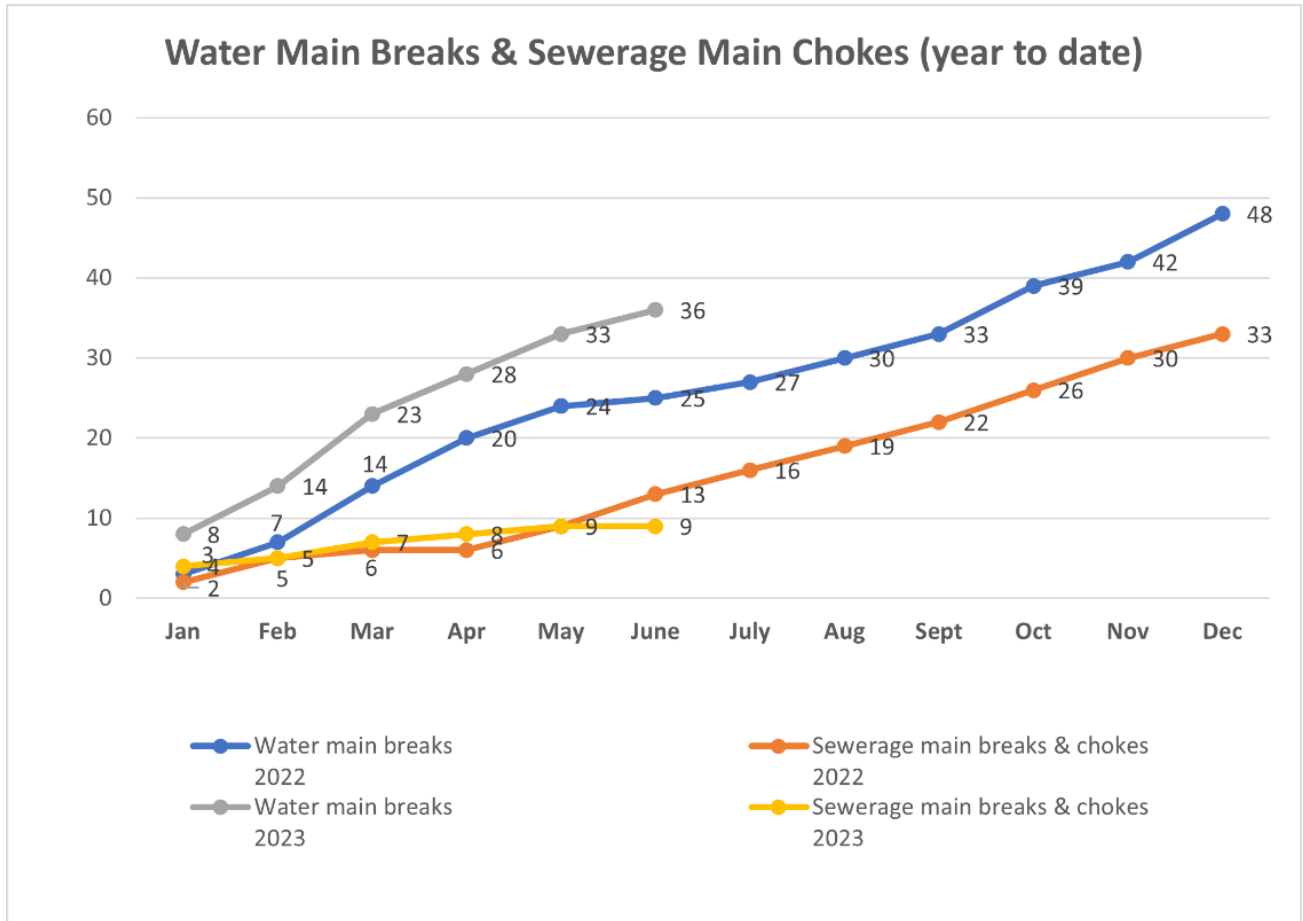
* Mt Molloy is an untreated, non-potable water supply

Wastewater Treatment	Mareeba	Kuranda
Wastewater Plant average daily treatment (kL)	2,525	255
Number of Connections	3,424	346
Average daily inflow per connection (L)	738	737

Water and Wastewater Reticulation:

Council's water reticulation crew attended to three (3) water main breaks, and zero (0) sewer main breaks/chokes this month, and average response times were within targets set out in Council's customer service standard for water services.

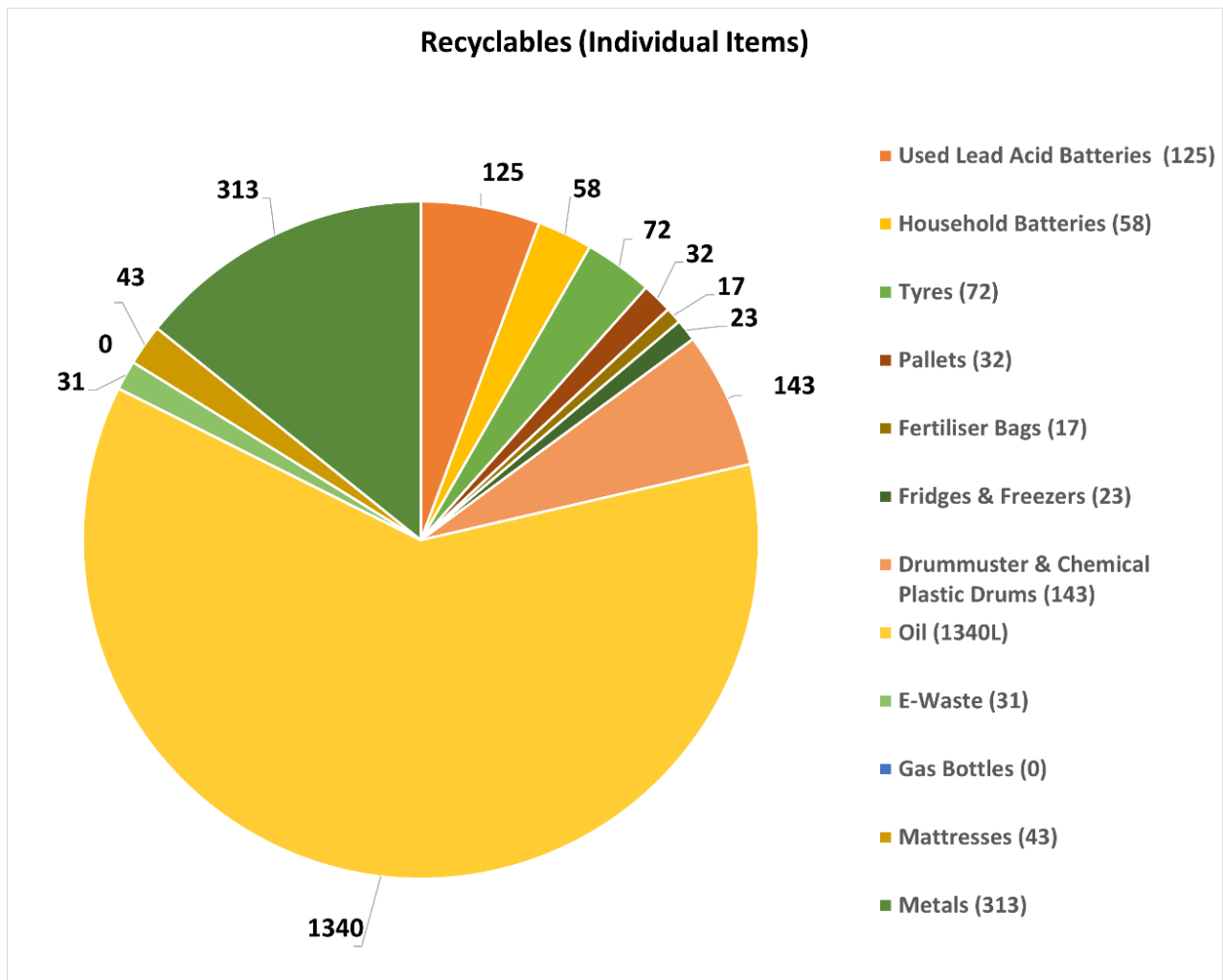
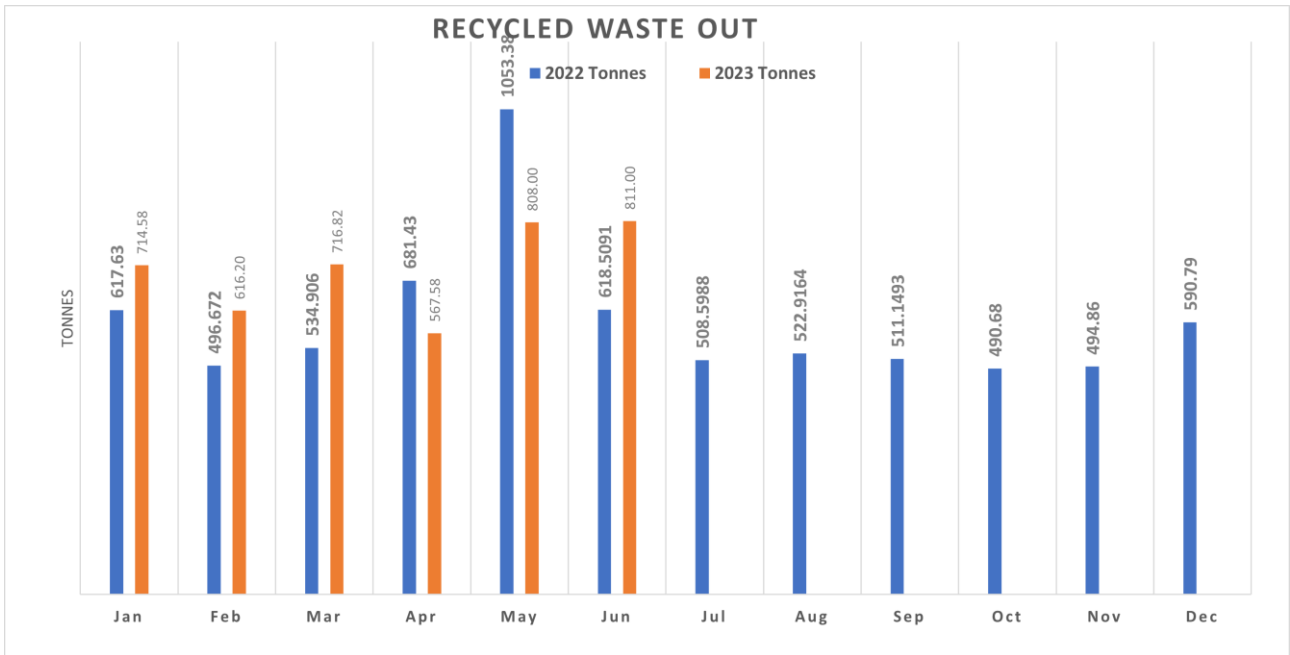
Monthly statistics are shown on the water reticulation main breaks and sewerage main breaks and chokes:



Waste Operations:

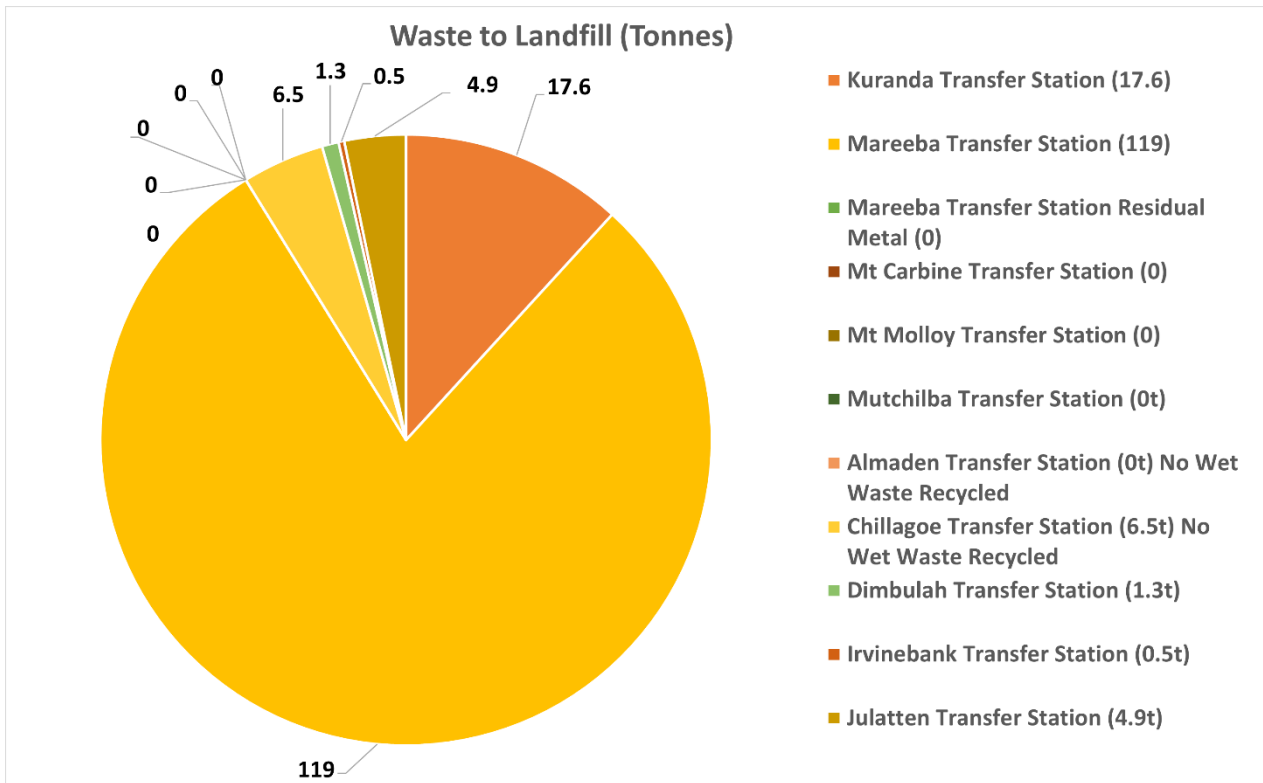
Recycling

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



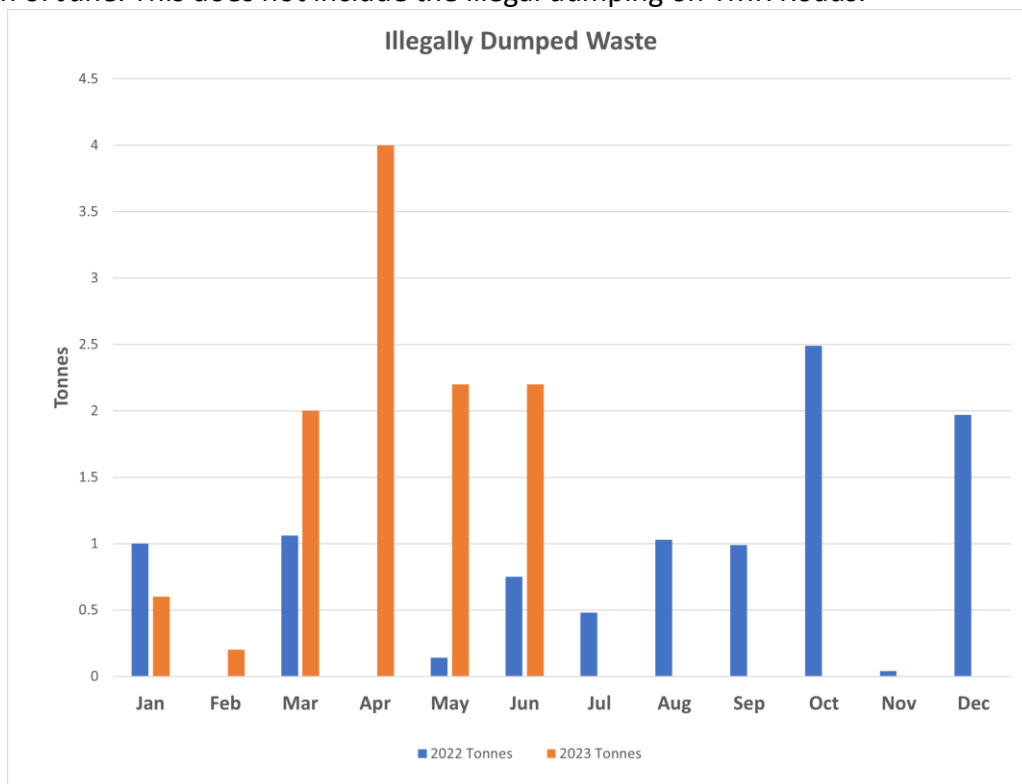
Waste to Transfer Stations

Transfer Station dry waste is transported off site to the Springmount Waste Facility and for the month of June a total of 149 tonnes was sent to landfill.



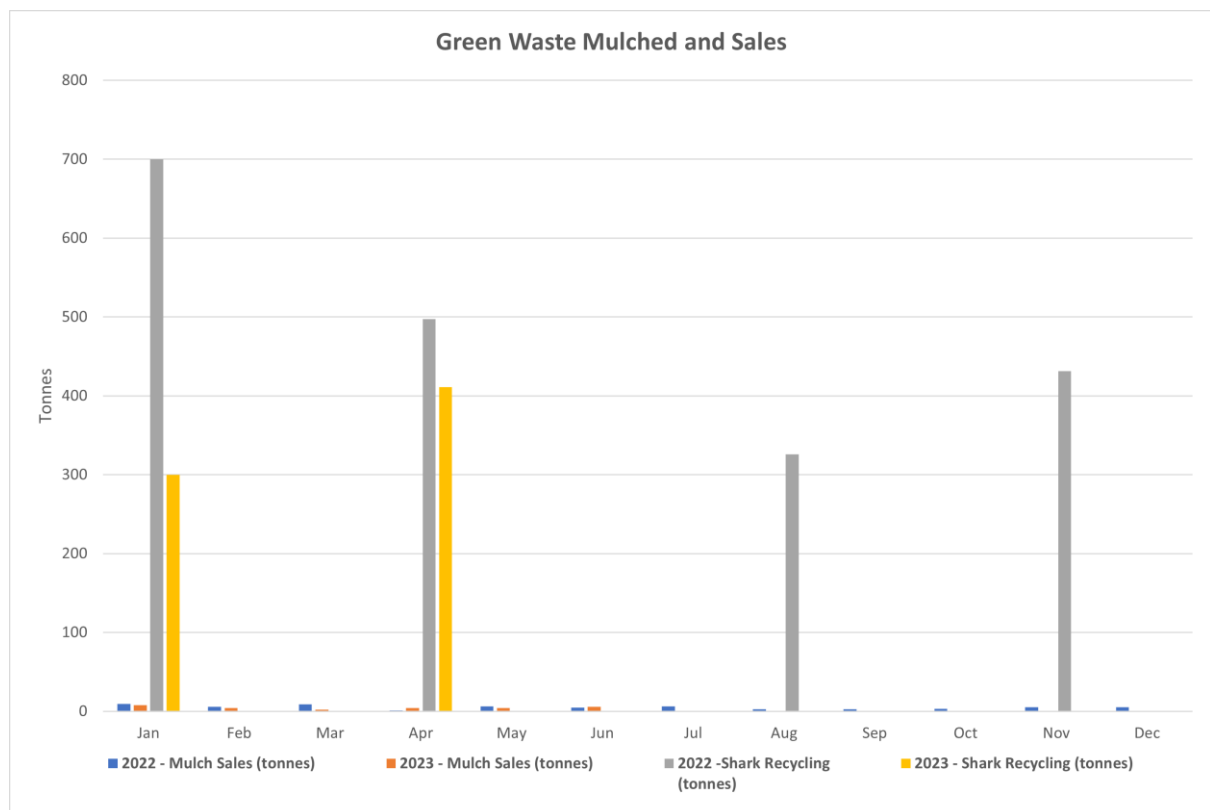
Illegally Dumped Waste

There were 2.2 tonnes of illegally dumped waste recorded through Waste Transfer Stations during the month of June. This does not include the illegal dumping on TMR Roads.



Green Waste

During June, Council received a total of 213 tonnes of green waste. Kuranda recorded 8 tonnes of green waste from locations registered as being potentially contaminated with Electric Ants. Mulched green waste sales increased for the month of June with 5.7 tonnes sold.



RISK IMPLICATIONS**Environmental**

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

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 while delivering affordable levels of identified services within the Shire.

IMPLEMENTATION/COMMUNICATION

Nil

9.7 INFRASTRUCTURE SERVICES, WORKS SECTION ACTIVITY REPORT - JUNE 2023**Date Prepared:** 7 July 2023**Author:** Manager Works**Attachments:** Nil**EXECUTIVE SUMMARY**

The purpose of this report is to summarise Council's Transport Infrastructure, Parks and Gardens and Land Protection operational activities undertaken by Infrastructure Services during the month of June 2023.

RECOMMENDATION

That Council receives the Infrastructure Services, Works Progress Report for the month of June 2023.

BACKGROUND**Transport Infrastructure**Emergent Works

Mareeba Shire Council is eligible for DRFA funding following the activation of the shire under the Northern and Central Queensland Monsoon and Flooding 20 December 2022 to 30 April 2023 event. DRFA emergent works are eligible for repair until 29 July 2023.

During June, the Works Group has undertaken emergent work on the following roads within the shire.

Road	Locality
Mt Spurgeon Road	Mt Carbine
Strathleven Road	Gamboola
Drumduff Road	Gamboola
Nychum Road	Rookwood
Caterina Close	Mareeba

Unsealed Road Maintenance Grading

Road	Locality
Collins Weir Road	Mutchilba
Healy Road	Chewko
Cobra Road	Mareeba
Emerald Falls Road	Mareeba
Ericson Road	Dimbulah
Thornborough-Kingsborough Road	Thornborough

Road	Locality
Lockwood Road	Mareeba
Hodzic Road	Biboohra
Fossilbrook Road	Barwidgi
Amber Road	Amber
Junevale Road	Barwidgi
Braund Road	Dimbulah

Road	Locality	Road	Locality
Metzger Road	Dimbulah	Price Creek Road	Mutchilba
Boonmoo Road	Dimbulah	Carbonate Creek Road	Dimbulah
Wolfram Road	Dimbulah	Mt Nolan Road	Irvinebank
Arbouin Road	Watsonville	Walsh River Road	Watsonville
Bischoff Mill Road	Watsonville	West Bischoff Mill Road	Watsonville
Shiffron Road	Watsonville	Eichblatt Road	Watsonville
Lockyer Lane	Watsonville	Toy Creek Road	Watsonville
Zaicz Road	Watsonville	James Street	Watsonville
Sandridge Road	Watsonville	Cemetery Access	Watsonville

General Maintenance

Activity	Area
Slashing/Mowing	Paddy’s Green, Arriga, Mareeba, Biboohra, Mutchilba, Kuranda, Julatten, Mt Molloy, Dimbulah
Fire Break Installation	Dimbulah, Mutchilba
Herbicide Spraying	Mt Molloy, Julatten
Shoulder Grading	Dimbulah, Koah
Tree Trimming	Mt Molloy, Julatten, Kuranda, Speewah
Patching & Edge Repair	Mt Molloy, Julatten

Customer Requests

During the month of June, the Works Group received 120 Customer Requests (CRs) with 176 resolved (resolved requests include those received prior to June 2023). The table below shows the number of requests lodged per Works Section for the month.

Month	Roads	Parks and Gardens	Pest Management
June	85	27	8

At the time of reporting, the Works Group had 79 open requests.

TMR Routine Maintenance Performance Contract (RMPC)

During June, unsealed road maintenance grading continued on the Burke Developmental Road (BDR) reaching Nolans Creek Bridge. Emergent works were completed at the Carpentaria Shire boundary end of the BDR and the Herberton-Petford Road.

A 1.5km unsealed section of the Herberton-Petford Road at Earwacker Creek was re-sheeted and the seal widening of the Mulligan Highway/Blacks Road intersection in Mareeba was completed. Line marking of the intersection will occur later in the year in conjunction with other line marking programs.

Tree trimming, sign cleaning and drain clearing was undertaken at the Rex Range along with programmed slashing on the Mulligan Highway, Mossman-Mt Molloy Road and the Mareeba-Dimbulah Road.

Parks and Open Spaces

Crews are now only mowing open spaces as required and irrigated sporting fields mowing frequency has been reduced to an eight (8) day cycle. Brush cutting and herbiciding of the Rail Corridor, James and Kennedy Streets, Atherton and Cairns approaches, the BMX track, Anzac Avenue, Sunbird Park and associated drainage networks have been completed.

Other activities undertaken in June include;

- Centenary Park fence panel replacement
- Tree and shrub planting and laying of additional turf at the Mareeba Aquatic Centre
- Anzac Park irrigation installation and vegetation management
- Trim trimming of the walking track between Costin and Morrow Streets
- Slashing of the Rail Trail, Hastie Road, Emerald End Road and the walking track between Costin and Morrow Streets
- Mowing and brush cutting of the Mareeba and Pioneer Cemeteries
- Burials: Mareeba x9, Dimbulah x1, Chillagoe x1

Fire Management

- Mt Molloy RFS conducted a fuel reduction burn on 10 June, no traffic control required
- Mareeba fire breaks are 90% completed, continuing wet weather has hampered the final installation of breaks at the Mareeba Industrial Park. All breaks in Mutchilba and Dimbulah are completed.

Land Protection

Parthenium Weed: Inspections were carried out on 13 sites. All landholders are complying with their biosecurity obligation. Land Protection staff continue to monitor one (1) site every two (2) weeks with the other 12 every three (3) weeks.

Gamba Grass: Mapping has been carried out on known Gamba Grass locations on local road reserves using the ArcGIS mapping system.

Siam Weed: A new Siam Weed infestation has been reported to council at the Mt Carbine mine site, Land Protection Officers (LPO) visited the site and spoke with the on-site management. LPOs mapped Holmes Creek to the south of the Mulligan Highway and removing any plants that were found. LPOs are hopeful the infestation has been detected before reaching the Mitchell River. The Senior LPO met with representatives of EQ Resources and the Australian Wildlife Conservatory (AWC) and it was agreed that EQ Resources would treat the Siam Weed around the mine site down to the Mulligan Highway immediately and AWC will take over the work after next wet season. LPOs will regularly monitor the situation.

Wild Dogs: Baiting was carried out on four (4) cattle properties on the Lynd and Tate Rivers. 1.2 tonnes of meat was injected with sodium fluoroacetate (1080 poison) and distributed over 300,000ha.

FINANCIAL AND RESOURCE IMPLICATIONS***Operating***

All operational works are funded by the section specific 2022/23 maintenance budgets.

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.

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IMPLEMENTATION/COMMUNICATION

Nil