

9.2 PARKS AND OPEN SPACES QUARTERLY REPORT JULY 2023 - SEPTEMBER 2023

Date Prepared: 4 October 2023

Author: Manager Assets and Projects

Attachments: 1. **Parks and Open Spaces Action Plan Update July 2023 - September 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 July 2023 – September 2023.

RECOMMENDATION

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

KEY COMMUNICATION MESSAGES – INTERNAL USE ONLY

Parks and Open Spaces 3 Year Action Plan - Project Update: July 2023 – September 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 2023/24. Grant funding application for funding under Community Gambling Benefit Fund for partial funding not successful.
Pat Kinnear Memorial Park (Chillagoe Town Hall)				Picnic table installation contract awarded. In planning for procurement of play elements.
Dimbulah Parks Revitalisation				Pump track construction commenced. Old playground in Dimbulah Memorial Hall Park and old steel skate ramp to be removed.
Kuranda Community Precinct				Not commenced. Design to commence in mid-2023/24. Potential grant application to leverage Council's funds.
General Playground and Fitness Equipment Renewals - Various Locations				Exercise equipment for Roscommon Park, Speewah has been ordered.
IMPROVE BICENTENNIAL LAKES				
Bicentennial Lakes (Southern) Upgrade				Design for Bicentennial Lakes Southern and Northern Upgrades is complete. Grant funding has been received under Local Government Grants and Subsidies Program for the project design. Construction has commenced on the toilet facility at Mason St and contracts have been awarded for the pump track and play elements.
Bicentennial Lakes (Northern) Upgrade				Community engagement complete 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 is being developed with the community input.
Mareeba Town Walking Trails Upgrades				The Walking Network Plan has been adopted by Council and a Priority Works Program has been developed. Planning has commenced for construction of priority projects. This project was funded by the Department of Transport and Main Roads.

Parks and Open Spaces 3 Year Action Plan - Project Update: July 2023 – September 2023

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.
Kuranda Tourism Parks and Open Space Upgrades*				Centenary Park Kuranda – Playground construction is complete. Further works to refresh the surrounding stone retaining walls and footpaths are in the planning stages. Community consultation complete for Coondoo Street lighting upgrades, pathway refresh and improvements for Anzac Park Kuranda. https://msc.qld.gov.au/current-community-consultation/
Bill Newburn Park (Irvinebank) Upgrade				Picnic table installation contract awarded. Preparations have begun for procurement of a swing set with remaining budget.
Anzac Park (Mareeba) Revitalisation				Construction commenced.
Toilet Facilities Improvements - Various Locations				Centenary Park Mareeba toilet refurbishment has been completed. Mareeba Aerodrome, Mareeba Cemetery, Mt Molloy Vains Park project planning has commenced.
Footpaths Improvements - Various Locations				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.
Park Entrance Signage Improvements - Various Locations				10 park entrance signs have been replaced in February 2022. Funding for this project has been fully expended.
WATER PARK				
New Mareeba Water Splash Park				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.

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

9.3 INFRASTRUCTURE SERVICES, CAPITAL WORKS MONTHLY REPORT - SEPTEMBER 2023

Date Prepared: 5 October 2023

Author: Manager Assets and Projects

Attachments:

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

RECOMMENDATION

That Council receives the Infrastructure Services Capital Works Monthly Report for the month of September 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 2023/24 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 – September 2023



Project Name: Anzac Park Mareeba

Program: Parks and Open Spaces

Background

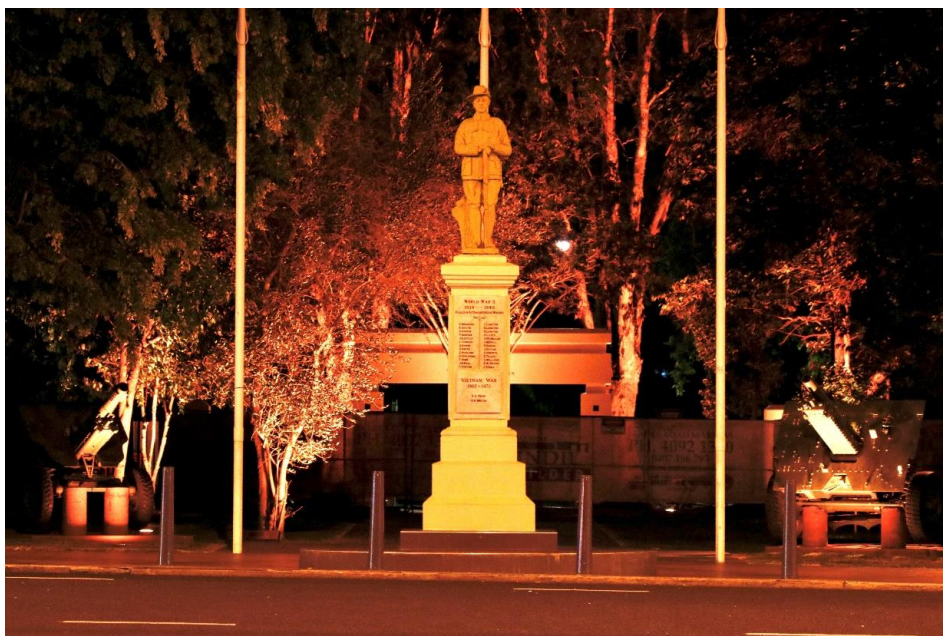
Mareeba Shire has multiple war memorial sites, displays and historical places of interest which honour those in our community who served Australia. As part of the Parks and Open Spaces Strategy, Council recognised the need to revitalise Anzac Park as the focal point for veterans, serving members of the 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

Practical completion has been reached with “Anzac Park” signage for walkway arch on order. A new olive tree has been ordered to mirror the existing olive tree in the park and is proposed to be planted as part of the 2023 Remembrance Day ceremony in November.

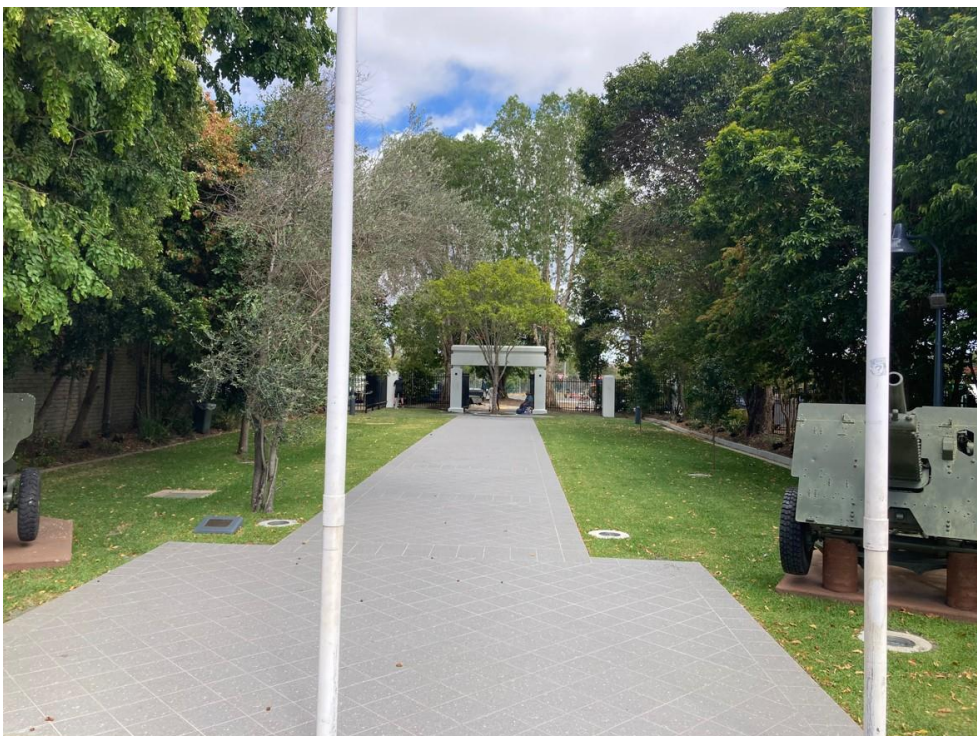


Anzac Park Mareeba – Byrnes Street Entrance Night

Infrastructure Services Capital Works Report Project Highlights – September 2023



Anzac Park Footpath Replacement –new tiled footpath construction



Anzac Park Mareeba Construction Works Practical Completion – Park Open to Public

Infrastructure Services Capital Works Report Project Highlights – September 2023



Project Name: Bicentennial Lakes Revitalisation Project

Program: Parks and Open Spaces

Background

This project will activate the Lakes, breathing life back into the area and surrounds for the enjoyment of our community and visitors.

Scope of Work

The Bicentennial Lakes Project will completely revitalise the Lakes, starting in the southern section between Rankin Street and Keeble Street. In the southern section, the weirs will be removed, and the lakes will be filled to allow for more parkland. A watercourse will remain, although it will be narrower to encourage seasonal rains to flow through into the northern section. Water will no longer stagnate in a series of weirs. The increased parkland will allow for the addition of a playground and outdoor facilities.

Key Features:

- Earthworks to increase parkland in the southern section
- Drainage channel modifications to improve the movement of water
- Construction of a playground and pump track
- New toilet facility
- Footpath improvements
- Construction of outdoor facilities

Progress Update

Waterway improvements and earthworks

The weirs have been removed in the Southern Lakes precinct; the silt is being removed from the drained lakes and rock lining is being installed to reshape into a gully.

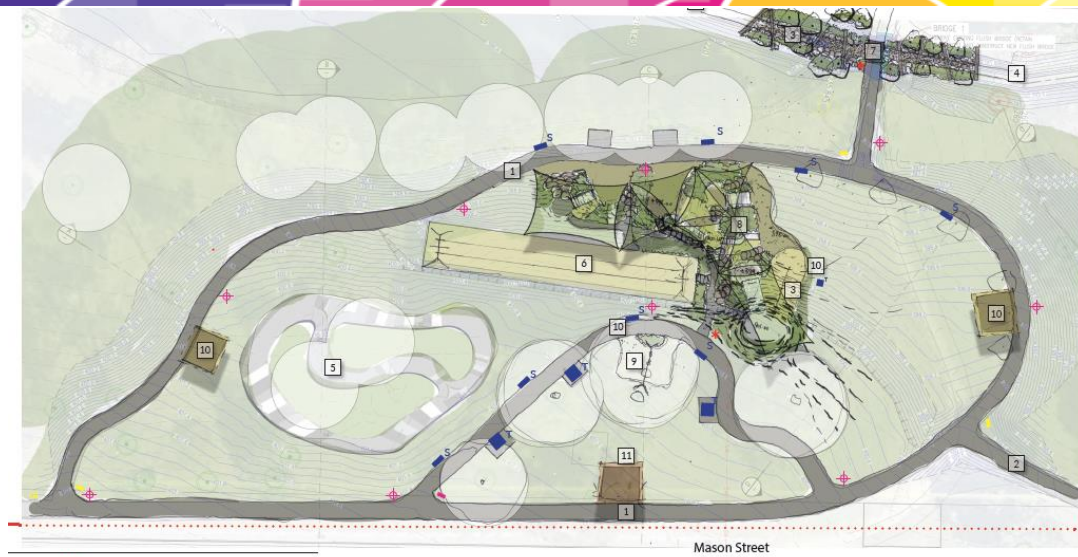
Mason Street Playground

A contract has been let for the pump track construction and construction works are scheduled to commence in late October 2023 and are scheduled for completion in December 2023.

Toilet construction works have commenced.

Playground equipment including a flying fox, hill slides, rope climb net and swing has been ordered for manufacturing.

Infrastructure Services Capital Works Report Project Highlights – September 2023



Bicentennial Lakes Southern Precinct Concept Plan



Bicentennial Lakes Southern Section Weir Removal

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



Bicentennial Lakes Southern Section Reconfiguration Silt Removal



Bicentennial Lakes Southern Section Reconfiguration Rock Lining Installation

Infrastructure Services Capital Works Report Project Highlights – September 2023



Project Name: New Kuranda Cemetery

Program: Cemeteries

Background

The existing Kuranda Cemetery has been approaching capacity for several years necessitating the requirement for Council to acquire a suitable location for the establishment of a new community burial facility. The property located on Kuranda Heights Road became available and was purchased for the purpose of becoming the preferred location for the new facility. The scope of works for Stage 1 will provide burial capacity for the next 10 – 15 years.

Scope of Work

The tendered scope of works includes:

- Earthworks
- Roadworks
- Stormwater Drainage
- Water Supply/ Connection
- Carparking
- Landscaping
- Toilet Block
- Concrete works including: kerbs, pathways, beams

Progress Update

Bulk earthworks to shape the project into the existing surface profile commenced on 18 September 2023 and are almost complete. Favourable weather conditions have enabled significant progress by the Contractor.



Bulk Earthworks to shape surface profile

Infrastructure Services Capital Works Report Project Highlights – September 2023



Project Name: Bilwon Road Bibohra – Road Rehabilitation and Culvert Upgrade

Program: Rural Roads

Background

In 2021, Council received a request through the Traffic Advisory Committee from the Queensland Police Service to undertake a safety review 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 review, a project was adopted 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, replacement of the 1800 diameter reinforced concrete pipes, generally improve the vertical alignment, upgrade the intersections at Querin Road and Rosing Road, and provide new driveway crossovers to several residences to match the new levels.

Progress Update

The project was bitumen sealed on 7 September with concrete batter protection works completed on 12 September. The guardrail will be installed on 4 October with the line marking to follow later in the month.



Bitumen seal – first coat (16mm)



Concrete batter protection reinforcing



Completed two coat seal



Completed concrete batter protection

Infrastructure Services Capital Works Report Project Highlights – September 2023



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

Program: Rural Roads

Background

Euluma Creek Road is classed as a Local Road of Regional Significance (LRRS) under the Roads and Transport Alliance and a critical transport route, servicing the regional sugar mill and landfill facilities as well as quarrying and agricultural properties.

In 2020, Council received a request through the Traffic Advisory Committee from a representative from the heavy transport industry to widen several curves on Springmount Road to provide adequate lane widths to cater for heavy vehicles.

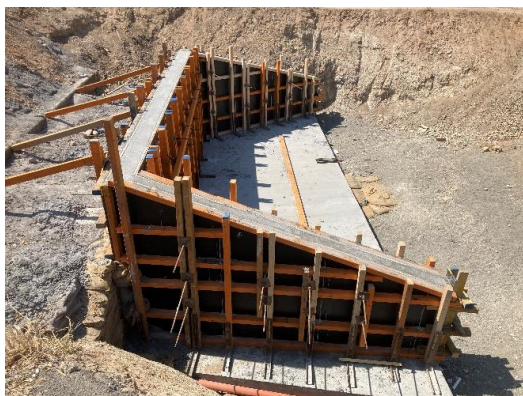
Council received Federal Government funding from the Heavy Vehicle Safety and Productivity Program (HVSPP) to undertake curve and culvert widenings on Springmount Road. The grant will cover 80% of the design and construction costs with the Queensland Government’s Transport Infrastructure Development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

Scope of Works

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

Progress Update

Culvert extensions and headwall installations continued throughout September and pavement widening activities commenced. The first section of bitumen sealing is programmed for 24 October with the final seal expected to be undertaken in mid-November.



Culvert headwall and apron prior to stripping



Completed culvert and apron

Infrastructure Services Capital Works Report Project Highlights – September 2023



Milling out existing shoulder



Replacing milled shoulder with road base

Infrastructure Services Capital Works Report Project Highlights – September 2023



Project Name: 2023/24 Gravel Re-Sheet Program

Program: Gravel Re-Sheets

Background

Council has an extensive road network and is responsible for 1,639km of unsealed roads. Unsealed roads lose gravel over time which requires the placement of additional gravel. This process is called ‘re-sheeting’ and involves reshaping of the roads and drainage as needed, prior to placing, shaping and compacting new gravel road material. An annual allocation has been provided to undertake re-sheeting of gravel roads throughout the Shire.

Progress Update

During September, a 900m section of Pickford Road was re-sheeted with 150mm of Type 4.3 road base. A 200mm layer of select fill material was used prior to importing the road base to raise the level of the existing unsealed road by 350mm. As part of the re-sheeting, four (4) additional culverts were installed to assist drainage in this very flat area.



One of four additional culverts



Detour in place



Compacted select fill



Finished surface

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



Project Name: Bicentennial Lakes Gravity Sewer Main Upgrade

Program: Wastewater

Background

The gravity sewer main installation is located adjacent Bicentennial Lakes and connects the previously upgraded section upstream from Rankin Street and discharges upstream of the pump station at Byrnes Street. The project includes all works associated with the construction of a new sewer gravity main, inclusive of a water main relocation to enable the works.

The project is grant funded through the Queensland Reconstruction Authority (QRA) via the Qld Resilience & Risk Reduction Funding Program (QRRRF) and is expected to be completed in late 2023.

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. Works are generally limited to the road reserve between the edge of road and property boundary.

Progress Update

Works commenced mid-May and have progressed well. Some delays were experienced as a result of changes to the alignment as a result of Queensland Rail requirements, with additional footpath reinstatement and tree removal was required to meet their conditions.

The contractor achieved the following project milestones during September:

- Concrete path reinstatement through Rotary Park
- Construction of 3 sewer manholes in Rotary Park



Reinstatement of concrete footpath through Rotary Park

Project Name: Mareeba Water Plant Booster Pump Station Project

Program: Water

Background

As part of the Mareeba Shire Water Strategy, Council has committed to undertaking upgrades to the Mareeba Water Treatment Plant to cater for future growth and ensure that safe and reliable drinking water continues to be supplied to residents and businesses.

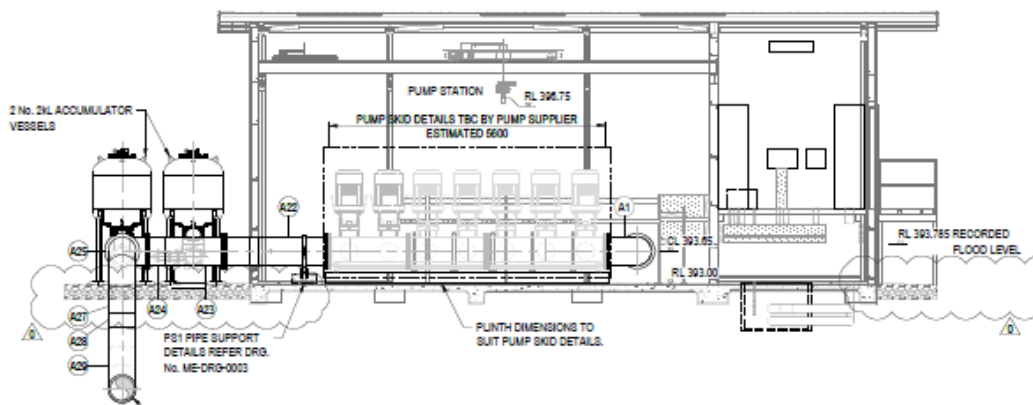
The upgrading of the existing Mareeba Water Plant Booster Pump Station will achieve two (2) critical elements; to lift the firefighting capacity in the Mareeba Township area as there are significant and ongoing pressure issues on the western side of the township, and to ensure Council meets the minimum required water pressure standards to its residents due to increased residential developments particularly on the eastern side and to the southern side of Mareeba.

Mareeba Water Plant Booster Pump Station Upgrade is funded by the Federal Government through the Black Summer Bushfire Recovery Grants Program (BSBRGP) and Mareeba Shire Council.

Scope of Works

The project will upgrade the clear water pump station at the Mareeba township Kowa Street water treatment plant (WTP). The works to be completed are:

- Structural design and certification of new Mareeba BPS building and associated building services works (HVAC, Fire Protection and Building Hydraulics)
- Procurement of pumps, generators and VSD's;
- Construction of the Booster Pump Station including the provision of pumps, switchboards, generator and surge vessels;
- Connection of the new pump station to existing trunk water infrastructure;
- Site civil, pavements, conduits and drainage, and site reinstatement works;
- Construction of concrete slab mounted surge vessel on inlet to Centenary Park BPS and associated pipeworks; and
- Commissioning of the Booster Pump Station for Council operation.



Schematic of new booster pump station

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



Progress Update

Site works have commenced and are progressing well with the contractor undertaking civil earthworks during September.



Civil earthworks for booster station

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



Project Name: Mareeba Water Plant Filtration System Upgrade

Program: Water

Background

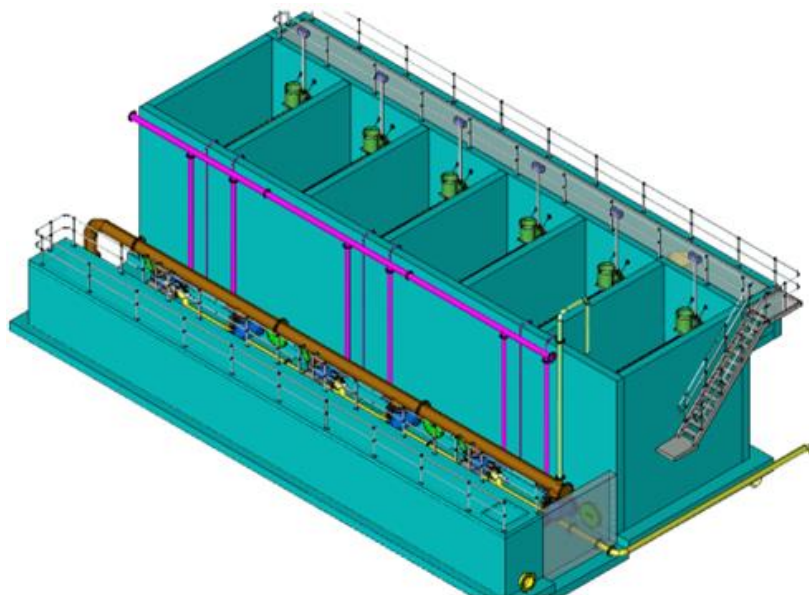
As part of the Mareeba Shire Water Strategy, Council has committed to undertaking upgrades to the Mareeba Water Treatment Plant to cater for future growth and ensure that safe and reliable drinking water continues to be supplied to residents and businesses. One of these upgrades is replacement of the ageing filtration system through construction of a new 6-cell filter block .

In addition to its own funds, Council has received grant funding towards upgrade of the Mareeba Water Plant Filtration System through the Queensland Government’s Building Our Regions program.

Scope of Works

The scope of works includes:

- Construction of a new filtration system consisting of 6 dual media filters with inlet valve/penstock and magnetic flowmeter
- Construction of small new building to house backwashing system
- Construction of a new backwashing system consisting of backwash pumps, air scour blowers, float switches, backwash control valves, filter to waste capability, connection to existing wastewater handling system and associated pipework and valves.
- All necessary valve actuators, motors, drives and instrumentation for automated control of the filters and connection to existing electrical and SCADA control systems
- Modification of existing pipework to connect to new filters
- Earthworks and building approvals
- Commissioning and Testing
- Removal of redundant equipment



Schematic of new filtration system

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



Progress Update

Site works have commenced and are progressing well with the contractor undertaking civil earthworks during September.



Civil earthworks for new filtration system

Project Description	Project Stage	Project Comment
Program: 01 Rural and Urban Roads Reseal Program (Renewal)		
23/24 Reseal & Asphalt Program	Construction	At prestart meeting fgf indicated MSC reseals MAY be undertaken in December. No final works program received as yet.
BETTERMENT Co-Contribution	Procurement	Gully Betterment tender approved by Council and subject to QRA approval.
Program: 02 Gravel Resheet		
23/24 Gravel Resheet Program	Procurement	Pickford Road re-sheet completed 03/10/23. Meeting HQPlantations 06/10/23 to discuss supply of 5,000t of re-sheet material to Black Mountain Road, Kuranda. HQPlantations to lay the material at their cost.
Program: 03 Urban Streets		
Recovery Way (WTS) Rehab Ch 0.176-0.272	Not Commenced	Waiting on advice regarding R2R funding.
Myola Rd Ch 0.2-3.06	Not Commenced	Waiting on advice regarding R2R funding.
Hastie/Constance Upgrade (School)	Design	Detailed design for crossing improvements completed and awaiting lighting design.
TIDS 23-27 Herberton/Constance Inter	Design	Consultant engaged for design. Preliminary design reviewed and returned to Consultant with comments.
TIDS Rankin/Walsh St Roundabout	Design	Preliminary design report received and returned to consultant with comments.
Design Only Mclver Rd Ch. 0.00-7.20	Design	Design phase.
Program: 04 Rural Roads		
TIDS 23/24 Springmount Rd Ch 11.35-12.7	Procurement	Final plans expected by end of October.
TIDS 23-25 Springmount Rd Ch 6.7-7.55	Procurement	Procurement underway.
TIDS Ootann Rd Section 1&2 Widen & Seal	On Hold	On hold pending Federal Government funding review.
TIDS Springmount Rd Widen & Seal	Construction	One culvert headwall remaining to be done. Will be poured week of 9 October. Widening works well underway with first seal of 4,500m2 programmed for 24/10/2023.
R2R Bilwon Rd Rehab & Culverts	Construction	Project sealed 7 September. Guardrail & line marking to be installed late October.
Program: 05 Bridges		
Granite Ck Mba Replace Footbridge Deck	Not Commenced	Not commenced.
Palm Cl Mba Replace Footbridge Boards	Procurement	Timber decking ordered. Work will carry over into 2023/24 financial year.
Bicentennial Lakes F/bridge Safety Upgr	Procurement	Work will be done in conjunction with Bi Lakes southern upgrade.
Bullaburrah Ck Rd C'way Relieving Slab	Not Commenced	Not commenced.
Clohesy River Barron St Inspect & Design	Design	GHD to undertake review of previous design and advise as to whether it remains suitable as replacement project.
Bolton Rd Inspect/Design/Repl Girders	On Hold	Draft Report received, review underway.
Barron Riv. Bridge Oakforest Rd Insp/Des	Design	GHD fee proposal to be received Friday 6 October 2023.
Barron River Cwy Henry H Dr Repl Slabs	Not Commenced	Not commenced.
Program: 06 Drainage		
23/24 Minor Culvert & C/ways Program	Procurement	Four culvert road crossings to be installed on Pickford Road in September.
MBA Amaroo Drainage Upgrades	Design	Design phase.
MBA Hastings Dr Replace Concrete Pipe	Construction	Repair options under review.
Tilse Street Upgrade Drainage	Construction	Works on Manhole Pit underway, anticipate completion by end of October 2023.
Program: 07 Traffic Facilities		
Mareeba Aerodrome Safety & Repairs	Construction	Electrical Engineer reviewing capacity, end of October expect advice. Hydraulic consultant has provided the specifications for remediation works. Quotations being sought for new pumps.
Anzac Ave LATM Upgrades	Design	Initial concept prepared.

Design Only Byrnes St Accessibility	Procurement	Quotations invited for stormwater assessment.
Program: 08 Parking		
Borzi Park Mba Carparking Masterplan	Design	Concepts prepared and under review.
MBA Heritage Centre Carpark Extension	Design	Layout Plan and Quantities provided for pricing. Options provided to Council.
Program: 09 Footpaths		
23/24 Footpath Renewal Program	Planning	Design to provide basic drawings of sites required so quotations can be called.
23/24 Footpath Upgrade Program	Planning	Locations to be identified.
Program: 10 Parks and Gardens		
Mary Andrews Park Repaint Play Equip	Procurement	Replacement parts ordered. Yet to be received.
Kda Com Precinct Parks Upgrade	Planning	Planning commenced for grant funding application.
Mba-Dim Rd/Mulligan Hwy Intersection	Not Commenced	To be undertaken after March 2024.
Byrnes St Median Hedges (Lloyd-Granite)	Not Commenced	To be programmed for after March 2024.
LRCIP2 Mba Byrnes Street Medians	Construction	Meeting 11/10/2023 to plan bin rollout.
Chillagoe Hall Playground Improvement	Planning	Public consultation outcome. 1/2 size basketball court at 10 acre park. Playground equipment refresh at Chillagoe hall. Project scope commenced.
DIM Parks Refresh	Construction	Site mobilization commenced 22 September 2023.
KDA Centenary Park Playground Upgrade	Construction	Defects rectified by contractor.
MBA Bicentennial Lakes (Southern) D&C	Construction	Mason Street toilet block works commenced. Waterway works commenced mid September.
MBA Byrnes St Medians	Not Commenced	Project to be programmed for after March 2024.
MBA Anzac Memorial Pk L'scaping & Safety	Construction	Park open to public.
MBA Byrnes St Traffic Islands (BP)	Not Commenced	Commence project after March 2024.
MBA Connection Rd/Byrnes St Intersection	Not Commenced	Commence project after March 2024.
KDA Anzac Park Landscaping	Design	Design under review following public consultation.
KDA Coondoo Street Refurb	Design	On hold pending grant application outcome.
KDA CBD Planter Boxes & Gardens	Not Commenced	On hold pending grant application outcome.
IRV Bill Newburn Park Refresh	Procurement	Contract awarded for picnic shelter installation. Procurement underway for basic play equipment.
Roscommon Park -Renew Exercise Equipment	Procurement	Equipment ordered.
Program: 11 Water		
Chillagoe WTP Construct Storage Shed	Construction	Builder was on site during August and is to commence works during October and hopefully completed by end of December.
Chillagoe WTP Construct Roof over Plant	Construction	Builder was on site during August and is to commence works during October and hopefully completed by end of December.
Ibis Dam Replace Inlet Feed Pipeline	Planning	Supervisor reticulation liaising with Stores for the procurement of materials required to undertake the works.
23/24 WTP Minor Infra Replace Program	Construction	Various minor projects under way which include the Dimbulah WTP chlorination works and Mareeba WTP sludge lagoon concreting.
23/24 AC Water Main Replace Program	Construction	Tender now awarded and contractor will mobilize to site once materials have arrived.
23/24 Water Telemetry/SCADA Upgrades	Planning	W&W along with IT participating in presentations by iControl on Ignition Historian and with Parasyn on Canary as the current Historian eDNA is at the end of its useful life. Following the presentations a decision will be made on which new Historian platform for W&W will be acquired.
23/24 Retic Valve/Hyd Replace Program	Construction	Currently waiting on more materials to arrive, once received works can recommence and should be completed by end of November.
23/24 Retic Smart Meter Replace Program	Construction	Works on installation of new meters underway and this work will progress for some time.

Mba WTP Study for Upgrade of WW System	Construction	This one won't be completed for some months yet and most likely early to mid 2024.
BOR6 MWTP Filtration Upgrade	Construction	Contractor on site with civil excavation works underway. There are some long lead times on equipment arrivals though at this stage not expected to hold project up but will advise as things progress.
MBA Clear Water Booster Pump Station	Construction	Contractor has mobilised to site with civil works underway, again there are some very long lead times on critical equipment items for this project and will advise as things progress but at this stage the project is on schedule.
MBA WTP Raw Water Pumps & Electrics	Construction	project work is underway with manufacturing of new electrical switchboard, once made the switchboard and electrical cabling will be installed with internal pump station works to follow.
BOR6 22/23 Water Forward Design Program	Completed	Although works are completed and project could be closed out Council are waiting on advice to whether residual funds can be attributed to the Raw Water Pump Station project design .
MBA Additional Pressure Reduction Valves	Construction	This work is being done in conjunction with the booster pump station project.
MBA Decommission Basalt St Elevated Tank	Construction	This work will be done in conjunction with the commissioning of the booster pump station.
MBA Decommission Granite Ck Pump Station	Planning	Project cannot commence until the new water booster station project has been commissioned.
WTP Minor Infrastructure Replacements	Construction	Works will be completed late November to mid December.
MBA WTP Clarifier Infra Process Improv.	Design	Design report completed and received. Project funds could be used for grant seed funding on next BOR grant program.
Program: 12 Wastewater		
Mba WWTP Install Gantry (Blower Room)	Planning	An engineered gantry is required, Council officers to liaise with OSE in Cairns for design.
Mba WWTP Inlet Works Replacements	Construction	New screens ordered and being manufactured, once they're made they'll be shipped to site and installed.
Kda WWTP Intet Works Replacements	Construction	New screen being manufactured and once made will be shipped to site and installed.
Atherton St Pump Station Refurb	Not Commenced	Project subject to grant funding.
Robins St SPS Rising Main Upgrade	Not Commenced	Project subject to grant funding.
23/24 WW Retic Pump Renewal Program	Planning	An assessment will be made during the routine pump servicing in November on which pump/pumps require replacing.
23/24 WW Telemetry/SCADA Upgrades	Planning	W&W along with IT participating in presentations by iControl on Ignition Historian and with Parasyn on Canary as the current Historian eDNA is at the end of its useful life. Following the presentations a decision will be made on which new Historian platform for W&W will be acquired.
23/24 WW CCTV & Relining Program	Construction	Contracts have just been signed off on and works will commence on the regional program with MSC's section to be scheduled in due course.
SPS New Standby Generators	Construction	New generators have arrived and will be installed as soon as practical and have requested assistance form fleet to transport and place the new generators on site.
23/24 WW Manhole Rehab/Replace Prog	Construction	Project tender now awarded and contractor to complete works by end of financial year.
Kennedy Hwy PS Control Board Upgrade	Construction	Project under way with the manufacturing of the new switchboard. Once built it can be shipped to site and installed.
Mba WWTP Sewer Pump Replacement	Procurement	Supervisor Treatment Operations placing an order for the new pump, once it arrives it will be installed.
23/24 WWTP Minor Infa Renewal Program	Construction	Works currently underway and should be completed this financial year.
23/24 WWPS Refurbishment Program	Construction	Working with suitable consultants and suppliers to understand the works required at some key SPS's before commencing works and councils fabricator almost completed the upgrading of shelters to the numn stations in Kuranda.

Infrastructure Services Capital Works Summary Report - September 2023



MBA Bi-Lakes Sewer Main Capacity	Construction	QRail have now denied the Wayleave Application which required a revised alignment along the sections of Keeble St, Railway Ave and behind the Lyons Park. This work has commenced and project is on schedule despite delays caused by QRail.
22/23 MBA Sewer CCTV & Relining	Construction	The last lines to be relined are the large diameter lines and this work necessitates night works and W&W retic staff are involved by isolating the minor pump stations that feed into these lines. The works should be completed in the next month or two.
Minor WW Pump Station Refurbishments	On Hold	Subject to grant funding.

Program: 13 Waste

23/24 Mba L/Fill Leachate Pump Replace	Planning	An assessment will be done in the November service round on which pumps to replace.
23/24 Mba L/Fill PS Pump Replace	Planning	An assessment will be done in the November service round on which pumps to replace.
MBA/KDA Transfer Station Security Improv	Construction	Had ongoing issues securing a CCTV technician and installer, W&W Technical Officer now liaising with another service provider to achieve a positive outcome.

Program: 15 Fleet

Fleet Replace #14 Grader Caterpillar	Procurement	Report to Council 18/10/2023.
Fleet Replace #401 Mini Excavator	Planning	Currently in planning stage.
Fleet Replace #619 Job Truck Tipper	Procurement	In procurement, tender closes 18 October 2023.
Fleet Replace #1206 Mitsu Pool Vehicle	Procurement	In procurement, tender closes 18 October 2023.
Fleet Replace #1210 Mitsu Pool Vehicle	Planning	Currently in planning stage.
Fleet Replace #1231 Toyota WW	Procurement	In procurement stage, tender closes 17 October 2023.
Fleet Replace #1313 Nissan Dual Cab	Procurement	In procurement stage, tender closes 17 October 2023.
Fleet Replace #1402 Mazda Oncall Veh	Procurement	In procurement stage, tender closes 17 October 2023.
Fleet Replace #2055 Mitsu P&G	Procurement	In procurement stage, tender closes 17 October 2023.
Fleet Replace #4050 Kubota Zero Turn	Procurement	In procurement stage, tender closes 17 October 2023.
Fleet Replace #4051 Kubota Out Front	Procurement	In procurement stage, tender closes 17 October 2023.
Fleet Replace Jet Rodder Trailer	Procurement	Waiting delivery, expected mid November 2023.
Fleet New Caterpillar Mini Excavator	Procurement	Waiting delivery. Possible delivery Oct-Nov 2023.
GPS Vehicle Management System	In Progress (for the non-infrastructure projects)	As new equipment comes on line, Procurement will commence. Expected Dec 2023
Fleet Replace #675 Crew Cab Tipper	Procurement	Truck received and with the body fabricator. Waiting delivery date from supplier.
Fleet Replace #623 Crew Cab Tipper	Procurement	Truck received and with the body fabricator. Waiting on delivery date from supplier.

Program: 16 Depots and Council Offices

Mba Depot Admin Building Refurb	Planning	Scope and plan commenced.
Mba Depot Stores Mez Floor Safety Upgr	Planning	Anticipate project completion by early November 2023.
Kowa St MSC Depot Emergency Generator	Planning	Options under review.

Program: 17 Community Buildings

Cedric Davies Hub Disaster Resilience Up	Procurement	Contract for re-roof works awarded to BSP Plumbing. Works to commence late October 2023.
Chillagoe Hall Septic Modifications	Planning	Soil test and design report ordered. Due 6 October 2023.
Mba Aquatic Fac Pump Shed Upgrades	Planning	Working on Scope of Works, quotations.
Mba/Dim Aquatic Condition Assessment	Planning	Condition Assessment scope of works in development. Expect Quotations to be sought end of October 2023.
Dimbulah Hall Replace Roller Doors/Gates	Procurement	Roller door ordered. Due for install 1 November 2023.
Dimbulah Hall Replace Roof	Completed	Major works completed.
23/24 Amenities Refurbishment Program	Planning	Working on scope of works.
Davies Park Lighting Upgrade	Design	Electrical engineer engaged.

Infrastructure Services Capital Works Summary Report - September 2023



Aquatic Facilities Equipment	Procurement	Pool Blankets project near completion, anticipate full completion by end of October 2023.
SES SUPPORT Kda SES External Facility	Planning	Scope and plan works commenced.
Aquatic Facility Upgrades & Splash Park	Completed	Splash Park and pool heaters are operational. Minor emergent and critical electrical upgrades have been prioritised for immediate commencement. Procurement processes will commence for further upgrade works over the coming months.
MBA Women's Restroom Refurb	On Hold	Building Inspection to be undertaken October 2023 to define works required to meet compliance (at time of construction).
22/23 Shire Toilet Facility Repl Program	Construction	Mareeba Cemetery, Vains Park complete. Aerodrome Toilet confirmation of completion underway.
MBA Community Hub Signage & Seating	Construction	Shelter construction finalized. Awaiting seating installation.
KDA Community Prec. Toilet Refurb	Completed	Painting works completed.
KDA Aquatic Cnt 25m Pool Aquaris Upgrade	Procurement	Equipment assessment completed, quotations underway.
22/23 MBA Roof Replacement Program	Completed	Works now completed.
23/24 Park/Sporting LED Lights Arnold Pk	Design	Electrical Engineer undertaking design. Expect receipt early November.
22/23 DIM Town Hall A/C/Solar/Lighting	Planning	Electrical engineer engaged for assessment report and design for solar and aircon.
Program: 18 Non-Infrastructure Items		
Mba Cemetery New Mausoleum Wall	Procurement	Contract awarded to Mindil Pty Ltd. Works to commence 2 October 2023.
WAT Cemetery Lawn Plaque on Beam	Not Commenced	To be programmed.
Tech New Drone & Software	Procurement	Drone received, minor parts yet to be received.
Mba Cemetery New Lawn Beam (x2)	Not Commenced	Will be completed this calendar year.
Mba Cemetery Expansion Planning	Not Commenced	Not commenced.
Kuranda New Cemetery	Construction	Construction commenced 18 September 2023.
MBA MIP Expansion	Planning	Draft Masterplan to be received by October 2023.

9.6 INFRASTRUCTURE SERVICES, TECHNICAL SERVICES OPERATIONS REPORT - SEPTEMBER 2023

Date Prepared: 5 October 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 September 2023.

RECOMMENDATION

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

BACKGROUND

Technical Services

Design, quality, and investigations:

Investigation activities undertaken in September included:

Activity	Current Requests	Closed Requests
Road Infrastructure Review	81	13
Drainage Investigations	23	1
NHVR Permit Applications	0	30
Traffic Count Surveys	0	0
Parks Investigations	3	2
Miscellaneous <i>e.g.</i> Planning; Local Laws	29	13
Before You Dig Requests	0	61

Soil Laboratory:

Council's Soil Laboratory provides NATA-accredited soil and material testing for internal and external services. Approximately 200 tests were undertaken during the month, with just over half of that being for External Clients.

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 sub plans.

Ongoing improvements to GIS data associated with water, sewerage, roads, underground stormwater, and kerbs asset data sets continues, as information is received from other areas of Council. An internal data improvement project for stormwater assets has resulted in improved asset and condition data within the Mareeba Township, with Kuranda Township soon to be completed.

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	Off-maintenance
Koah	123 Fantin Road (Two Chain Road)	Off-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)

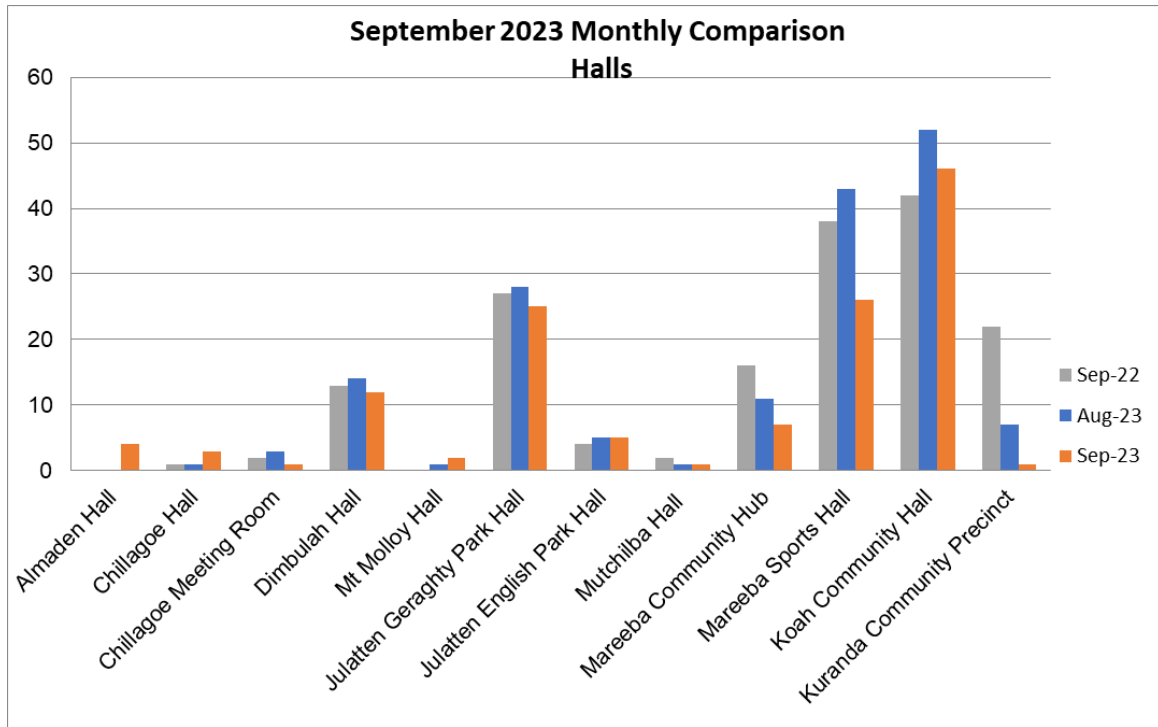
The DRFA is jointly funded by the Commonwealth and Queensland governments to help alleviate the costs of relief and recovery activities undertaken in disaster-affected communities by delivering recovery activities to return affected eligible assets back to pre-event condition. The status of declared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

Program	Status
2022 DRFA	Mareeba Shire activated DRFA assistance measures linked to Far North Queensland Low Pressure Trough, that occurred 1 – 7 February 2022. Contracts awarded for restoration works are progressing well, with the Western contract having reached practical completion and the others nearing completion.
2022 Betterment	Market rates currently with QRA for approval and confirmation that the successful Tenderer selected by Council is accepted.
Fallon Road	Works have been completed.
2023 DRFA	Activation for DRFA assistance occurred for the Northern and Central Queensland Monsoon and Flooding Event, 20 December 2022 – 30 April 2023. Emergent response activities were completed in July with the focus now on completing the damage assessments of the network for QRA submissions.

Facilities

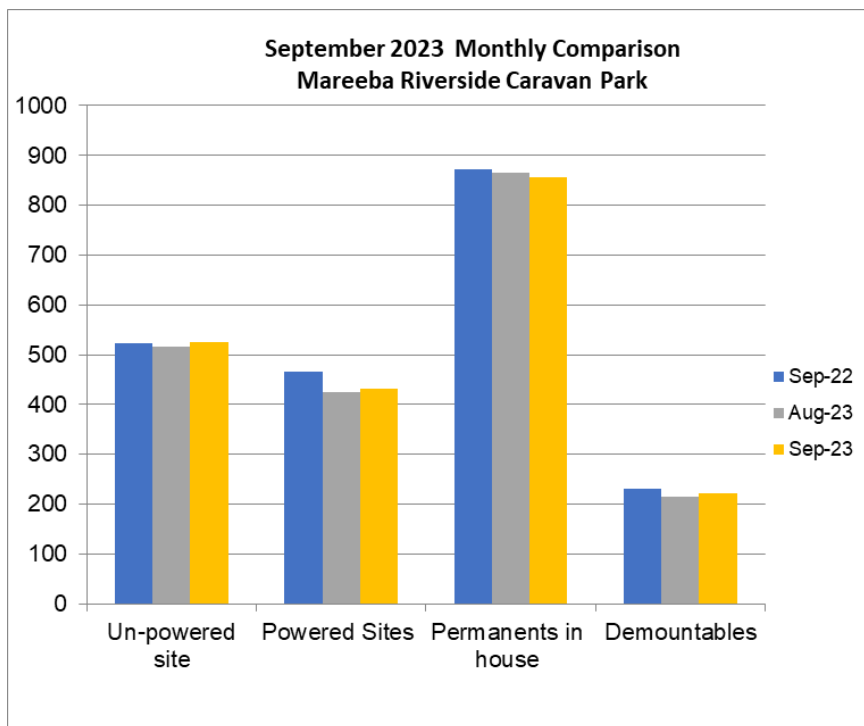
Community Halls:

Maintaining safe and efficient access to Council’s Community Halls is recognised as an important aspect for the community's ongoing wellbeing. Attendance numbers comparative to previous months generally declined slightly. School holidays may have contributed to the varied utilisation rates.

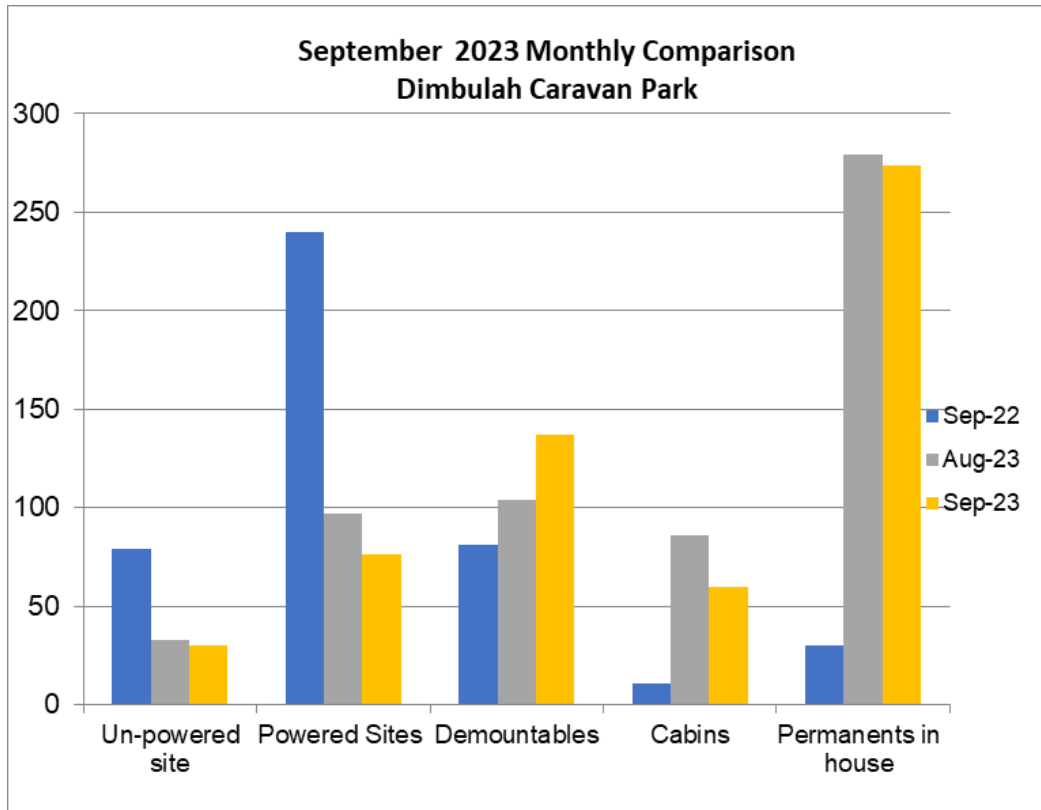


Caravan Parks:

Mareeba Riverside Caravan Park tenant numbers have remained steady across all sectors.

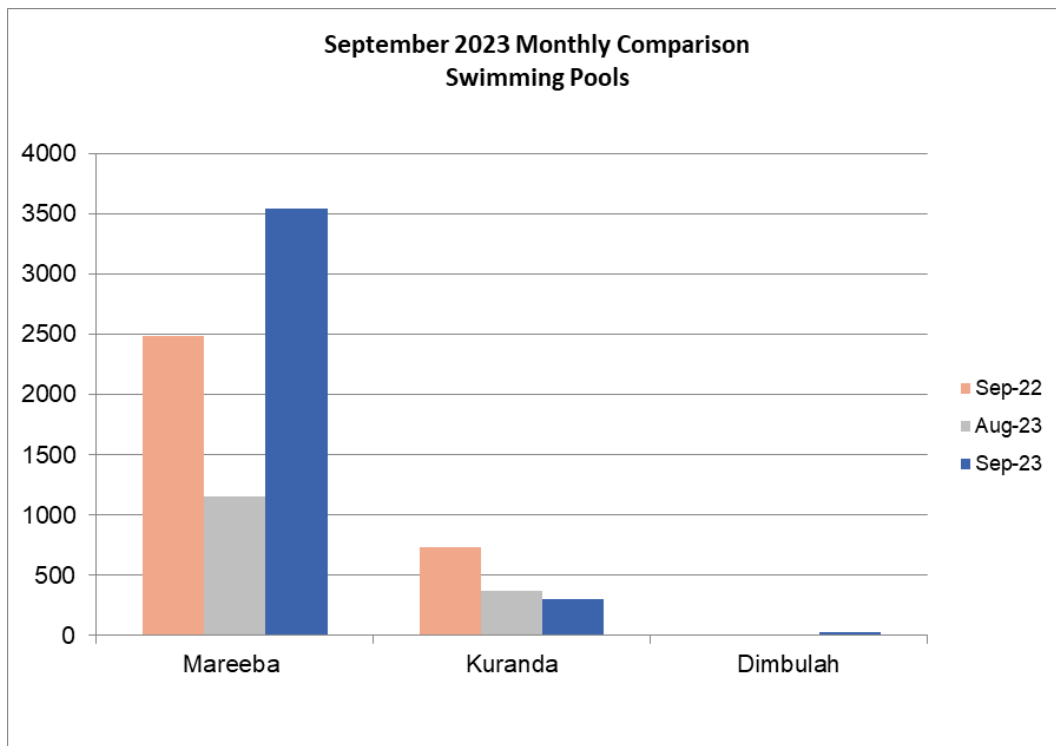


Dimbulah Caravan Park visitor numbers are generally reduced.



Aquatic Centres

Attendance numbers for Mareeba have strengthened in September, which may be attributable to the onset of Summer, School Holidays and the availability of the Splash Park. Dimbulah Pool is open to the public.



Vandalism & Graffiti:

During September, two (2) reports of vandalism were recorded for Council facilities, with annual costs provided below;

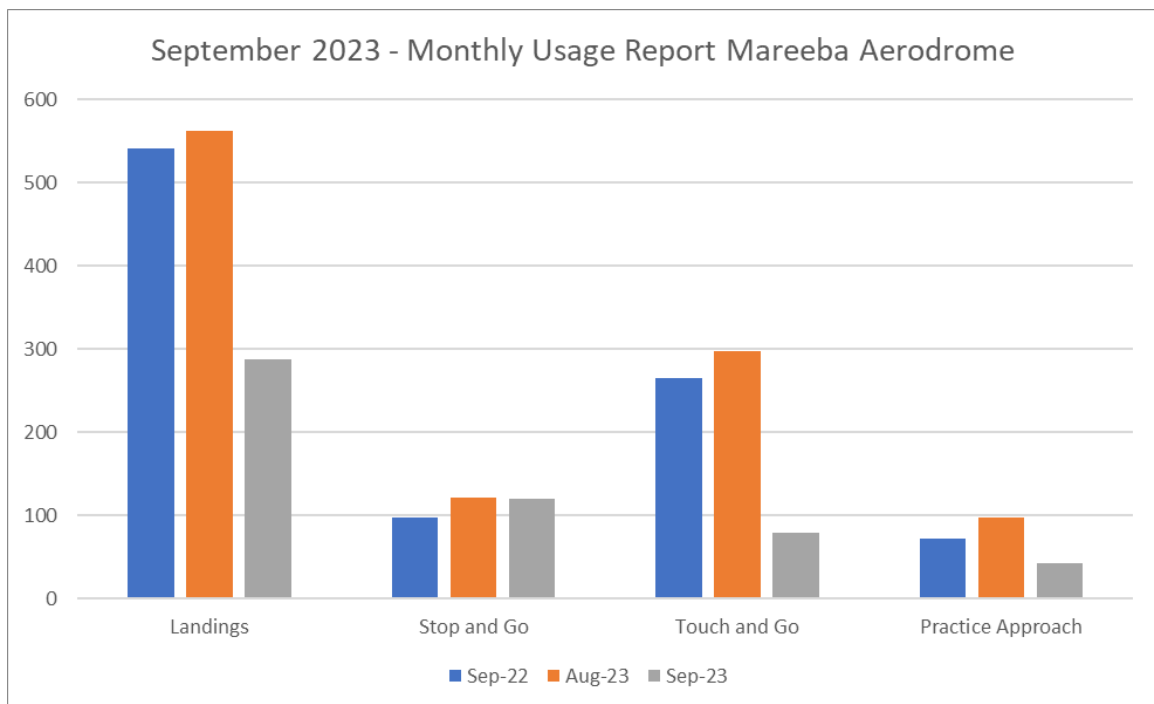
Financial Year	Actuals	Comments – September 2023
2015/16	\$ 2,134.00	<ul style="list-style-type: none"> • Mareeba Heritage Centre Toilets - Vandalism x1 • Mareeba Cedric Davies Community Hub/Library – Vandalism x1
2016/17	\$ 16,546.00	
2017/18	\$ 23,948.00	
2018/19	\$ 14,851.00	
2019/20	\$ 14,211.18	
2020/21	\$ 62,199.62	
2021/22	\$ 48,301.12	
2022/23	\$33,030.18	
2023/24	\$1,152.46	

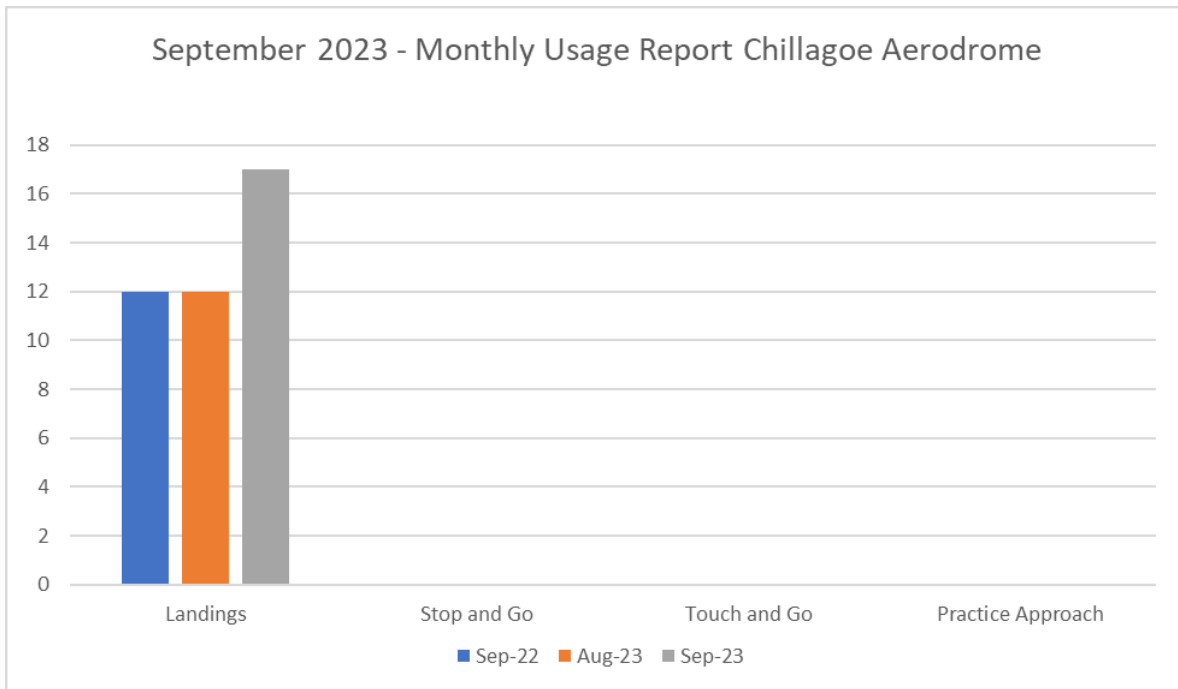
Note - actuals for vandalism/graffiti do not reflect costs to repairs during that period. Incoming expenses for repairs carry over until works are completed.

Aerodromes:

The data recorded below is current for the month of September, 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 comparable with previous years.





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.

9.7 INFRASTRUCTURE SERVICES, WATER AND WASTE OPERATIONS REPORT - SEPTEMBER 2023

Date Prepared: 4 October 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 September 2023.

RECOMMENDATION

That Council:

1. receives the Infrastructure Services, Water and Waste Operations Report for September 2023; and
2. accepts the proposal received from Container Exchange (QLD) Limited (COEX) and Cairns Recycling for expansion of Eligible Container recycling solutions in Mareeba Shire to be undertaken in conjunction with Council:
 - a. Kuranda Bag Drop – Arara Street, Kuranda;
 - b. Eligible Container Bins – Public bin trial, Kuranda CBD; and
 - c. Transfer Station Collection and Management – Mareeba Shire Waste Transfer Stations.

BACKGROUND

Water and Wastewater Treatment:

All treatment plants are generally performing satisfactorily. Water demand was varied across all schemes. Rainfall in most catchments has resulted in decreased consumption per connection compared with previous years.

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 September due to a faulty bulk flow meter. Parts are being sourced for replacement. Connections have been updated with information provided by the Rates Section to correspond with annual KPI reporting.

Water Treatment	Mareeba	Kuranda	Chillagoe	Dimbulah	Mt Molloy*
Water Plant average daily production (kL)	10,042	846	354	477	N/A
Number of Connections	4,141	1053	127	246	111

Average daily water consumption per connection (L)	2,425	804	2,783	1,939	N/A
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** Mt Molloy is an untreated, non-potable water supply*

Wastewater Treatment	Mareeba	Kuranda
Wastewater Plant average daily treatment (kL)	2,087	199
Number of Connections	3,519	356
Average daily inflow per connection (L)	593	558

Mareeba Water Treatment Plant Upgrades:

Three (3) critical infrastructure projects at the Mareeba Water Treatment Plant (MWTP) have commenced as part of Council’s 10-year Water Strategy:

- MWTP Filtration System Upgrade
- MWTP Raw Water Pump Upgrade
- MWTP Booster Pump Station Upgrade

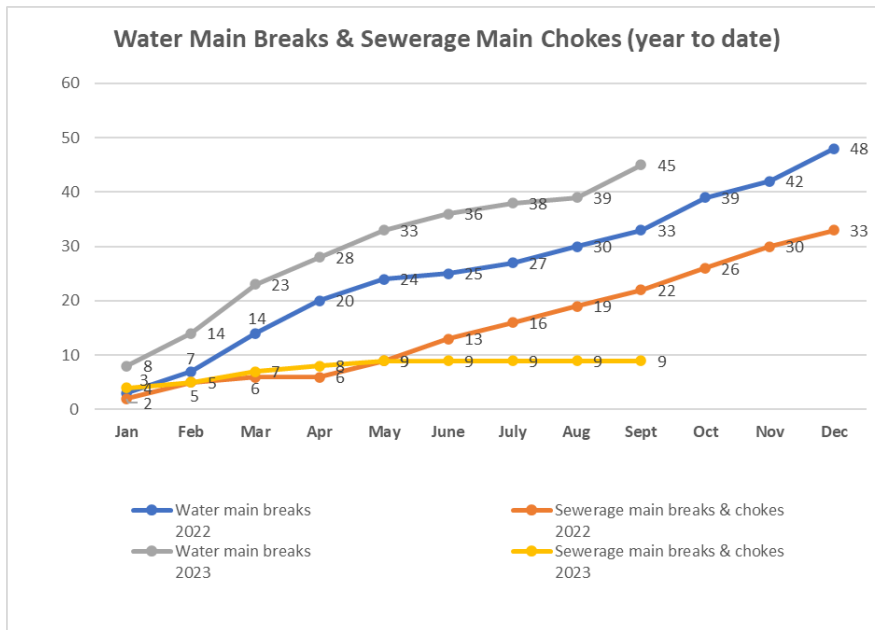
These projects will increase capacity of the plant and ensure that Council is able to supply safe water to residents and businesses in Mareeba now and into the future. Completion of the upgrades is programmed for mid-2024.

While these works occur at the Mareeba Water Treatment Plant there may be disruptions from time-to-time. As a result, the community will be asked to conserve water and reduce consumption during the upgrades. It may be necessary to introduce water restrictions to enable certainty of water supply to residents.

Water and Wastewater Reticulation:

Council's water reticulation crew attended to six (6) water main break, 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.

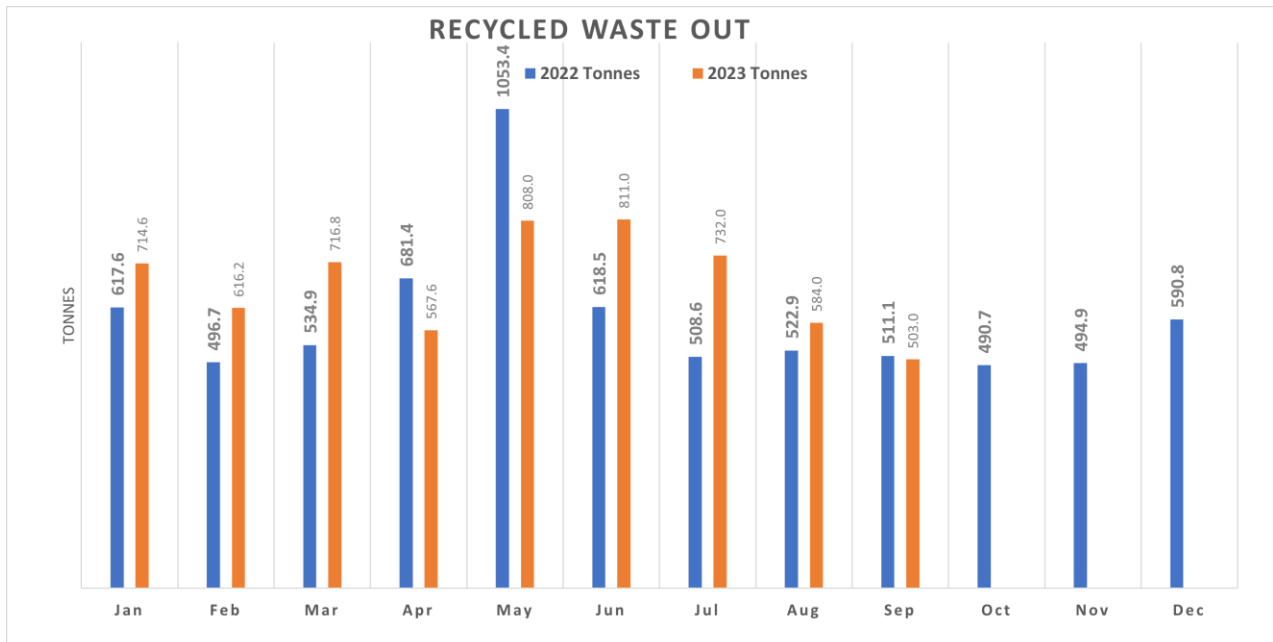
Monthly statistics are shown on the water reticulation main breaks and sewerage main breaks and chokes:

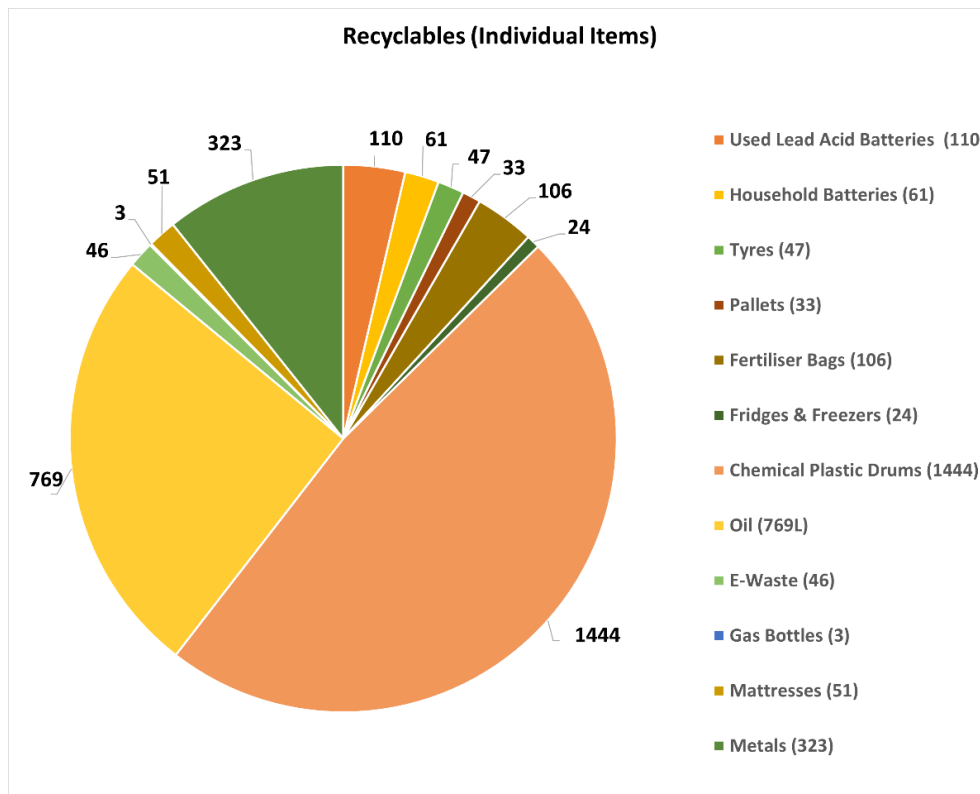


Waste Operations:

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. During September, 461 tonnes of waste was processed through the ARRF, and 17.8 tonnes of domestic items were recycled at the MRF. The quantity of individual recycled items received at transfer stations throughout the Mareeba Shire remained consistent during September. This highlights the interest the community has in recycling facilities provided by Council.





Containers for Change: Eligible Container Solutions Trial and Partners For Change Program

Container Exchange (QLD) Limited (COEX) and Cairns Recycling have approached Council and proposed expansion of Eligible Container recycling solutions in Mareeba Shire to be undertaken in conjunction with Council.

COEX is the not-for-profit organisation engaged by the Queensland Government to establish and run the Containers for Change Scheme in Queensland and Cairns Recycling is their appointed sole provider (Operator) of the Container Collection Service throughout this region.

These initiatives will have a positive impact on the environment, community, and socioeconomics of the Region. Recyclable materials are diverted from landfill and renewed into resources and the community benefits through increased cost benefits, community engagement, education, and awareness of recycling. Additionally, this proposal requires minimal administration on Council’s part with data and reporting to be provided to Council as part of the Partners for Change Program.

The COEX proposal comprises of three (3) key solutions:

1. Kuranda Bag Drop – Arara Street, Kuranda
2. Eligible Container Bins – Public bin trial, Kuranda CBD
3. Transfer Station Collection and Management – Mareeba Shire Waste Transfer Stations

Solution 1: Kuranda Bag Drop – Arara Street, Kuranda

Cairns Recycling has made an application to Council for placement of a shipping container style Bag Drop to be installed at Arara Street, Kuranda to be operated by Cairns Recycling. This site is already home to several yellow-lid bins for the community to recycle their domestic waste and a home-made cage for Eligible Container donations to the Men’s Shed.

Presently, any materials, including Eligible Containers placed in the yellow-lid bins are taken away by Council’s Waste Transfer Station operator, aggregated and transported to the Cairns Materials Recycling Facility (MRF), where they are sorted. Council pays for the pick-up, transport to Cairns and

the MRF gate fee. Council is returned a portion of the revenue for Eligible Containers that are processed by the MRF, however this does not cover the costs associated with the activity. The Men’s Shed currently handles the Eligible Containers placed in the caged bin (under an arrangement with Cairns Recycling) and receives the revenue.

Cairns Recycling has proposed to replace the existing Men’s Shed cage with an attractively branded self-contained shipping container-style Bag Drop for the community to either donate to the Men’s Shed, charity of their preference or cash in their eligible containers.

This style bin will improve the aesthetics of the site, provide higher security for donations, reduce waste to landfill (and reduce costs associated costs for transport and handling), and give the community a nearby solution for Eligible Container recycling.



Existing recycling area at Arara Street, Kuranda



Example of proposed container to replace caged bin facility

In acknowledgement of the mutual benefits this facility would provide, Cairns Recycling has requested Council to waive the application fee and the annual fee for the commercial use of the Council-controlled area associated with the request:

- Application fee of \$308; and
- Annual Renewal fee of \$184.

Solution 2: Eligible Container Bins – Public bins trial, Kuranda CBD

A trial of six (6) Eligible Container street bins is proposed in Kuranda town centre. This will provide recycling opportunities for the local community and thousands of travellers moving throughout Kuranda to divert Eligible Containers from landfill and promote Kuranda as an environmentally friendly destination.

Cairns Recycling would provide Council with Containers for Change (white top) 240L wheelie bins with drink container holes in the lids at no cost to Council. These will be placed in prominent locations in Kuranda CBD and collected by Cairns Recycling.



240L Eligible Container bin example

The proposal is expected to result in a cost saving to Council, however the value is not known at this time. Presently, all public litter collected in Kuranda, including Eligible Containers, is taken to the Advanced Resource Recovery (ARRF) Facility, where Council pays for the transport, ARRF gate fee, and disposal of residual waste. Eligible Containers, which presently end up in the residual waste stream, could be disposed of in the new bins, and would then be recycled through the Containers for Change program.

The purpose of the trial will be to determine whether there is adequate take-up of the service, quantify contamination and theft, and determine whether the system could be further rolled out in Kuranda or other locations throughout Mareeba Shire.

Solution 3: Waste Transfer Station Collection and Management

Cairns Recycling has offered a Waste Transfer Station (WTS) collection and management system for Council to assist customers with separating Eligible Containers at the WTS. Bulk bins would be provided at the WTS to provide customers with the option to separate eligible containers, which will be collected by Cairns Recycling for processing.

The proposal is expected to result in a cost saving to Council, however the value is not known at this time. Presently, Council provides yellow top bins at WTSs for customers to place their recyclable items, including Eligible Containers. Like the yellow top bins at Arara Street, all recyclable materials, including Eligible Containers are aggregated and transported to the Cairns Materials Recycling Facility (MRF) where they are sorted. Council pays for the handling, transport to Cairns and the MRF gate fee. Council is returned a portion of the revenue for Eligible Containers that are processed by the MRF, however this does not cover the costs associated with the activity. Separating Eligible Containers at the WTS will result in cost savings as there will be no cost to Council for collection and recycling of Eligible Containers disposed on in the new bins.

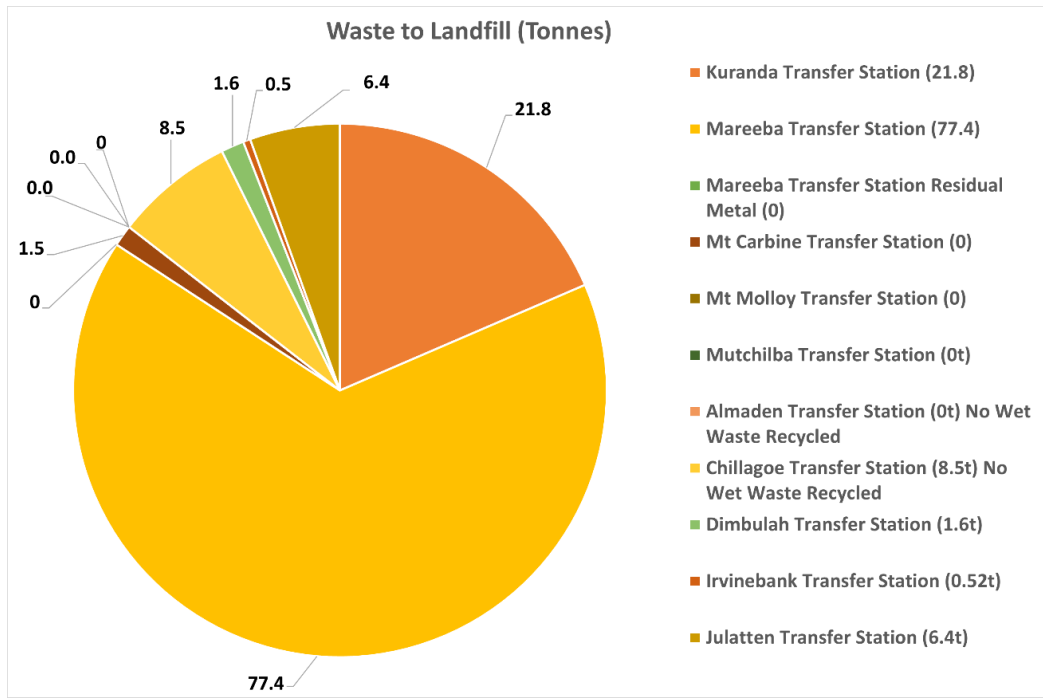
The initial rollout has been suggested for Mareeba and Kuranda, followed by Julatten and potentially other WTSs in Mareeba Shire.



WTS Bulk bin example

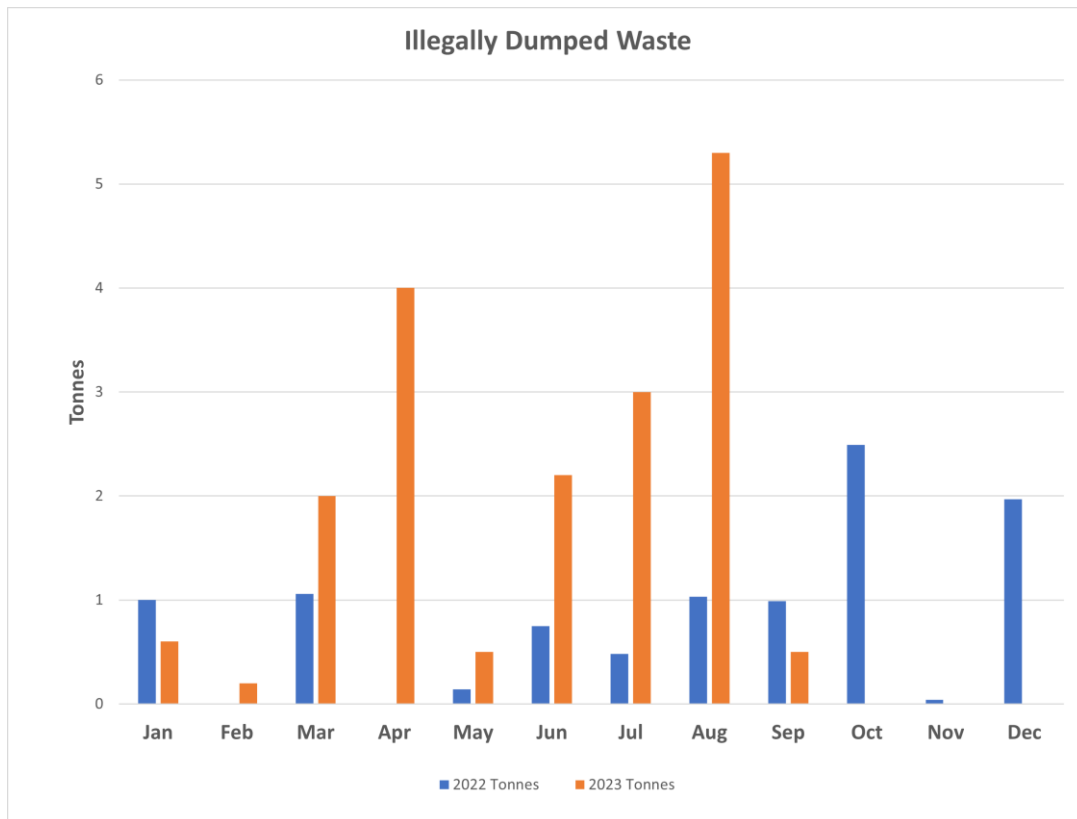
Waste to Transfer Stations

Transfer Station dry waste is transported off site to the Springmount Waste Facility. During September a total of 118 tonnes of waste was sent to landfill. Mareeba Transfer Station produced majority of the waste to landfill during the month at 77.4 tonnes.



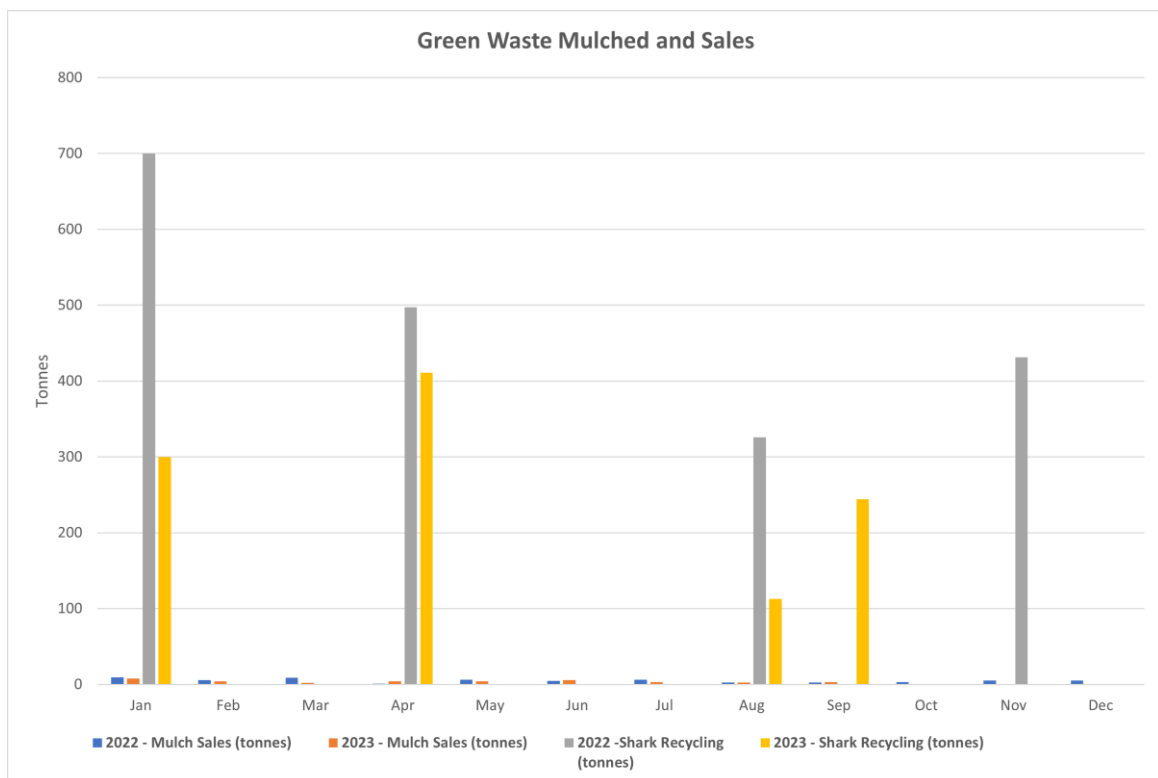
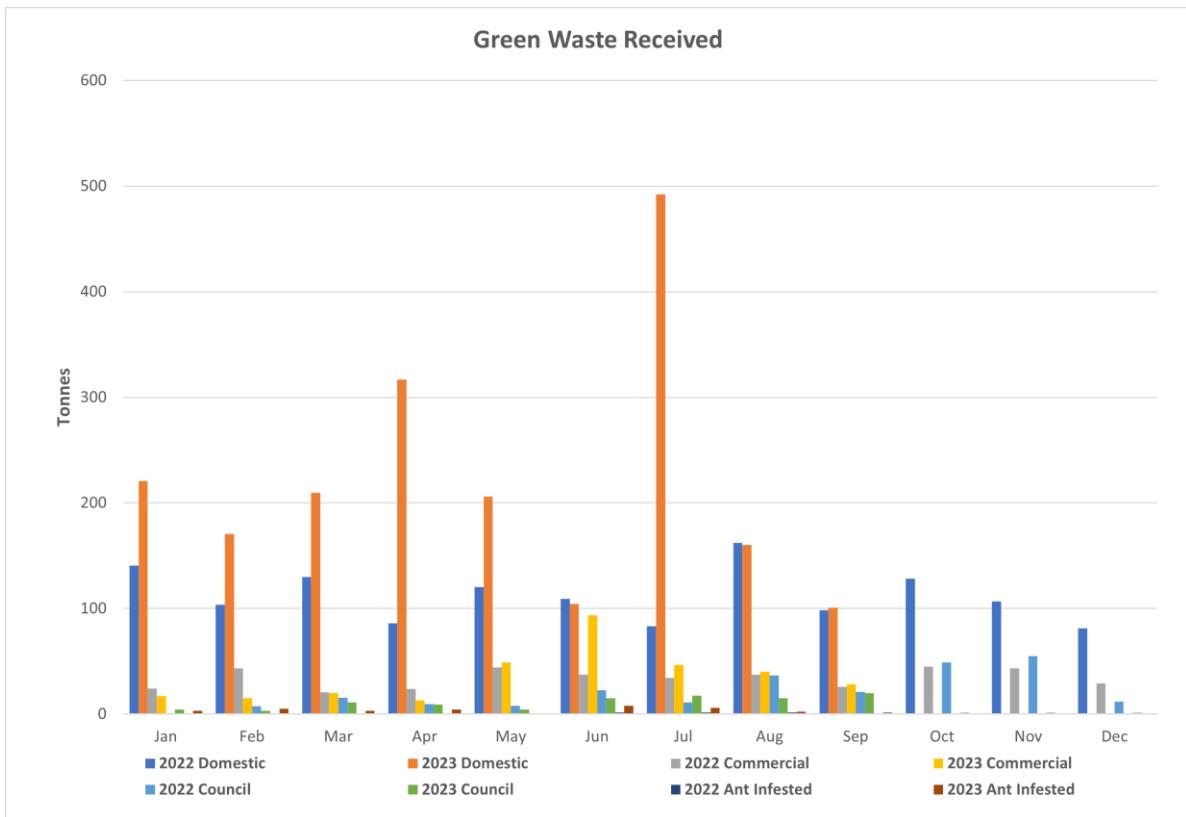
Illegally Dumped Waste

Illegally dumped waste was collected around the township of Mareeba during September. A total of 0.5 tonnes was recorded; a low quantity compared to recent months. This does not include the illegal dumping of TMR roads.



Green Waste

During September, Council received a total of 150.6 tonnes of green waste. Kuranda recorded 1.7 tonnes of green waste from locations registered as being potentially contaminated with Electric Ants. A total of 3.3 tonnes of mulched green waste was sold throughout September. Shark Recycling removed 244.4 tonnes of mulched green waste from Mareeba Transfer Station.



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

9.8 INFRASTRUCTURE SERVICES, WORKS SECTION ACTIVITY REPORT - SEPTEMBER 2023**Date Prepared:** 5 October 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 September 2023.

RECOMMENDATION

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

BACKGROUND

A summary of works completed in September 2023 is provided below.

Transport InfrastructureUnsealed Road Maintenance Grading

Road	Locality
Ray Road	Mareeba
Slape Road	Mareeba
Martin Road	Chewko
Roos Road	Chewko
Cane Road	Chewko
Plozza Road	Chewko

Road	Locality
Stankovich Road	Mutchilba
Chisari Road	Mutchilba
Tabacum Road	Mutchilba
McBean Road	Glen Russell
Paglietta Road	Chewko
Karma Waters Road	Hurricane

General Maintenance

Activity	Area
Road Drainage Works	Mt Lewis Road, Springmount Road, Kanervo Road, Moody Street, Springs Road
Roadside Vegetation Removal	Strathleven Road
Unsealed Road Repairs	Oak Forest Road, Railway Street, Bolton Road, Hillview Road
Tree Removal	Black Mountain Road-Kuranda & Julatten, Salamone Drive, Pinnacle Road, Nine Mile Road, Euluma Creek Road, Daniel Place, Lloyd Street
Sealed Pavement Repairs	Myola Road, Euluma Creek Road, Jarawee Road, Kimalo Road, Oak Forest Road, Chettle Road
Footpath Repairs	Coondoo Street, Kennedy Street
Signage Repairs & Replacement	Mareeba, Kuranda, Mutchilba, Glen Russell areas

Activity	Area
Slashing/Brush Cutting	Oak Forest Road, Thongon Street
Roadside Drainage Works	Julatten, Mareeba, Koah areas
Removal OF Illegal Dumping	Henry Hannam Drive, Wolfram Road, Kuranda Crescent, Leedingham Creek Road

Customer Requests

During the month of September, the Works Group received 64 Customer Requests (CRs) with 137 resolved (resolved requests include those received prior to August 2023). The table below shows the number of requests lodged per Works Section for the month.

Month	Roads	Parks and Gardens	Pest Management
September	45	13	6

At the time of reporting, the Works Group had 117 open requests.

TMR Routine Maintenance Performance Contract (RMPC)

During September, maintenance grading continued on the Burke Developmental Road (BDR). It is anticipated that the maintenance grade of the BDR from Almaden to the Carpentaria Shire boundary will be completed by mid to late October.

Pipe inspections were completed on the Burke Developmental Road and culvert cleaning continued on the Mulligan Highway.

Larger Through Traffic Keep Right signage was installed at the northern end of Byrnes Street to encourage motorists to keep to the inside lane when travelling through Mareeba CBD.

Parks and Open Spaces

Issues with one of the pumps at the Mareeba Racecourse dam, has meant a watering roster has been temporarily introduced to allow all parties that currently use the untreated water supply to continue to irrigate.

Recurring until advice that pump is operational again				
Monday	High School	Pony	Soccer	
Tuesday	Cricket	Firth Park		Davies Park
Wednesday	Davies Park		Soccer	High School
Thursday	High School	Cricket		Davies Park
Friday	Davies Park	Firth Park	Soccer	High School
Saturday	High School	Pony		Tennis
Sunday	Tennis	Cricket	Pony	High School

Other activities undertaken in September include;

- Completion of turf laying at Anzac Park, Mareeba
- Irrigation repairs - Arnold Park, Bartley Park and 10 Acre Park
- Tree trimming - Basalt Gully, Main Street, Barron River Esplanade and Bartley Park
- Vandalism repairs – Centenary Park, Kuranda and Mareeba Cenotaph
- Mow and maintain – Mareeba Cemetery, Pioneer Cemetery, Dimbulah Cemetery and Chillagoe Cemetery

Land Protection

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

Emu Creek and Upper Walsh River Catchment - Multi Weeds: Work has continued on Emu Creek on the Walsh River catchment targeting Bellyache Bush, Physic Nut and Rubber Vine. Officers noted a major reduction in the target species numbers.

Amazon Frogbit: Work continued on Frogbit treatment on Chinaman Creek using hand removal and herbicide techniques. A privately owned dam at Biboohra infested with Frogbit was treated with herbicide.

Wild dogs: A coordinated baiting program involving 11 properties on the Walsh, Lynd and Mitchell River catchments was carried out on a total area of 1,096,800 hectares.

Wild Pigs: During September, 28 pigs were trapped in the Dimbulah, Mutchilba and Mt Molloy areas.

Staaten River Asset Protection: Council Land Protection Officers joined Queensland Biosecurity staff and affected landowners for the annual survey and removal of Bellyache Bush and Parkinsonia on the Mitchell and Lynd River flats that border the Staaten River catchment and the Staaten River National Park. Officers report that no Bellyache Bush or Parkinsonia were found in the containment zone.



Staaten River Asset Protection Team

FINANCIAL AND RESOURCE IMPLICATIONS***Operating***

All operational works are funded by the section specific 2023/24 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.

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.

IMPLEMENTATION/COMMUNICATION

Nil